

CARMONA RESOURCES



SITE INFORMATION

Closure Report
CAT Lanta FC 813H Spill
Eddy County, New Mexico
Unit B Sec 16 T23S R31E
32.311279°, -103.776778°
Incident Number: nAPP2434137511

Produced Water Release
Point of Release: Layflat line failed
Release Date: 12.05.2024
Volume Released: 240 Barrels of Produced Water
Volume Recovered: 0 Barrels of Produced Water

CARMONA RESOURCES



Prepared for:
Devon Energy
5315 Buena Vista Drive
Carlsbad, New Mexico 88220

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

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March 5, 2025

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

**Re: Closure Report
CAT Lanta FC 813H Spill
Devon Energy
Site Location: Unit A, S16, T23S, R31E
(Lat 32.311279°, Long -103.776778°)
Eddy County, New Mexico
Incident: nAPP2434137511**

Mr. Bratcher:

On behalf of Devon Energy, Carmona Resources, LLC has prepared this letter to document site activities for the CAT Lanta FC 813H Spill. The site is located at 32.311279°, -103.776778° within Unit A, S16, T23S, R31E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

The release was discovered on December 5, 2024, due to a lay flat line rupturing along the nearby lease road. The impacted area occurred in the pasture and is illustrated in Figure 3. The incident released approximately two hundred and forty (240) barrels of produced water, with zero (0) barrels recovered. Prior to any disturbances in the pasture, an archeology survey was conducted, and no archeology concerns were found within the area of concern. The cover page for the survey can be found in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, two known water sources are within a 0.50-mile radius of the location. The nearest identified groundwater determination bore is located approximately 0.31 miles Southeast of the site in S15, T23S, R31E, and was drilled on March 9, 2023. The determination bore was drilled to a reported depth of 55' below ground surface (ft bgs). The bore was revisited on March 24, 2023, and no presence of groundwater was encountered. The next nearest identified groundwater determination bore is located approximately 0.49 miles West of the site in S08, T23S, and R31E and was drilled on April 11, 2023. The determination bore was drilled to a reported depth of 55' below the ground surface (ft bgs). The bore was revisited on April 27, 2023, and no presence of groundwater was encountered. 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: 2,500 mg/kg (GRO + DRO + MRO).

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- TPH: 1,000 mg/kg (GRO + DRO).
- Chloride: 10,000 mg/kg.

4.0 Site Assessment Activities

Initial Assessment

On December 10, 2024, Carmona Resources, LLC was onsite to perform an initial assessment to evaluate soil impacts stemming from the release. A total of four (4) sample points (S-1 through S-4) and seven (6) horizontal samples (H-1 through H-7) were advanced to depths ranging from the surface to 5' bgs within and surrounding the release to assess the vertical and horizontal extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. See Table 1 for the analytical results.

Vertical Delineation

Vertical delineation was achieved for all areas affected by the release. Refer to Table 1.

Horizontal Delineation

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

5.0 Remediation Activities

Carmona Resources personnel were on site to guide the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on January 17, 2025, January 27, 2025, and February 6, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of one hundred seven (107) floor confirmation samples were collected (CS-1 through CS-107), and thirty-eight (38) sidewall samples (SW-1 through SW-38) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 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.

Confirmation samples 10, and 11 and Sidewall samples 36, 37, and 38 showed elevated levels of chlorides ranging from 2,080 mg/kg to 12,900 mg/kg. The excavation was extended to ensure that all impacted material was removed, and the areas were resampled to confirm the area was clean to the most stringent thresholds.

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 3,566 cubic yards of material were excavated and transported offsite for proper disposal.



Once the remediation activities were completed, the excavated area was backfilled with clean material to surface grade. The material utilized for backfill was sourced locally. The composite pit sample was 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.

6.0 Reclamation Activities

The site was re-seeded on February 28, 2025. The seed mixture was spread via seed drill. Topsoil matching the surrounding areas was raked back on top of the seed after being broadcast. The seed mixture used was the NMSLO – Sandy Seed Mix (See attachments in Appendix E). See Figure 5 for the reclamation area.

7.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

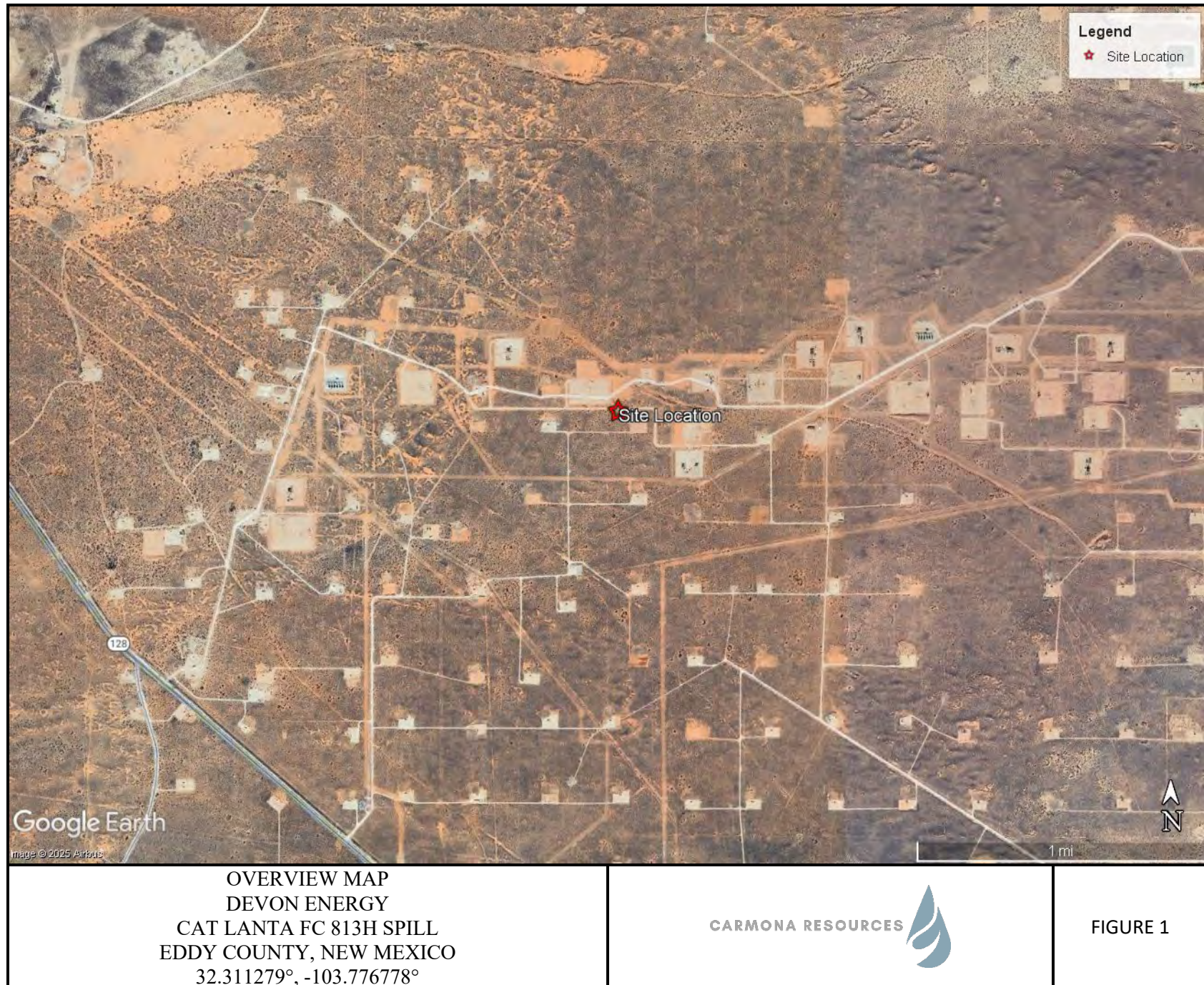
Conner Moehring
Environmental Manager

Ivan Ramos
Sr. Project Manager

FIGURES

CARMONA RESOURCES





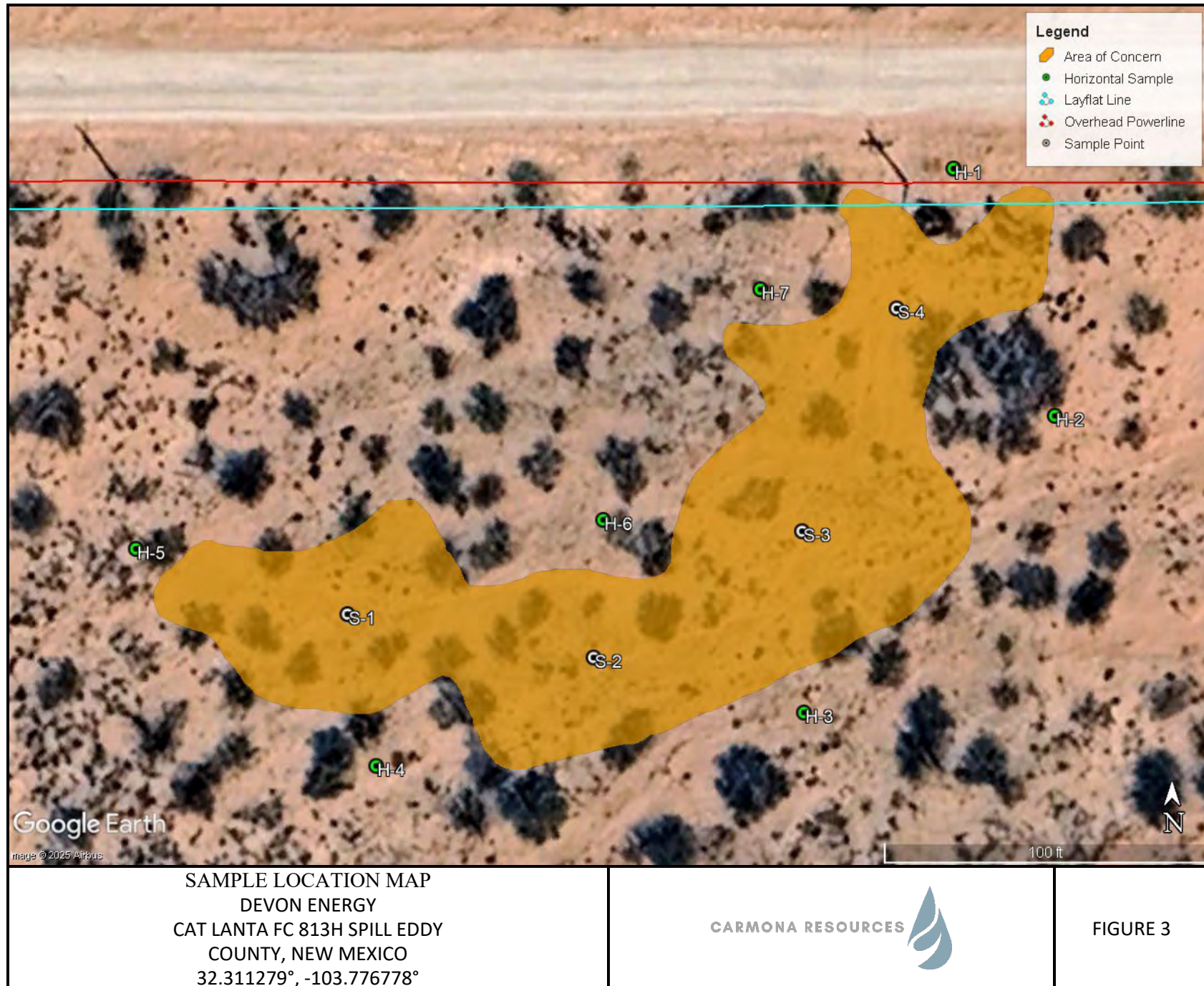


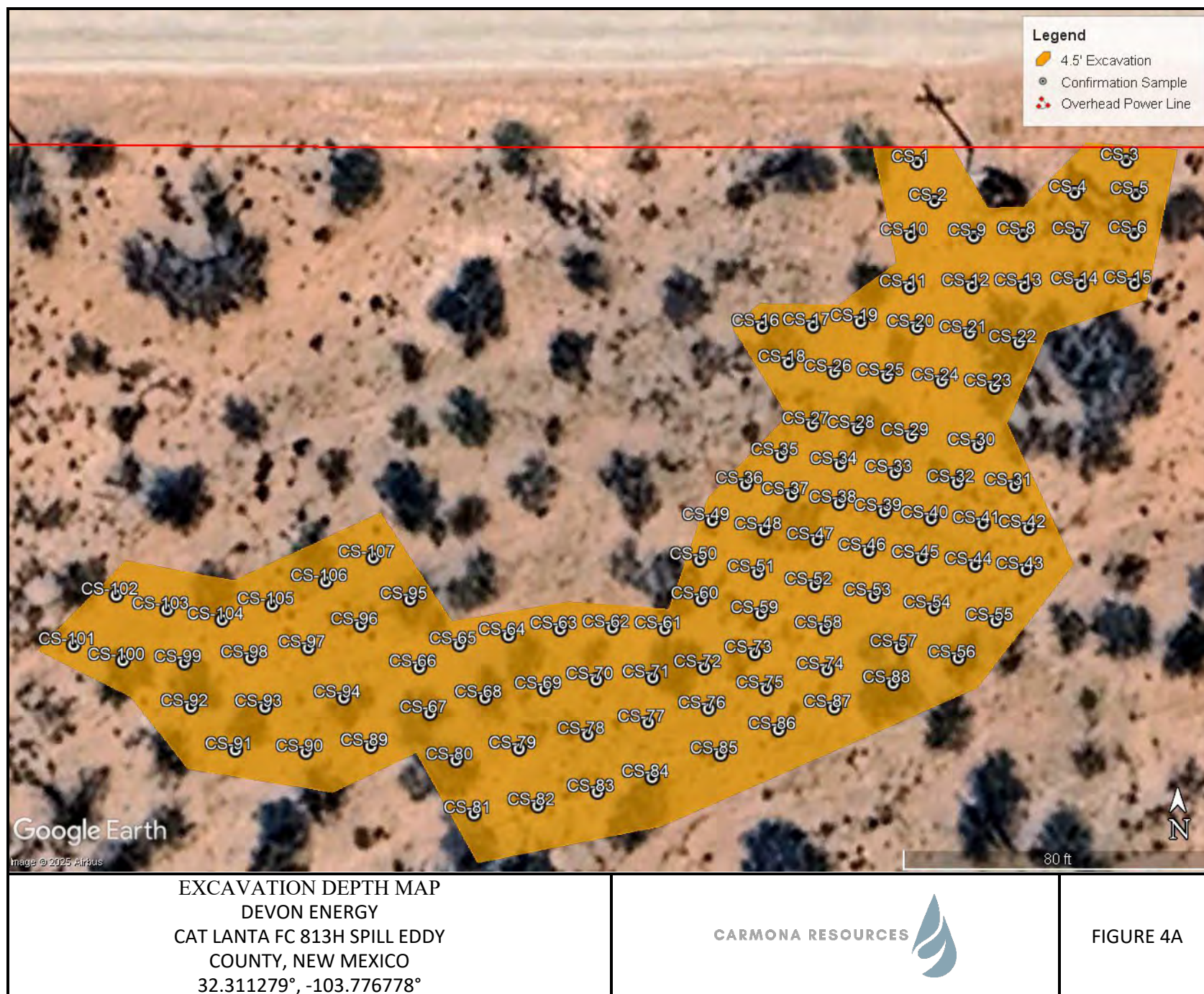
TOPOGRAPHIC MAP
DEVON ENERGY
CAT LANTA FC 813H SPILL EDDY
COUNTY, NEW MEXICO
32.311279°, -103.776778°

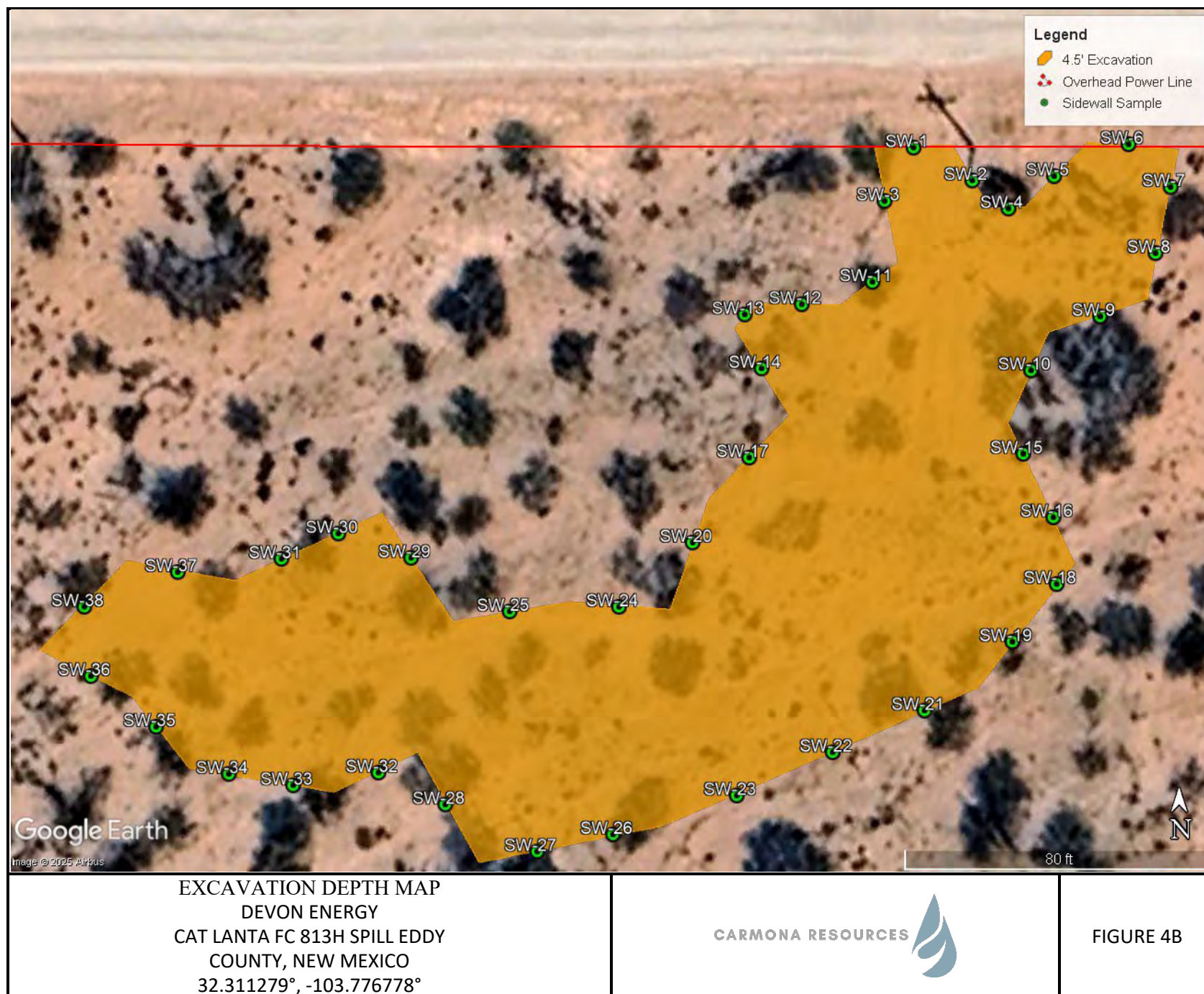
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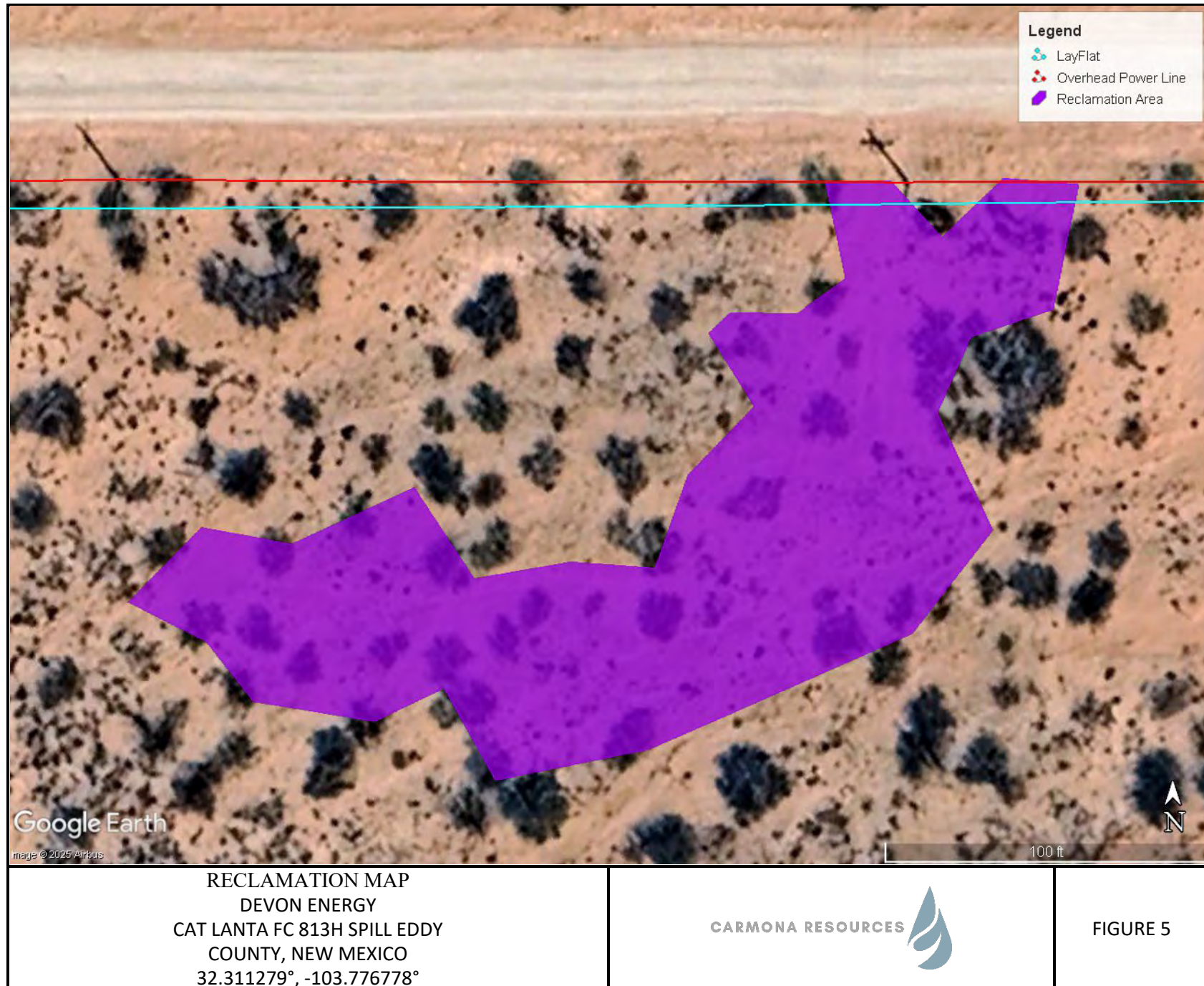


FIGURE 2









APPENDIX A

CARMONA RESOURCES



Table 1
Devon Energy
CAT Lanta FC 813H Spill
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	12/10/2024	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,990
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	4,930
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,390
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	4,230
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,340
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	5,190
S-2	12/10/2024	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,140
	"	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	3,710
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,110
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	3,800
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,490
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,540
S-3	12/10/2024	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	3,830
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3,620
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,410
	"	3.0'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	3,710
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,810
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	3,470
S-4	12/10/2024	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,530
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,520
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	2,820
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3,530
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,860
	"	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,680
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) Sample Point

 Removed

Table 1
Devon Energy
CAT Lanta FC 813H Spill
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	12/10/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	88.7
H-2	12/10/2024	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	43.1
H-3	12/10/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	41.0
H-4	12/10/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	37.7
H-5	12/10/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	123
H-6	12/10/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	44.5
H-7	12/10/2024	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	33.9
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 Point

Table 2
Devon Energy
CAT Lanta FC 813H Spill
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	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	5650
CS-2	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5580
CS-3	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5300
CS-4	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	5560
CS-5	1/29/2025	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	5510
CS-6	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6570
CS-7	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5630
CS-8	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6590
CS-9	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6920
CS-10	1/29/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	11800
	2/10/2025	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<9.96
CS-11	1/29/2025	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12900
	2/10/2025	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.98
CS-12	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8280
CS-13	1/29/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6770
CS-14	1/29/2025	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	5260
CS-15	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3940
CS-16	1/29/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4920
CS-17	1/29/2025	4.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	4800
CS-18	1/29/2025	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4850
CS-19	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4060
CS-20	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4720
Regulatory Criteria^A							2,500 mg/kg	10 mg/kg			50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons
ft-feet

(CS) Confirmation Sample

Removed

Table 2
Devon Energy
CAT Lanta FC 813H Spill
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						
CS-21	1/29/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	5180
CS-22	1/29/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4520
CS-23	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5080
CS-24	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	4550
CS-25	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4870
CS-26	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	4730
CS-27	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4730
CS-28	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5870
CS-29	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	4860
CS-30	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	6500
CS-31	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	6660
CS-32	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5500
CS-33	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5610
CS-34	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	8320
CS-35	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	6380
CS-36	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8180
CS-37	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7220
CS-38	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	9620
CS-39	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9280
CS-40	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	9450
CS-41	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	9510
CS-42	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5900
Regulatory Criteria ^A							2,500 mg/kg	10 mg/kg			50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
Devon Energy
CAT Lanta FC 813H Spill
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						
CS-43	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4140
CS-44	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	5730
CS-45	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	5680
CS-46	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5300
CS-47	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5290
CS-48	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5090
CS-49	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7460
CS-50	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	9190
CS-51	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5390
CS-52	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5470
CS-53	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7650
CS-54	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	8540
CS-55	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7760
CS-56	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8320
CS-57	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	8210
CS-58	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7720
CS-59	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6730
CS-60	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	8000
CS-61	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	6740
CS-62	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7980
CS-63	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5790
CS-64	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	5880
Regulatory Criteria ^A							2,500 mg/kg	10 mg/kg			50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
Devon Energy
CAT Lanta FC 813H Spill
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						
CS-65	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	6120
CS-66	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5130
CS-67	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5070
CS-68	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6260
CS-69	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5640
CS-70	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	6070
CS-71	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7850
CS-72	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4670
CS-73	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4920
CS-74	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	5170
CS-75	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4870
CS-76	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5650
CS-77	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	4220
CS-78	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4850
CS-79	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5890
CS-80	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3890
CS-81	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3050
CS-82	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3330
CS-83	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4450
CS-84	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	3710
CS-85	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3290
CS-86	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3410
Regulatory Criteria ^A							2,500 mg/kg	10 mg/kg			50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
Devon Energy
CAT Lanta FC 813H Spill
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-87	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3490
CS-88	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3130
CS-89	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2820
CS-90	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	6350
CS-91	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7140
CS-92	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8130
CS-93	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6830
CS-94	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7740
CS-95	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9000
CS-96	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7040
CS-97	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	9470
CS-98	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5650
CS-99	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6810
CS-100	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	8100
CS-101	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	5600
CS-102	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4740
CS-103	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	6310
CS-104	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	5590
CS-105	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	0.00498	<0.00401	0.00706	5240
CS-106	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5360
CS-107	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.5
Regulatory Criteria ^A							2,500 mg/kg	10 mg/kg			50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
Devon Energy
CAT Lanta FC 813H Spill
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						
SW-1	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	26.0
SW-2	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	26.2
SW-3	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	26.5
SW-4	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	25.7
SW-5	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	26.8
SW-6	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	29.8
SW-7	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	22.3
SW-8	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	36.3
SW-9	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	25.8
SW-10	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	25.0
SW-11	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	27.0
SW-12	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	23.8
SW-13	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	37.1
SW-14	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	20.5
SW-15	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	0.00249	<0.00200	<0.00200	<0.00399	<0.00399	28.0
SW-16	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	20.9
SW-17	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	30.0
SW-18	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	24.8
SW-19	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	130
SW-20	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	138
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

Table 2
Orbit Construction
CAT Lanta FC 813H Spill
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-21	1/29/2025	4.5'	<47.2	<47.2	<47.2	<47.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	120
SW-22	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	84.8
SW-23	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	141
SW-24	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	127
SW-25	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	72.5
SW-26	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	136
SW-27	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	188
SW-28	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	139
SW-29	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	154
SW-30	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	109
SW-31	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	130
SW-32	1/29/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	17.0
SW-33	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	125
SW-34	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	17.3
SW-35	1/29/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	16.1
SW-36	1/29/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2080
	2/10/2025	"	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.98
SW-37	1/29/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	2120
	2/10/2025	"	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
SW-38	1/29/2025	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2140
	2/10/2025	"	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.92
BACKGROUND	12/23/2024	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	111
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

Removed

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 1

Facility: CAT Lanta FC 813H Spill

County: Eddy County, New Mexico

Description:

View Northeast, area of CS-1 through CS-23.



Photograph No. 2

Facility: CAT Lanta FC 813H Spill

County: Eddy County, New Mexico

Description:

View Northeast, area of CS-3 through CS-15.



Photograph No. 3

Facility: CAT Lanta FC 813H Spill

County: Eddy County, New Mexico

Description:

View Southeast, area of CS-16 through CS-19, and CS-26.



PHOTOGRAPHIC LOG

Devon Energy

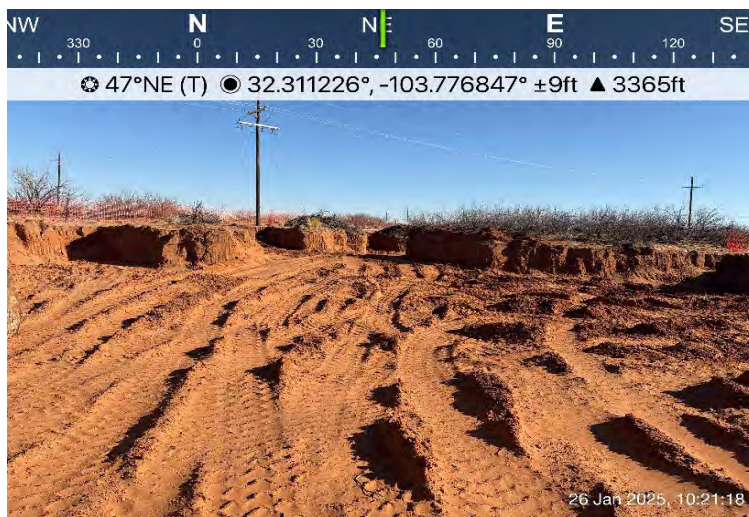
Photograph No. 4

Facility: CAT Lanta FC 813H Spill

County: Eddy County, New Mexico

Description:

View Northeast, area of CS-1 through CS-42.



Photograph No. 5

Facility: CAT Lanta FC 813H Spill

County: Eddy County, New Mexico

Description:

View East, area of CS-28 through CS-34 and CS-38 through CS-47.



Photograph No. 6

Facility: CAT Lanta FC 813H Spill

County: Eddy County, New Mexico

Description:

View Southeast, area of CS-27 through CS-60.



PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 7

Facility: CAT Lanta FC 813H Spill

County: Eddy County, New Mexico

Description:

View West, area of CS-61 through CS-107.



Photograph No. 8

Facility: CAT Lanta FC 813H Spill

County: Eddy County, New Mexico

Description:

View Southeast, area of CS-74 through CS-88.



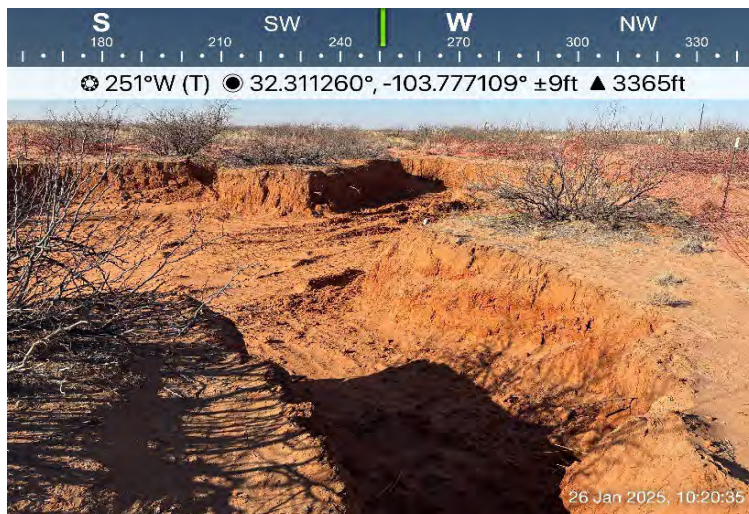
Photograph No. 9

Facility: CAT Lanta FC 813H Spill

County: Eddy County, New Mexico

Description:

View North, area of CS-89 through CS-107.



PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 10

Facility: CAT Lanta FC 813H Spill

County: Eddy County, New Mexico

Description:

Image of seed mixture.

NMSLO Seed Mix

Sandy (S)

SANDY (S) SITES SEED MIXTURE:

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Grasses:			
Sand bluestem	Elida, VNS, So.	2.0	F
Little bluestem	Cimarron, Pastura	3.0	F
Black grama	VNS, Southern	1.0	D
Sand dropseed	VNS, Southern	4.0	S
Plains brome	VNS, Southern	2.0	D
Forbs:			
Firewheel (Gaillardia)	VNS, Southern	1.0	D
Annual Sunflower	VNS, Southern	1.0	D
Shrubs:			
Fourwing Saltbush	VNS, Southern	1.0	F
		Total PLS/acre	16.0

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box
 VNS = Variety Not Sited, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern - Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at <http://plants.usda.gov>.

Photograph No. 11

Facility: CAT Lanta FC 813H Spill

County: Eddy County, New Mexico

Description:

View West of reseeding via seed drill.



Photograph No. 12

Facility: CAT Lanta FC 813H Spill

County: Eddy County, New Mexico

Description:

View North of reseeding via hand distribution.



PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 13

Facility: CAT Lanta FC 813H Spill

County: Eddy County, New Mexico

Description:

View Northwest of reseeding via seed drill and hand distribution.



Photograph No. 14

Facility: CAT Lanta FC 813H Spill

County: Eddy County, New Mexico

Description:

View Southwest of reseeding via seed drill.



Photograph No. 15

Facility: CAT Lanta FC 813H Spill

County: Eddy County, New Mexico

Description:

View Northeast of reseeding via seed drill.



APPENDIX C

CARMONA RESOURCES



Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 409136

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409136
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	CAT Lanta FC 813H Spill
Date Release Discovered	12/05/2024
Surface Owner	State

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

Nature and Volume of Release <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 240 BBL Recovered: 0 BBL Lost: 240 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Layflat line used for transfer of treated produced water had a failure. This allowed approx. 240 bbls or treated produced water to be released off location along ROW.

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QUESTIONS, Page 2

Action 409136

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409136
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response

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

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

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

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ACKNOWLEDGMENTS

Action 409136

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409136
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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Santa Fe, NM 87505

CONDITIONS

Action 409136

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409136
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
jraley	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	12/6/2024

To adequately estimate the volume of a release to soils, a three step process will be utilized. Step 1: determining the spill area impacted by the release, Step 2: determining the soil porosity and Step 3: determining the soil saturation. Below is a brief description of each and an example calculation.

Step 1: Spill Area

First determine the total volume of soils impacted by a release. Measure the surface area and determine the depth of penetration. For the purposes of this calculation make all measurements in feet. If the depth is less than one foot, divide the depth in inches by 12 and that will give you the decimal equivalent.

Length (L) x Width (W) x Depth (D) = Cubic Feet (CF) impacted

Now convert the area volume to a liquid volume in barrels. This is done by dividing the CF by a conversion factor of 5.61.

$CF / 5.61 = \text{Barrels if no soil were present}$

Step 2: Soil Porosity

Soil porosity determines the maximum volume of liquid a specific soil type can hold. This is calculated using a percentage. Soil type information is not always readily available, so three basic soil types will be used in this calculation. Clay which has a porosity of 10%, Clay/Sand mix has a porosity of 15% and Sand has a soil porosity of 20%. Multiply the barrels calculated in Step 1 by the soil porosity that most closely represents the soil type impacted by the release.

$\text{Barrels} \times \text{Soil Porosity (SP) \%} = \text{Barrels if soil is 100\% saturated}$

Step 3: Saturation

Saturation determines the quantity of liquid in the soil. If liquids run from the soil during excavation with a shovel or backhoe assume 100% saturation. If liquids run from the soil after squeezing a sample by hand assume 50% saturation. If soils are damp but liquids cannot be squeezed out assume 10% saturation. Multiply the barrels calculated in Step 2 by percent saturation.

$\text{Barrels} \times \text{Saturation \%} = \text{ESTIMATED BARRELS OF RELEASE}$

Example: A release covered an area 100 feet by 50 feet at a depth of 8 inches. The soil type was Clay/Sand mix (15%) and the soil is damp but liquids could not be squeezed out by hand (10%). The calculation for estimating the amount of release is as follows:

Step 1: $100' \times 50' \times (8''/12) = 3333.3 \text{ CF} / 5.61 = 594.1 \text{ Bls}$

Step 2: $594.1 \text{ Bls} \times 15\% = 89.1 \text{ Bls}$

Step 3: $89.1 \text{ Bls} \times 10\% = 8.9 \text{ Bls estimated release}$

<u>Length</u>	<u>Width</u>	<u>Depth</u>	<u>Soil porosity</u>	<u>saturation</u>	<u>Total spill volume</u>
150	3	0.5	20%	50%	4.010695187
180	3	0.5	20%	50%	4.812834225
220	100	0.5	20%	50%	196.0784314
					204.9019608

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

QUESTIONS

Action 413433

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 413433
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2434137511
Incident Name	NAPP2434137511 CAT LANTA FC 813H SPILL @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CAT Lanta FC 813H Spill
Date Release Discovered	12/05/2024
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 204 BBL Recovered: 0 BBL Lost: 204 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Layflat line for water transfer failed. Allowing release to pasture. NMOCD and SLO notified via email 12/6/2024

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QUESTIONS, Page 2

Action 413433

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 413433
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 12/18/2024
--	---

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State of New Mexico
Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

QUESTIONS, Page 3

Action 413433

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 413433
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

CONDITIONS

Action 413433

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 413433
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	12/18/2024

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

QUESTIONS

Action 421897

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 421897
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2434137511
Incident Name	NAPP2434137511 CAT LANTA FC 813H SPILL @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	CAT Lanta FC 813H Spill
Date Release Discovered	12/05/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	18,312
What is the estimated number of samples that will be gathered	112
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/21/2025
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Conner Moerhring (432) 813-6823
Please provide any information necessary for navigation to sampling site	32.3112654, -103.776759

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CONDITIONS

Action 421897

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 421897
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/17/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 425117

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 425117
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2434137511
Incident Name	NAPP2434137511 CAT LANTA FC 813H SPILL @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	CAT Lanta FC 813H Spill
Date Release Discovered	12/05/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	18,312
What is the estimated number of samples that will be gathered	112
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/29/2025
Time sampling will commence	04:00 PM
Please provide any information necessary for observers to contact samplers	Conner Moerhring (432) 813-6823
Please provide any information necessary for navigation to sampling site	32.3112654, -103.776759

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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CONDITIONS

Action 425117

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 425117
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/27/2025

Sante Fe Main Office
Phone: (505) 476-3441

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

QUESTIONS

Action 429198

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 429198
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2434137511
Incident Name	NAPP2434137511 CAT LANTA FC 813H SPILL @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	CAT Lanta FC 813H Spill
Date Release Discovered	12/05/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	5
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/10/2025
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Conner Moerhring (432) 813-6823
Please provide any information necessary for navigation to sampling site	32.3112654, -103.776759

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 429198

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 429198
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/6/2025



Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:

(if applicable)

Exhibit Type (select one)

ARMS Inspection/Review - Summarize the results (select one):

- (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

Archaeological Survey

Findings:

Negative - No further archaeological review is required.

Positive - Have avoidance and protection measures been devised? Select one:

Comments:

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22

APPENDIX D

CARMONA RESOURCES



Nearest Water Well

Devon Energy

Legend

- 0.31 Miles
- 0.49 Miles
- 0.50 Mile Radius
- Groundwater Determination Bore
- FC 813H

55' GWDB - Drilled 2023

Devon North Pure Gold

FC 813H

55' GWDB - Drilled 2023

Google Earth



2000 ft

Low Karst

Devon Energy

Legend

FC 813H

Low

Devon North Pure Gold

FC 813H

Google Earth



2000 ft



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 04712 POD5		CUB	ED	SE	SE	SW	09	23S	31E	614392.9	3575754.4		440	55		
C 04709 POD1		CUB	ED	SW	NW	NW	15	23S	31E	615508.8	3575262.4		780			
C 04776 POD1		CUB	ED	SW	SW	SW	09	23S	31E	613953.1	3575651.8		854		105	
C 04712 POD6		CUB	ED	SW	SW	SE	08	23S	31E	613146.6	3575740.1		1665	55		
C 02777		CUB	ED	SE	SE	SE	10	23S	31E	616973.8	3575662.1		2168	890		
C 03749 POD1		CUB	ED		NE	NE	15	23S	31E	616973.8	3575662.1		2168	865	639	226
C 03140		CUB	ED	SE	NE	SE	04	23S	31E	615266.0	3577758.0 *		2204	684		
C 03351		C	ED	SE	NW	SE	04	23S	31E	614916.6	3577861.1		2261	320	168	152
C 02773		CUB	ED	SE	NW	SW	03	23S	31E	615668.0	3577762.0 *		2325	880		
C 02774		CUB	ED	SW	NW	SW	04	23S	31E	613857.0	3577745.0 *		2343	1660		
C 04855 POD1		CUB	ED	NE	SW	SW	11	23S	31E	617417.6	3575936.7		2632	105		
C 04712 POD4		CUB	ED	NW	SE	SW	14	23S	31E	617535.4	3574316.2		3017	55		
C 02664		CUB	ED	SW	SW	NE	05	23S	31E	613049.0	3578138.0 *		3085	4291	354	3937
C 02954 EXPL		CUB	ED	SW	NW	SE	20	23S	31E	613114.0	3572906.0 *		3182	905		
C 02492		CUB	ED	SE	SE	SE	06	23S	31E	612056.0	3577320.0 *		3242	135	85	50
C 02865		CUB	ED	SE	SE	SE	06	23S	31E	612056.0	3577320.0 *		3242	174		
C 04772 POD1		CUB	ED	NW	NW	NW	04	23S	31E	613895.0	3578780.5		3306	55		
C 02492 POD2		C	ED	SW	NE	NE	07	23S	31E	611767.4	3576996.6		3343	400	125	275
C 02769 POD2		CUB	ED	SE	NE	SE	33	22S	31E	615260.6	3579312.3		3738	753	428	325
C 02767		CUB	ED	SE	NW	SE	33	22S	31E	614844.0	3579360.0 *		3758	785		
C 02768		CUB	ED	SE	NW	SE	33	22S	31E	614844.0	3579360.0 *		3758	787		
C 02687		CUB	ED	SE	NE	SE	33	22S	31E	615246.0	3579364.0 *		3787	779		
C 02776		CUB	ED	NE	NW	NW	05	23S	31E	612440.0	3578731.0 *		3922	661		
C 02769		CUB	ED	NE	NE	SE	33	22S	31E	615246.0	3579564.0 *		3986	765		

Average Depth to Water: 272 feet

Maximum Depth: **639 feet**

Record Count: 24

UTM Filters (in meters):

Easting: 614806.00

Northing: 3575602.00

Radius: 4000

* UTM location was derived from PLSS - see Help

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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) <u>C-04712 POD 5</u>		WELL TAG ID NO.		OSE FILE NO(S). <u>C-4712</u>		
	WELL OWNER NAME(S) <u>Harvard Petroleum Company</u>				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS <u>PO Box 936</u>				CITY <u>Reswell</u>	STATE <u>NM</u>	ZIP <u>88202</u>
	WELL LOCATION (FROM GPS)		DEGREES <u>32</u>	MINUTES <u>18</u>	SECONDS <u>46.0</u>	N	
	LONGITUDE <u>103</u>		<u>47</u>	<u>05.3</u>	W		* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							

2. DRILLING & CASING INFORMATION	LICENSE NO. <u>1833</u>		NAME OF LICENSED DRILLER <u>Jason Maley</u>		NAME OF WELL DRILLING COMPANY <u>Vision Resources</u>				
	DRILLING STARTED <u>3-9-23</u>		DRILLING ENDED <u>3-9-23</u>		DEPTH OF COMPLETED WELL (FT) <u>55</u>		BORE HOLE DEPTH (FT) <u>55</u>		
	COMPLETED WELL IS:		☐ ARTESIAN *add Centralizer info below		☒ DRY HOLE		☐ SHALLOW (UNCONFINED)		
	DRILLING FLUID:		☒ AIR		☐ MUD		ADDITIVES - SPECIFY:		
	DRILLING METHOD:		☒ ROTARY		☐ HAMMER		☐ CABLE TOOL		
							☐ OTHER - SPECIFY:		
						CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐			
DEPTH (feet bgl)		BORE HOLE DIAM (inches)		CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)		CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
FROM	TO								
<u>0</u>	<u>45</u>	<u>6"</u>		<u>2" PUC SH40</u>		<u>Thread</u>	<u>2"</u>	<u>SH40</u>	<u>—</u>
<u>45</u>	<u>55</u>	<u>6"</u>		<u>2" PUC SH40 (Screen)</u>		<u>Thread</u>	<u>2"</u>	<u>SH40</u>	<u>102</u>

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. <u>C-4712-POD 5</u>	POD NO. <u>5</u>	TRN NO. <u>743189</u>
LOCATION <u>Mon 23.31.09.443</u>	WELL TAG ID NO. <u>—</u>	PAGE 1 OF 2

	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
4. HYDROGEOLOGIC LOG OF WELL	0	20	20	White Caliche	Y (N)	
	20	45	25	Brown Fine Sand	Y (N)	
	45	55	10	Red Sandy Caliche	Y (N)	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm):	
☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:					Dry	
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION: USE DIT APR 4 2023 PM 1:23					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:					
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:					
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME			3/24/23 DATE		

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 743189
File Nbr: C 04712
Well File Nbr: C 04712 POD5

Apr. 04, 2023

VERTEX RESOURCES
P.O. BOX 936
ROSWELL, NM 88202

Greetings:

The above numbered permit was issued in your name on 02/21/2023.

The Well Record was received in this office on 04/04/2023, stating that it had been completed on 03/09/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 02/21/2024.

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Maret Thompson".

Maret Thompson
(575) 622-6521

drywell



2904 W 2nd St.
Roswell, NM 88201
voice: 575.624.2420
fax: 575.624.2421
www.atkinseng.com

April 27, 2023

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-04709Pod-1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, C-04709 Pod-1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Lucas Middleton". The signature is fluid and cursive.

Lucas Middleton

Enclosures: as noted above

2023 APR 27 PM 3:25



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-04709			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 18	SECONDS 29.62 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
		LONGITUDE	103	46	22.89 W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SW NW NW Sec. 15 T23S R31E, NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 4/11/23	DRILLING ENDED 4/11/23	DEPTH OF COMPLETED WELL (FT) Temporary Well Material		BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 4/18/23		
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐		
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0 55		±6.25	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
				N/A				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	8	8	Sand, fine-grained, poorly graded, unconsolidated, Brown	Y ✓ N	
	8	16	8	Sand, fine-grained, poorly graded, unconsolidated, with caliche Brown / white	Y ✓ N	
	16	55	39	Sand, fine/ very fine-grained, poorly graded, consolidated layers , Brown	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. 42 MALDIVES 15 CTB 1	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 Jackie D. Atkins	4/27/23
SIGNATURE OF DRILLER / PRINT SIGNEE NAME		DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-04709 POD-1

Well owner: Devon Energy

Phone No.: 575-748-1838

Mailing address: 6488 7 Rivers Hwy

City: Artesia

State: New Mexico

Zip code: 88210

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)
- 2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/25
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Shane Eldridge, Cameron Pruitt
- 4) Date well plugging began: 4/18/23 Date well plugging concluded: 4/18/23
- 5) GPS Well Location: Latitude: 32 deg, 18 min, 29.62 sec
Longitude: 103 deg, 46 min, 22.89 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl),
by the following manner: weighted tape
- 7) Static water level measured at initiation of plugging: n/a ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 2/21/2023
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

- For each interval plugged, describe within the following columns:**

MULTIPLY		BY	AND OBTAIN
cubic feet	x	7.4805	= gallons
cubic yards	x	201.97	= gallons

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of Well Driller

Date _____

42-C-4709-WR-20 Well Record and Log-forsign

Final Audit Report

2023-04-27

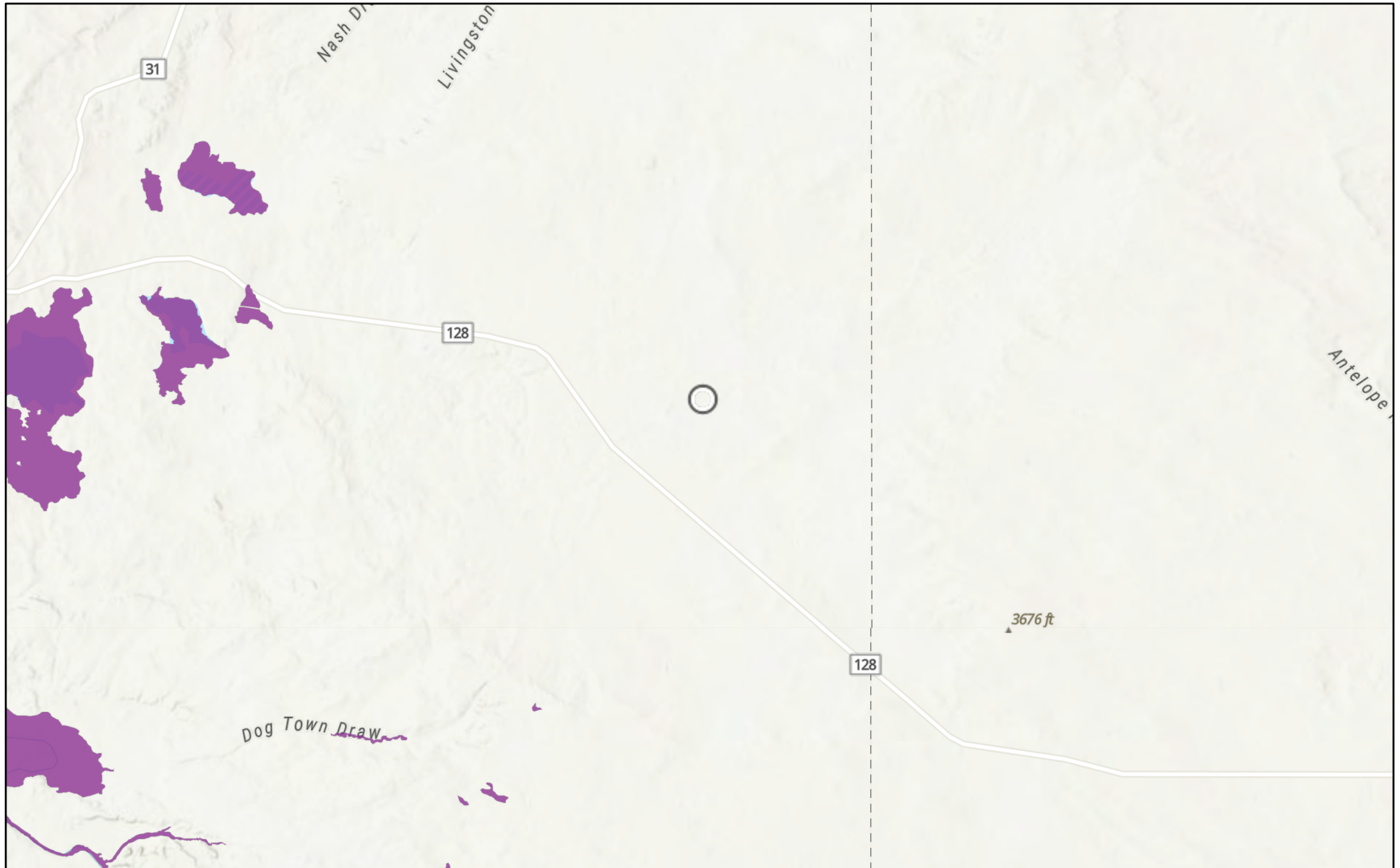
Created:	2023-04-27
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAZCib_waNosO1rQNh2L5Qp83OaxQxcABr

"42-C-4709-WR-20 Well Record and Log-forsign" History

-  Document created by Lucas Middleton (lucas@atkinseng.com)
2023-04-27 - 5:37:35 PM GMT- IP address: 174.205.225.2
-  Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2023-04-27 - 5:38:07 PM GMT
-  Email viewed by Jack Atkins (jack@atkinseng.com)
2023-04-27 - 7:57:13 PM GMT- IP address: 64.90.153.232
-  Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2023-04-27 - 7:57:51 PM GMT - Time Source: server- IP address: 64.90.153.232
-  Agreement completed.
2023-04-27 - 7:57:51 PM GMT

05:37:35 PM 28 2023 42-C-4709-WR-20

FC 813H Spill (12.05.24)



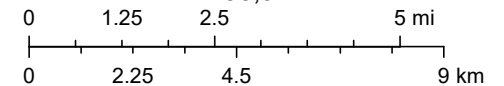
12/19/2024

USA Flood Hazard Areas

World Hillshade

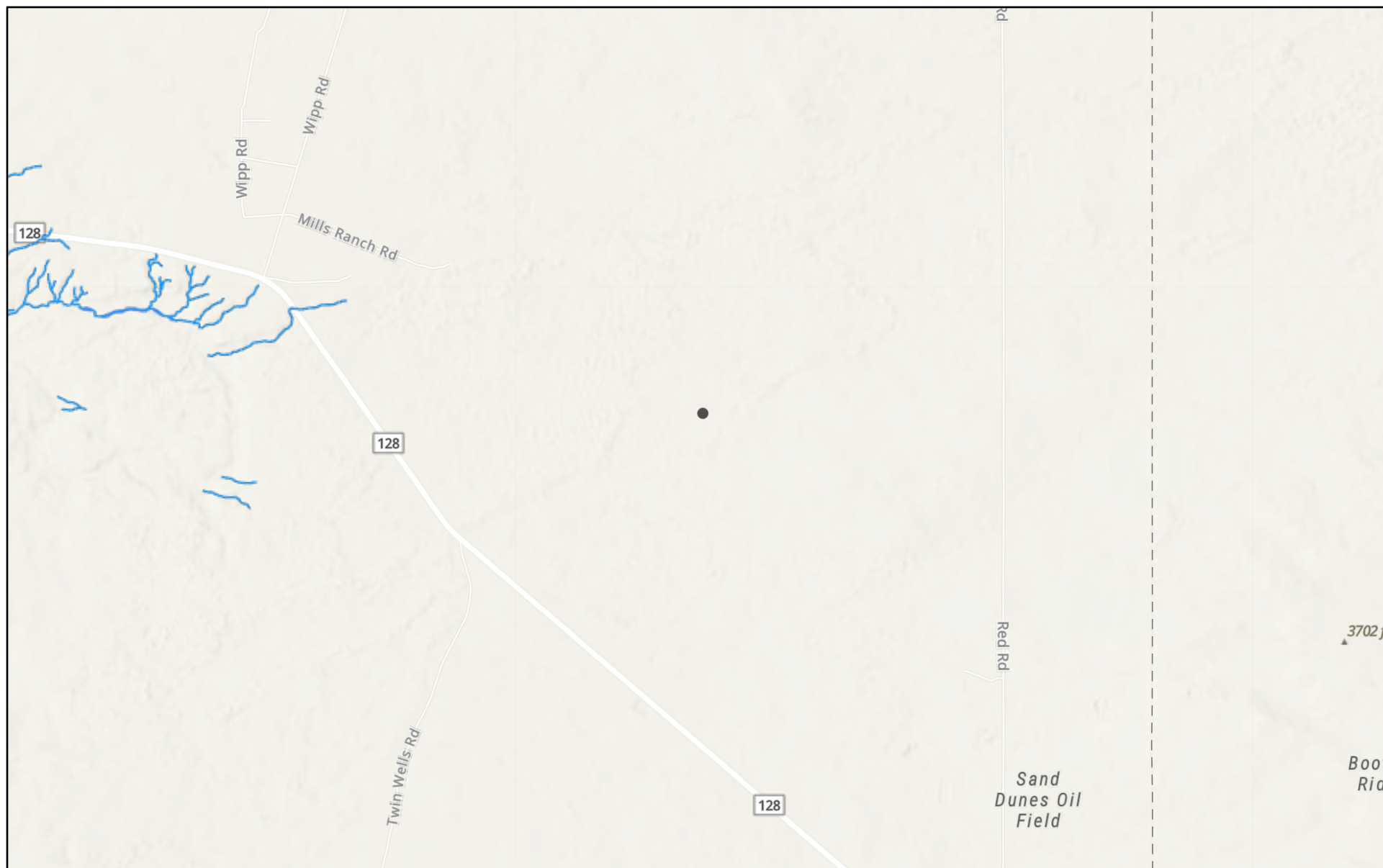
 1% Annual Chance Flood Hazard

1:193,921



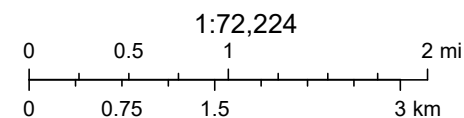
Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, METI/
NASA, USGS, EPA, NPS, USDA, USFWS, Esri, NASA, NGA, USGS

FC 813H Spill (12.05.24)



12/19/2024, 4:51:44 PM

- OSE Streams
- OSW Water Bodys



Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS, Esri,

New Mexico Oil Conservation Division

APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Devin Dominguez
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 12/19/2024 10:59:12 AM

JOB DESCRIPTION

FC 813H
Eddy County NM

JOB NUMBER

880-52122-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



Generated
12/19/2024 10:59:12 AM

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

Client: Carmona Resources
Project/Site: FC 813H

Laboratory Job ID: 880-52122-1
SDG: Eddy County NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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: FC 813H

Job ID: 880-52122-1

Job ID: 880-52122-1

Eurofins Midland

Job Narrative 880-52122-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

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

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

Receipt

The samples were received on 12/11/2024 3:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.7°C.

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The closing continuing calibration verification (CCVC) associated with batch 880-97842 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-97703 and analytical batch 880-98179 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 duplicate (LCSD) recovery is within acceptance limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-97703 and analytical batch 880-98179 was outside the control limits.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-97703 and analytical batch 880-98179 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-97683 and analytical batch 880-97716 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-97699 and analytical batch 880-97720 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.

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

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

Lab Sample ID: 880-52122-1

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:12	12/12/24 13:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:12	12/12/24 13:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:12	12/12/24 13:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/12/24 09:12	12/12/24 13:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:12	12/12/24 13:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/24 09:12	12/12/24 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	12/12/24 09:12	12/12/24 13:26	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/12/24 09:12	12/12/24 13:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/12/24 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/13/24 15:48	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		12/12/24 09:36	12/13/24 15:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 15:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	12/12/24 09:36	12/13/24 15:48	1
o-Terphenyl	102		70 - 130	12/12/24 09:36	12/13/24 15:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3990		50.0		mg/Kg			12/12/24 13:12	5

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-52122-2

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:12	12/12/24 13:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:12	12/12/24 13:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:12	12/12/24 13:46	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		12/12/24 09:12	12/12/24 13:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:12	12/12/24 13:46	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		12/12/24 09:12	12/12/24 13:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/12/24 09:12	12/12/24 13:46	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/12/24 09:12	12/12/24 13:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-52122-2

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/12/24 13:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/13/24 16:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 16:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 16:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 16:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				12/12/24 09:36	12/13/24 16:02	1
o-Terphenyl	98		70 - 130				12/12/24 09:36	12/13/24 16:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4930		101		mg/Kg			12/12/24 13:18	10

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-52122-3

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:12	12/12/24 14:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/12/24 09:12	12/12/24 14:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/12/24 09:12	12/12/24 14:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/12/24 09:12	12/12/24 14:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/12/24 09:12	12/12/24 14:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/12/24 09:12	12/12/24 14:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				12/12/24 09:12	12/12/24 14:06	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/12/24 09:12	12/12/24 14:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/12/24 14:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/13/24 16:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 16:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 16:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-52122-3

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:36	12/13/24 16:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				12/12/24 09:36	12/13/24 16:18	1
o-Terphenyl	97		70 - 130				12/12/24 09:36	12/13/24 16:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5390		100		mg/Kg			12/12/24 13:23	10

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-52122-4

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:12	12/12/24 14:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:12	12/12/24 14:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:12	12/12/24 14:27	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/12/24 09:12	12/12/24 14:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:12	12/12/24 14:27	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/12/24 09:12	12/12/24 14:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				12/12/24 09:12	12/12/24 14:27	1
1,4-Difluorobenzene (Surr)	94		70 - 130				12/12/24 09:12	12/12/24 14:27	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			12/12/24 14:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/13/24 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/12/24 09:36	12/13/24 16:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/24 09:36	12/13/24 16:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/24 09:36	12/13/24 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				12/12/24 09:36	12/13/24 16:46	1
o-Terphenyl	92		70 - 130				12/12/24 09:36	12/13/24 16:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4230	F1	99.4		mg/Kg			12/12/24 13:28	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-1 (4.0')

Lab Sample ID: 880-52122-5

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:12	12/12/24 15:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 15:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 15:50	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/12/24 09:12	12/12/24 15:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 15:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/12/24 09:12	12/12/24 15:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	12/12/24 09:12	12/12/24 15:50	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/12/24 09:12	12/12/24 15:50	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			12/12/24 15:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/13/24 17:01	1

Method: SW846 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		12/12/24 09:36	12/13/24 17:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 17:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 17:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	12/12/24 09:36	12/13/24 17:01	1
o-Terphenyl	99		70 - 130	12/12/24 09:36	12/13/24 17:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1340		49.8		mg/Kg			12/12/24 13:44	5

Client Sample ID: S-1 (5.0')

Lab Sample ID: 880-52122-6

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:12	12/12/24 16:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 16:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 16:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/24 09:12	12/12/24 16:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 16:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/24 09:12	12/12/24 16:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	12/12/24 09:12	12/12/24 16:10	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/12/24 09:12	12/12/24 16:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-1 (5.0')

Lab Sample ID: 880-52122-6

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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			12/12/24 16:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/13/24 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/12/24 09:36	12/13/24 17:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/24 09:36	12/13/24 17:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/24 09:36	12/13/24 17:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				12/12/24 09:36	12/13/24 17:16	1
o-Terphenyl	102		70 - 130				12/12/24 09:36	12/13/24 17:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5190		99.2		mg/Kg			12/12/24 13:49	10

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

Lab Sample ID: 880-52122-7

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:12	12/12/24 16:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:12	12/12/24 16:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:12	12/12/24 16:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/12/24 09:12	12/12/24 16:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:12	12/12/24 16:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/24 09:12	12/12/24 16:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/12/24 09:12	12/12/24 16:31	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/12/24 09:12	12/12/24 16:31	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			12/12/24 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/13/24 17:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 17:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 17:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

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

Lab Sample ID: 880-52122-7

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:36	12/13/24 17:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				12/12/24 09:36	12/13/24 17:30	1
o-Terphenyl	103		70 - 130				12/12/24 09:36	12/13/24 17:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3140		50.1		mg/Kg			12/12/24 14:05	5

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-52122-8

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:12	12/12/24 16:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:12	12/12/24 16:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:12	12/12/24 16:51	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/12/24 09:12	12/12/24 16:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:12	12/12/24 16:51	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/12/24 09:12	12/12/24 16:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				12/12/24 09:12	12/12/24 16:51	1
1,4-Difluorobenzene (Surr)	94		70 - 130				12/12/24 09:12	12/12/24 16:51	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			12/12/24 16:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/13/24 17:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/12/24 09:36	12/13/24 17:44	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/12/24 09:36	12/13/24 17:44	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/12/24 09:36	12/13/24 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				12/12/24 09:36	12/13/24 17:44	1
o-Terphenyl	105		70 - 130				12/12/24 09:36	12/13/24 17:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3710		49.9		mg/Kg			12/12/24 14:11	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-52122-9

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:12	12/12/24 17:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/12/24 09:12	12/12/24 17:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/12/24 09:12	12/12/24 17:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/12/24 09:12	12/12/24 17:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/12/24 09:12	12/12/24 17:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/12/24 09:12	12/12/24 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	12/12/24 09:12	12/12/24 17:12	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/12/24 09:12	12/12/24 17:12	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			12/12/24 17:12	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			12/13/24 17:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 17:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 17:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 17:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	12/12/24 09:36	12/13/24 17:58	1
o-Terphenyl	95		70 - 130	12/12/24 09:36	12/13/24 17:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5110		101		mg/Kg			12/12/24 14:16	10

Client Sample ID: S-2 (3.0')

Lab Sample ID: 880-52122-10

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:12	12/12/24 17:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:12	12/12/24 17:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:12	12/12/24 17:32	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/12/24 09:12	12/12/24 17:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:12	12/12/24 17:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/12/24 09:12	12/12/24 17:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	12/12/24 09:12	12/12/24 17:32	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/12/24 09:12	12/12/24 17:32	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-2 (3.0')

Lab Sample ID: 880-52122-10

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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			12/12/24 17:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/13/24 18:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 18:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 18:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 18:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				12/12/24 09:36	12/13/24 18:12	1
o-Terphenyl	104		70 - 130				12/12/24 09:36	12/13/24 18:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3800		49.7		mg/Kg			12/12/24 14:21	5

Client Sample ID: S-2 (4.0')

Lab Sample ID: 880-52122-11

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:12	12/12/24 17:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 17:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 17:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/12/24 09:12	12/12/24 17:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 17:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/12/24 09:12	12/12/24 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				12/12/24 09:12	12/12/24 17:53	1
1,4-Difluorobenzene (Surr)	96		70 - 130				12/12/24 09:12	12/12/24 17:53	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			12/12/24 17:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/13/24 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/12/24 09:36	12/13/24 18:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/24 09:36	12/13/24 18:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-2 (4.0')

Lab Sample ID: 880-52122-11

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:36	12/13/24 18:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				12/12/24 09:36	12/13/24 18:30	1
o-Terphenyl	104		70 - 130				12/12/24 09:36	12/13/24 18:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3490		49.5		mg/Kg			12/12/24 14:26	5

Client Sample ID: S-2 (5.0')

Lab Sample ID: 880-52122-12

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:12	12/12/24 18:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:12	12/12/24 18:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:12	12/12/24 18:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/12/24 09:12	12/12/24 18:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:12	12/12/24 18:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/24 09:12	12/12/24 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				12/12/24 09:12	12/12/24 18:13	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/12/24 09:12	12/12/24 18:13	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			12/12/24 18:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/13/24 18:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 18:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 18:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 18:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				12/12/24 09:36	12/13/24 18:45	1
o-Terphenyl	106		70 - 130				12/12/24 09:36	12/13/24 18:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4540		100		mg/Kg			12/12/24 14:32	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

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

Lab Sample ID: 880-52122-13

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:12	12/12/24 18:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:12	12/12/24 18:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:12	12/12/24 18:33	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		12/12/24 09:12	12/12/24 18:33	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:12	12/12/24 18:33	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		12/12/24 09:12	12/12/24 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	12/12/24 09:12	12/12/24 18:33	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/12/24 09:12	12/12/24 18:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/12/24 18:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/13/24 18:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 18:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 18:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	12/12/24 09:36	12/13/24 18:59	1
o-Terphenyl	97		70 - 130	12/12/24 09:36	12/13/24 18:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3830		50.5		mg/Kg			12/12/24 14:37	5

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-52122-14

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:12	12/12/24 18:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 18:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 18:54	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/12/24 09:12	12/12/24 18:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 18:54	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/12/24 09:12	12/12/24 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	12/12/24 09:12	12/12/24 18:54	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/12/24 09:12	12/12/24 18:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-52122-14

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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			12/12/24 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/18/24 20:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *+	50.0		mg/Kg		12/12/24 09:40	12/18/24 20:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		12/12/24 09:40	12/18/24 20:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:40	12/18/24 20:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				12/12/24 09:40	12/18/24 20:18	1
o-Terphenyl	89		70 - 130				12/12/24 09:40	12/18/24 20:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3620	F1	101		mg/Kg			12/12/24 15:12	10

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-52122-15

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:18	12/12/24 16:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:18	12/12/24 16:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:18	12/12/24 16:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/12/24 09:18	12/12/24 16:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:18	12/12/24 16:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/24 09:18	12/12/24 16:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				12/12/24 09:18	12/12/24 16:55	1
1,4-Difluorobenzene (Surr)	88		70 - 130				12/12/24 09:18	12/12/24 16:55	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			12/12/24 16:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/18/24 21:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/12/24 09:40	12/18/24 21:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:40	12/18/24 21:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-52122-15

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:40	12/18/24 21:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				12/12/24 09:40	12/18/24 21:02	1
o-Terphenyl	85		70 - 130				12/12/24 09:40	12/18/24 21:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		101		mg/Kg			12/12/24 15:30	10

Client Sample ID: S-3 (3.0')

Lab Sample ID: 880-52122-16

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:18	12/12/24 17:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:18	12/12/24 17:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:18	12/12/24 17:16	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/12/24 09:18	12/12/24 17:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:18	12/12/24 17:16	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/12/24 09:18	12/12/24 17:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				12/12/24 09:18	12/12/24 17:16	1
1,4-Difluorobenzene (Surr)	106		70 - 130				12/12/24 09:18	12/12/24 17:16	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			12/12/24 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/18/24 21:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/12/24 09:40	12/18/24 21:17	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/12/24 09:40	12/18/24 21:17	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/12/24 09:40	12/18/24 21:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				12/12/24 09:40	12/18/24 21:17	1
o-Terphenyl	86		70 - 130				12/12/24 09:40	12/18/24 21:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3710		49.8		mg/Kg			12/12/24 15:36	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-3 (4.0')

Lab Sample ID: 880-52122-17

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:18	12/12/24 17:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/12/24 09:18	12/12/24 17:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/12/24 09:18	12/12/24 17:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/12/24 09:18	12/12/24 17:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/12/24 09:18	12/12/24 17:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/12/24 09:18	12/12/24 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	12/12/24 09:18	12/12/24 17:36	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/12/24 09:18	12/12/24 17:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/12/24 17:36	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			12/18/24 21:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		12/12/24 09:40	12/18/24 21:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:40	12/18/24 21:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:40	12/18/24 21:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	12/12/24 09:40	12/18/24 21:31	1
o-Terphenyl	91		70 - 130	12/12/24 09:40	12/18/24 21:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4810		99.8		mg/Kg			12/12/24 15:42	10

Client Sample ID: S-3 (5.0')

Lab Sample ID: 880-52122-18

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:18	12/12/24 17:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:18	12/12/24 17:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:18	12/12/24 17:57	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/12/24 09:18	12/12/24 17:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:18	12/12/24 17:57	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/12/24 09:18	12/12/24 17:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/12/24 09:18	12/12/24 17:57	1
1,4-Difluorobenzene (Surr)	102		70 - 130	12/12/24 09:18	12/12/24 17:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-3 (5.0')

Lab Sample ID: 880-52122-18

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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			12/12/24 17:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/18/24 21:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/12/24 09:40	12/18/24 21:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/24 09:40	12/18/24 21:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/24 09:40	12/18/24 21:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				12/12/24 09:40	12/18/24 21:47	1
o-Terphenyl	96		70 - 130				12/12/24 09:40	12/18/24 21:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3470		50.0		mg/Kg			12/12/24 15:48	5

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

Lab Sample ID: 880-52122-19

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:18	12/12/24 18:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:18	12/12/24 18:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:18	12/12/24 18:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/12/24 09:18	12/12/24 18:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:18	12/12/24 18:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/12/24 09:18	12/12/24 18:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				12/12/24 09:18	12/12/24 18:17	1
1,4-Difluorobenzene (Surr)	102		70 - 130				12/12/24 09:18	12/12/24 18:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/12/24 18:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/18/24 22:01	1

Method: SW846 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		12/12/24 09:40	12/18/24 22:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:40	12/18/24 22:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

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

Lab Sample ID: 880-52122-19

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:40	12/18/24 22:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				12/12/24 09:40	12/18/24 22:01	1
o-Terphenyl	86		70 - 130				12/12/24 09:40	12/18/24 22:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2530		49.5		mg/Kg			12/12/24 16:06	5

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-52122-20

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:18	12/12/24 18:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:18	12/12/24 18:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:18	12/12/24 18:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/12/24 09:18	12/12/24 18:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:18	12/12/24 18:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/24 09:18	12/12/24 18:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				12/12/24 09:18	12/12/24 18:38	1
1,4-Difluorobenzene (Surr)	97		70 - 130				12/12/24 09:18	12/12/24 18:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/12/24 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/18/24 22:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/12/24 09:40	12/18/24 22:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:40	12/18/24 22:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/24 09:40	12/18/24 22:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				12/12/24 09:40	12/18/24 22:16	1
o-Terphenyl	87		70 - 130				12/12/24 09:40	12/18/24 22:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2520		50.4		mg/Kg			12/12/24 16:11	5

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-52122-21

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:18	12/12/24 18:58	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:18	12/12/24 18:58	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:18	12/12/24 18:58	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		12/12/24 09:18	12/12/24 18:58	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:18	12/12/24 18:58	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		12/12/24 09:18	12/12/24 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/12/24 09:18	12/12/24 18:58	1
1,4-Difluorobenzene (Surr)	102		70 - 130	12/12/24 09:18	12/12/24 18:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/12/24 18:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/18/24 22:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *	49.7		mg/Kg		12/12/24 09:40	12/18/24 22:31	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/12/24 09:40	12/18/24 22:31	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/12/24 09:40	12/18/24 22:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	12/12/24 09:40	12/18/24 22:31	1
o-Terphenyl	88		70 - 130	12/12/24 09:40	12/18/24 22:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2820		49.6		mg/Kg			12/12/24 16:17	5

Client Sample ID: S-4 (3.0')

Lab Sample ID: 880-52122-22

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:18	12/12/24 19:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:18	12/12/24 19:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:18	12/12/24 19:19	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/12/24 09:18	12/12/24 19:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:18	12/12/24 19:19	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/12/24 09:18	12/12/24 19:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	12/12/24 09:18	12/12/24 19:19	1
1,4-Difluorobenzene (Surr)	104		70 - 130	12/12/24 09:18	12/12/24 19:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-4 (3.0')

Lab Sample ID: 880-52122-22

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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			12/12/24 19:19	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			12/18/24 22:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/12/24 09:40	12/18/24 22:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:40	12/18/24 22:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:40	12/18/24 22:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				12/12/24 09:40	12/18/24 22:46	1
o-Terphenyl	78		70 - 130				12/12/24 09:40	12/18/24 22:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3530		50.5		mg/Kg			12/12/24 16:23	5

Client Sample ID: S-4 (4.0')

Lab Sample ID: 880-52122-23

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 10:42	12/13/24 04:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/13/24 04:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/13/24 04:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/12/24 10:42	12/13/24 04:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/13/24 04:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/12/24 10:42	12/13/24 04:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				12/12/24 10:42	12/13/24 04:28	1
1,4-Difluorobenzene (Surr)	94		70 - 130				12/12/24 10:42	12/13/24 04:28	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			12/13/24 04:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/18/24 23:01	1

Method: SW846 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		12/12/24 09:40	12/18/24 23:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/24 09:40	12/18/24 23:01	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-4 (4.0')

Lab Sample ID: 880-52122-23

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 09:40	12/18/24 23:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				12/12/24 09:40	12/18/24 23:01	1
o-Terphenyl	88		70 - 130				12/12/24 09:40	12/18/24 23:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3860		49.7		mg/Kg			12/12/24 16:29	5

Client Sample ID: S-4 (5.0')

Lab Sample ID: 880-52122-24

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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		12/12/24 10:42	12/13/24 04:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:42	12/13/24 04:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:42	12/13/24 04:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/12/24 10:42	12/13/24 04:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:42	12/13/24 04:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/24 10:42	12/13/24 04:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				12/12/24 10:42	12/13/24 04:49	1
1,4-Difluorobenzene (Surr)	94		70 - 130				12/12/24 10:42	12/13/24 04:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/13/24 04:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/18/24 23:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/12/24 09:40	12/18/24 23:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:40	12/18/24 23:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/24 09:40	12/18/24 23:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				12/12/24 09:40	12/18/24 23:31	1
o-Terphenyl	91		70 - 130				12/12/24 09:40	12/18/24 23:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680	F1	49.9		mg/Kg			12/12/24 16:35	5

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Surrogate Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

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)
880-52122-1	S-1 (0-1')	118	94
880-52122-2	S-1 (1.5')	115	92
880-52122-3	S-1 (2.0')	120	95
880-52122-4	S-1 (3.0')	119	94
880-52122-5	S-1 (4.0')	119	93
880-52122-6	S-1 (5.0')	124	94
880-52122-7	S-2 (0-1')	115	93
880-52122-8	S-2 (1.5')	121	94
880-52122-9	S-2 (2.0')	117	93
880-52122-10	S-2 (3.0')	118	93
880-52122-11	S-2 (4.0')	118	96
880-52122-12	S-2 (5.0')	119	93
880-52122-13	S-3 (0-1')	120	95
880-52122-14	S-3 (1.5')	114	94
880-52122-15	S-3 (2.0')	95	88
880-52122-16	S-3 (3.0')	117	106
880-52122-17	S-3 (4.0')	121	95
880-52122-18	S-3 (5.0')	122	102
880-52122-19	S-4 (0-1')	114	102
880-52122-20	S-4 (1.5')	123	97
880-52122-21	S-4 (2.0')	122	102
880-52122-22	S-4 (3.0')	130	104
880-52122-23	S-4 (4.0')	120	94
880-52122-24	S-4 (5.0')	120	94
880-52124-A-10-C MS	Matrix Spike	103	95
880-52124-A-10-D MSD	Matrix Spike Duplicate	101	96
890-7458-A-16-D MS	Matrix Spike	114	104
890-7458-A-16-E MSD	Matrix Spike Duplicate	159 S1+	97
890-7459-A-1-F MS	Matrix Spike	105	96
890-7459-A-1-G MSD	Matrix Spike Duplicate	104	96
LCS 880-97682/1-A	Lab Control Sample	108	99
LCS 880-97685/1-A	Lab Control Sample	116	97
LCS 880-97710/1-A	Lab Control Sample	101	95
LCSD 880-97682/2-A	Lab Control Sample Dup	98	96
LCSD 880-97685/2-A	Lab Control Sample Dup	115	102
LCSD 880-97710/2-A	Lab Control Sample Dup	101	97
MB 880-97682/5-A	Method Blank	119	88
MB 880-97685/5-A	Method Blank	210 S1+	116
MB 880-97710/5-A	Method Blank	114	89

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: Carmona Resources

Job ID: 880-52122-1

Project/Site: FC 813H

SDG: Eddy County NM

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)
880-52121-A-1-E MS	Matrix Spike	103	91
880-52121-A-1-F MSD	Matrix Spike Duplicate	106	94
880-52122-1	S-1 (0-1')	99	102
880-52122-2	S-1 (1.5')	95	98
880-52122-3	S-1 (2.0')	93	97
880-52122-4	S-1 (3.0')	90	92
880-52122-5	S-1 (4.0')	94	99
880-52122-6	S-1 (5.0')	100	102
880-52122-7	S-2 (0-1')	103	103
880-52122-8	S-2 (1.5')	105	105
880-52122-9	S-2 (2.0')	94	95
880-52122-10	S-2 (3.0')	105	104
880-52122-11	S-2 (4.0')	102	104
880-52122-12	S-2 (5.0')	106	106
880-52122-13	S-3 (0-1')	98	97
880-52122-14	S-3 (1.5')	102	89
880-52122-14 MS	S-3 (1.5')	101	83
880-52122-14 MSD	S-3 (1.5')	98	80
880-52122-15	S-3 (2.0')	95	85
880-52122-16	S-3 (3.0')	98	86
880-52122-17	S-3 (4.0')	102	91
880-52122-18	S-3 (5.0')	107	96
880-52122-19	S-4 (0-1')	100	86
880-52122-20	S-4 (1.5')	101	87
880-52122-21	S-4 (2.0')	100	88
880-52122-22	S-4 (3.0')	90	78
880-52122-23	S-4 (4.0')	102	88
880-52122-24	S-4 (5.0')	104	91
LCS 880-97701/2-A	Lab Control Sample	114	103
LCS 880-97703/2-A	Lab Control Sample	125	98
LCSD 880-97701/3-A	Lab Control Sample Dup	109	97
LCSD 880-97703/3-A	Lab Control Sample Dup	115	92
MB 880-97701/1-A	Method Blank	71	75
MB 880-97703/1-A	Method Blank	74	65 S1-

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-97682/5-A

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97682

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 11:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 11:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 11:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/24 09:12	12/12/24 11:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 11:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/24 09:12	12/12/24 11:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	12/12/24 09:12	12/12/24 11:01	1
1,4-Difluorobenzene (Surr)	88		70 - 130	12/12/24 09:12	12/12/24 11:01	1

Lab Sample ID: LCS 880-97682/1-A

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97682

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1191		mg/Kg		119	70 - 130
Toluene	0.100	0.1138		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1159		mg/Kg		116	70 - 130
m-Xylene & p-Xylene	0.200	0.2340		mg/Kg		117	70 - 130
o-Xylene	0.100	0.1188		mg/Kg		119	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-97682/2-A

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97682

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1146		mg/Kg		115	70 - 130	4	35
Toluene	0.100	0.1085		mg/Kg		108	70 - 130	5	35
Ethylbenzene	0.100	0.1104		mg/Kg		110	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2217		mg/Kg		111	70 - 130	5	35
o-Xylene	0.100	0.1125		mg/Kg		112	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-7459-A-1-F MS

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 97682

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.101	0.09605		mg/Kg		95	70 - 130
Toluene	<0.00200	U	0.101	0.08940		mg/Kg		89	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

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

Lab Sample ID: 890-7459-A-1-F MS

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 97682

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.101	0.08856		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.202	0.1765		mg/Kg		88	70 - 130
o-Xylene	<0.00200	U	0.101	0.08906		mg/Kg		88	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-7459-A-1-G MSD

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 97682

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0998	0.1030		mg/Kg		103	70 - 130	7	35
Toluene	<0.00200	U	0.0998	0.09677		mg/Kg		97	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.0998	0.09695		mg/Kg		97	70 - 130	9	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1937		mg/Kg		97	70 - 130	9	35
o-Xylene	<0.00200	U	0.0998	0.09833		mg/Kg		99	70 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-97685/5-A

Matrix: Solid

Analysis Batch: 97700

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97685

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:18	12/12/24 11:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:18	12/12/24 11:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:18	12/12/24 11:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/24 09:18	12/12/24 11:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:18	12/12/24 11:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/24 09:18	12/12/24 11:33	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	210	S1+	70 - 130	12/12/24 09:18	12/12/24 11:33	1
1,4-Difluorobenzene (Surr)	116		70 - 130	12/12/24 09:18	12/12/24 11:33	1

Lab Sample ID: LCS 880-97685/1-A

Matrix: Solid

Analysis Batch: 97700

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97685

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1095		mg/Kg		109	70 - 130
Toluene	0.100	0.1074		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1043		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2569		mg/Kg		128	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-97685/1-A

Matrix: Solid

Analysis Batch: 97700

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97685

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1285		mg/Kg		129	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-97685/2-A

Matrix: Solid

Analysis Batch: 97700

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97685

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1063		mg/Kg		106	70 - 130	3	35
Toluene	0.100	0.1127		mg/Kg		113	70 - 130	5	35
Ethylbenzene	0.100	0.1029		mg/Kg		103	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2511		mg/Kg		126	70 - 130	2	35
o-Xylene	0.100	0.1264		mg/Kg		126	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-7458-A-16-D MS

Matrix: Solid

Analysis Batch: 97700

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 97685

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.101	0.1007		mg/Kg		100	70 - 130
Toluene	<0.00200	U	0.101	0.1003		mg/Kg		99	70 - 130
Ethylbenzene	<0.00200	U	0.101	0.09455		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1	0.202	0.2224		mg/Kg		110	70 - 130
o-Xylene	<0.00200	U F1	0.101	0.1202		mg/Kg		119	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-7458-A-16-E MSD

Matrix: Solid

Analysis Batch: 97700

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 97685

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0998	0.09888		mg/Kg		99	70 - 130	2	35
Toluene	<0.00200	U	0.0998	0.1003		mg/Kg		100	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.0998	0.07749		mg/Kg		78	70 - 130	20	35
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.2799	F1	mg/Kg		140	70 - 130	23	35
o-Xylene	<0.00200	U F1	0.0998	0.1517	F1	mg/Kg		152	70 - 130	23	35

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

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

Lab Sample ID: 890-7458-A-16-E MSD

Matrix: Solid

Analysis Batch: 97700

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 97685

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-97710/5-A

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97710

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/12/24 21:36	1	
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/12/24 21:36	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/12/24 21:36	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/24 10:42	12/12/24 21:36	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/12/24 21:36	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/24 10:42	12/12/24 21:36	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				12/12/24 10:42	12/12/24 21:36	1	
1,4-Difluorobenzene (Surr)	89		70 - 130				12/12/24 10:42	12/12/24 21:36	1	

Lab Sample ID: LCS 880-97710/1-A

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97710

Analyte	Spike	LCS	LCS						%Rec	
	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.1005		mg/Kg		101	70 - 130			
Toluene	0.100	0.09824		mg/Kg		98	70 - 130			
Ethylbenzene	0.100	0.1006		mg/Kg		101	70 - 130			
m-Xylene & p-Xylene	0.200	0.1954		mg/Kg		98	70 - 130			
o-Xylene	0.100	0.1010		mg/Kg		101	70 - 130			
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	101		70 - 130							
1,4-Difluorobenzene (Surr)	95		70 - 130							

Lab Sample ID: LCSD 880-97710/2-A

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97710

Analyte	Spike	LCSD	LCSD						%Rec	RPD	Limit
	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD			
Benzene	0.100	0.1054		mg/Kg		105	70 - 130	5		35	
Toluene	0.100	0.1037		mg/Kg		104	70 - 130	5		35	
Ethylbenzene	0.100	0.1080		mg/Kg		108	70 - 130	7		35	
m-Xylene & p-Xylene	0.200	0.2102		mg/Kg		105	70 - 130	7		35	
o-Xylene	0.100	0.1088		mg/Kg		109	70 - 130	7		35	
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	101		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

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

Lab Sample ID: LCSD 880-97710/2-A

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97710

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-52124-A-10-C MS

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 97710

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00200	U	0.101	0.1022		mg/Kg		101	70 - 130
Toluene	<0.00200	U	0.101	0.09554		mg/Kg		95	70 - 130
Ethylbenzene	<0.00200	U	0.101	0.09713		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.202	0.1917		mg/Kg		95	70 - 130
o-Xylene	<0.00200	U	0.101	0.09698		mg/Kg		96	70 - 130
	MS	MS							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	95		70 - 130						

Lab Sample ID: 880-52124-A-10-D MSD

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 97710

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.0998	0.1036		mg/Kg		104	70 - 130	1	35
Toluene	<0.00200	U	0.0998	0.09551		mg/Kg		96	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.0998	0.09641		mg/Kg		97	70 - 130	1	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1903		mg/Kg		95	70 - 130	1	35
o-Xylene	<0.00200	U	0.0998	0.09628		mg/Kg		96	70 - 130	1	35
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	101		70 - 130								
1,4-Difluorobenzene (Surr)	96		70 - 130								

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

Lab Sample ID: MB 880-97701/1-A

Matrix: Solid

Analysis Batch: 97842

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97701

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 12:13		1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 12:13		1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 12:13		1
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	71		70 - 130				12/12/24 09:36	12/13/24 12:13		1
o-Terphenyl	75		70 - 130				12/12/24 09:36	12/13/24 12:13		1

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-97701/2-A

Matrix: Solid

Analysis Batch: 97842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97701

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	962.9		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	988.0		mg/Kg		99	70 - 130
		LCS	LCS				
		%Recovery	Qualifier				
Surrogate			Limits				
1-Chlorooctane		114	70 - 130				
o-Terphenyl		103	70 - 130				

Lab Sample ID: LCSD 880-97701/3-A

Matrix: Solid

Analysis Batch: 97842

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97701

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	953.0		mg/Kg		95	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	964.8		mg/Kg		96	70 - 130	2	20
		LCSD	LCSD						
		%Recovery	Qualifier						
Surrogate			Limits						
1-Chlorooctane		109	70 - 130						
o-Terphenyl		97	70 - 130						

Lab Sample ID: 880-52121-A-1-E MS

Matrix: Solid

Analysis Batch: 97842

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 97701

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	997	906.5		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	837.0		mg/Kg		82	70 - 130
		MS	MS						
		%Recovery	Qualifier						
Surrogate			Limits						
1-Chlorooctane		103	70 - 130						
o-Terphenyl		91	70 - 130						

Lab Sample ID: 880-52121-A-1-F MSD

Matrix: Solid

Analysis Batch: 97842

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 97701

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	920.4		mg/Kg		92	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	851.4		mg/Kg		84	70 - 130	2	20
		MSD	MSD								
		%Recovery	Qualifier								
Surrogate			Limits								
1-Chlorooctane		106	70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

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

Lab Sample ID: 880-52121-A-1-F MSD

Matrix: Solid

Analysis Batch: 97842

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 97701

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	94		70 - 130

Lab Sample ID: MB 880-97703/1-A

Matrix: Solid

Analysis Batch: 98179

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97703

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/12/24 09:40	12/18/24 19:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:40	12/18/24 19:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:40	12/18/24 19:33	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	74		70 - 130				12/12/24 09:40	12/18/24 19:33	1
<i>o</i> -Terphenyl	65	S1-	70 - 130				12/12/24 09:40	12/18/24 19:33	1

Lab Sample ID: LCS 880-97703/2-A

Matrix: Solid

Analysis Batch: 98179

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97703

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1308	*+	mg/Kg		131	70 - 130
Diesel Range Organics (Over C10-C28)	1000	988.7		mg/Kg		99	70 - 130
Surrogate	LCS	LCS	Limits				
	%Recovery	Qualifier					
1-Chlorooctane	125		70 - 130				
<i>o</i> -Terphenyl	98		70 - 130				

Lab Sample ID: LCSD 880-97703/3-A

Matrix: Solid

Analysis Batch: 98179

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97703

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1098		mg/Kg		110	70 - 130	17	20
Diesel Range Organics (Over C10-C28)	1000	869.0		mg/Kg		87	70 - 130	13	20
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
1-Chlorooctane	115		70 - 130						
<i>o</i> -Terphenyl	92		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

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

Lab Sample ID: 880-52122-14 MS

Matrix: Solid

Analysis Batch: 98179

Client Sample ID: S-3 (1.5')

Prep Type: Total/NA

Prep Batch: 97703

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 *+	995	847.7		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	642.7	F1	mg/Kg		65	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	101		70 - 130						
o-Terphenyl	83		70 - 130						

Lab Sample ID: 880-52122-14 MSD

Matrix: Solid

Analysis Batch: 98179

Client Sample ID: S-3 (1.5')

Prep Type: Total/NA

Prep Batch: 97703

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 *+	995	796.0		mg/Kg		80	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	607.2	F1	mg/Kg		61	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	98		70 - 130								
o-Terphenyl	80		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-97683/1-A

Matrix: Solid

Analysis Batch: 97716

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/12/24 11:58	1

Lab Sample ID: LCS 880-97683/2-A

Matrix: Solid

Analysis Batch: 97716

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	237.9		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-97683/3-A

Matrix: Solid

Analysis Batch: 97716

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	234.4		mg/Kg		94	90 - 110	1	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-52122-4 MS

Matrix: Solid

Analysis Batch: 97716

Client Sample ID: S-1 (3.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4230	F1	2490	7361	F1	mg/Kg		126	90 - 110

Lab Sample ID: 880-52122-4 MSD

Matrix: Solid

Analysis Batch: 97716

Client Sample ID: S-1 (3.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4230	F1	2490	7363	F1	mg/Kg		126	90 - 110	0	20

Lab Sample ID: MB 880-97699/1-A

Matrix: Solid

Analysis Batch: 97720

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/12/24 14:55	1

Lab Sample ID: LCS 880-97699/2-A

Matrix: Solid

Analysis Batch: 97720

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-97699/3-A

Matrix: Solid

Analysis Batch: 97720

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	257.8		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-52122-14 MS

Matrix: Solid

Analysis Batch: 97720

Client Sample ID: S-3 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3620	F1	2520	8132	F1	mg/Kg		179	90 - 110

Lab Sample ID: 880-52122-14 MSD

Matrix: Solid

Analysis Batch: 97720

Client Sample ID: S-3 (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	3620	F1	2520	8129	F1	mg/Kg		179	90 - 110	0	20

Lab Sample ID: 880-52122-24 MS

Matrix: Solid

Analysis Batch: 97720

Client Sample ID: S-4 (5.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3680	F1	1250	5694	F1	mg/Kg		161	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-52122-24 MSD							Client Sample ID: S-4 (5.0')					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 97720												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	3680	F1	1250	5700	F1	mg/Kg		161	90 - 110	0	20	

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

GC VOA

Analysis Batch: 97662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-1	S-1 (0-1')	Total/NA	Solid	8021B	97682
880-52122-2	S-1 (1.5')	Total/NA	Solid	8021B	97682
880-52122-3	S-1 (2.0')	Total/NA	Solid	8021B	97682
880-52122-4	S-1 (3.0')	Total/NA	Solid	8021B	97682
880-52122-5	S-1 (4.0')	Total/NA	Solid	8021B	97682
880-52122-6	S-1 (5.0')	Total/NA	Solid	8021B	97682
880-52122-7	S-2 (0-1')	Total/NA	Solid	8021B	97682
880-52122-8	S-2 (1.5')	Total/NA	Solid	8021B	97682
880-52122-9	S-2 (2.0')	Total/NA	Solid	8021B	97682
880-52122-10	S-2 (3.0')	Total/NA	Solid	8021B	97682
880-52122-11	S-2 (4.0')	Total/NA	Solid	8021B	97682
880-52122-12	S-2 (5.0')	Total/NA	Solid	8021B	97682
880-52122-13	S-3 (0-1')	Total/NA	Solid	8021B	97682
880-52122-14	S-3 (1.5')	Total/NA	Solid	8021B	97682
880-52122-23	S-4 (4.0')	Total/NA	Solid	8021B	97710
880-52122-24	S-4 (5.0')	Total/NA	Solid	8021B	97710
MB 880-97682/5-A	Method Blank	Total/NA	Solid	8021B	97682
MB 880-97710/5-A	Method Blank	Total/NA	Solid	8021B	97710
LCS 880-97682/1-A	Lab Control Sample	Total/NA	Solid	8021B	97682
LCS 880-97710/1-A	Lab Control Sample	Total/NA	Solid	8021B	97710
LCSD 880-97682/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97682
LCSD 880-97710/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97710
880-52124-A-10-C MS	Matrix Spike	Total/NA	Solid	8021B	97710
880-52124-A-10-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	97710
890-7459-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	97682
890-7459-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	97682

Prep Batch: 97682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-1	S-1 (0-1')	Total/NA	Solid	5035	
880-52122-2	S-1 (1.5')	Total/NA	Solid	5035	
880-52122-3	S-1 (2.0')	Total/NA	Solid	5035	
880-52122-4	S-1 (3.0')	Total/NA	Solid	5035	
880-52122-5	S-1 (4.0')	Total/NA	Solid	5035	
880-52122-6	S-1 (5.0')	Total/NA	Solid	5035	
880-52122-7	S-2 (0-1')	Total/NA	Solid	5035	
880-52122-8	S-2 (1.5')	Total/NA	Solid	5035	
880-52122-9	S-2 (2.0')	Total/NA	Solid	5035	
880-52122-10	S-2 (3.0')	Total/NA	Solid	5035	
880-52122-11	S-2 (4.0')	Total/NA	Solid	5035	
880-52122-12	S-2 (5.0')	Total/NA	Solid	5035	
880-52122-13	S-3 (0-1')	Total/NA	Solid	5035	
880-52122-14	S-3 (1.5')	Total/NA	Solid	5035	
MB 880-97682/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97682/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97682/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7459-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
890-7459-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

GC VOA

Prep Batch: 97685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-15	S-3 (2.0')	Total/NA	Solid	5035	
880-52122-16	S-3 (3.0')	Total/NA	Solid	5035	
880-52122-17	S-3 (4.0')	Total/NA	Solid	5035	
880-52122-18	S-3 (5.0')	Total/NA	Solid	5035	
880-52122-19	S-4 (0-1')	Total/NA	Solid	5035	
880-52122-20	S-4 (1.5')	Total/NA	Solid	5035	
880-52122-21	S-4 (2.0')	Total/NA	Solid	5035	
880-52122-22	S-4 (3.0')	Total/NA	Solid	5035	
MB 880-97685/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97685/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97685/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7458-A-16-D MS	Matrix Spike	Total/NA	Solid	5035	
890-7458-A-16-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 97700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-15	S-3 (2.0')	Total/NA	Solid	8021B	97685
880-52122-16	S-3 (3.0')	Total/NA	Solid	8021B	97685
880-52122-17	S-3 (4.0')	Total/NA	Solid	8021B	97685
880-52122-18	S-3 (5.0')	Total/NA	Solid	8021B	97685
880-52122-19	S-4 (0-1')	Total/NA	Solid	8021B	97685
880-52122-20	S-4 (1.5')	Total/NA	Solid	8021B	97685
880-52122-21	S-4 (2.0')	Total/NA	Solid	8021B	97685
880-52122-22	S-4 (3.0')	Total/NA	Solid	8021B	97685
MB 880-97685/5-A	Method Blank	Total/NA	Solid	8021B	97685
LCS 880-97685/1-A	Lab Control Sample	Total/NA	Solid	8021B	97685
LCSD 880-97685/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97685
890-7458-A-16-D MS	Matrix Spike	Total/NA	Solid	8021B	97685
890-7458-A-16-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	97685

Prep Batch: 97710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-23	S-4 (4.0')	Total/NA	Solid	5035	
880-52122-24	S-4 (5.0')	Total/NA	Solid	5035	
MB 880-97710/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97710/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97710/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-52124-A-10-C MS	Matrix Spike	Total/NA	Solid	5035	
880-52124-A-10-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 97758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-52122-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-52122-3	S-1 (2.0')	Total/NA	Solid	Total BTEX	
880-52122-4	S-1 (3.0')	Total/NA	Solid	Total BTEX	
880-52122-5	S-1 (4.0')	Total/NA	Solid	Total BTEX	
880-52122-6	S-1 (5.0')	Total/NA	Solid	Total BTEX	
880-52122-7	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-52122-8	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-52122-9	S-2 (2.0')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

GC VOA (Continued)

Analysis Batch: 97758 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-10	S-2 (3.0')	Total/NA	Solid	Total BTEX	
880-52122-11	S-2 (4.0')	Total/NA	Solid	Total BTEX	
880-52122-12	S-2 (5.0')	Total/NA	Solid	Total BTEX	
880-52122-13	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-52122-14	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-52122-15	S-3 (2.0')	Total/NA	Solid	Total BTEX	
880-52122-16	S-3 (3.0')	Total/NA	Solid	Total BTEX	
880-52122-17	S-3 (4.0')	Total/NA	Solid	Total BTEX	
880-52122-18	S-3 (5.0')	Total/NA	Solid	Total BTEX	
880-52122-19	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-52122-20	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-52122-21	S-4 (2.0')	Total/NA	Solid	Total BTEX	
880-52122-22	S-4 (3.0')	Total/NA	Solid	Total BTEX	
880-52122-23	S-4 (4.0')	Total/NA	Solid	Total BTEX	
880-52122-24	S-4 (5.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 97701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-52122-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-52122-3	S-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-52122-4	S-1 (3.0')	Total/NA	Solid	8015NM Prep	
880-52122-5	S-1 (4.0')	Total/NA	Solid	8015NM Prep	
880-52122-6	S-1 (5.0')	Total/NA	Solid	8015NM Prep	
880-52122-7	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-52122-8	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-52122-9	S-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-52122-10	S-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-52122-11	S-2 (4.0')	Total/NA	Solid	8015NM Prep	
880-52122-12	S-2 (5.0')	Total/NA	Solid	8015NM Prep	
880-52122-13	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-97701/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-97701/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-97701/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-52121-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-52121-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 97703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-14	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-52122-15	S-3 (2.0')	Total/NA	Solid	8015NM Prep	
880-52122-16	S-3 (3.0')	Total/NA	Solid	8015NM Prep	
880-52122-17	S-3 (4.0')	Total/NA	Solid	8015NM Prep	
880-52122-18	S-3 (5.0')	Total/NA	Solid	8015NM Prep	
880-52122-19	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-52122-20	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-52122-21	S-4 (2.0')	Total/NA	Solid	8015NM Prep	
880-52122-22	S-4 (3.0')	Total/NA	Solid	8015NM Prep	
880-52122-23	S-4 (4.0')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Prep Batch: 97703 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-24	S-4 (5.0')	Total/NA	Solid	8015NM Prep	
MB 880-97703/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-97703/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-97703/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-52122-14 MS	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-52122-14 MSD	S-3 (1.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 97842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-1	S-1 (0-1')	Total/NA	Solid	8015B NM	97701
880-52122-2	S-1 (1.5')	Total/NA	Solid	8015B NM	97701
880-52122-3	S-1 (2.0')	Total/NA	Solid	8015B NM	97701
880-52122-4	S-1 (3.0')	Total/NA	Solid	8015B NM	97701
880-52122-5	S-1 (4.0')	Total/NA	Solid	8015B NM	97701
880-52122-6	S-1 (5.0')	Total/NA	Solid	8015B NM	97701
880-52122-7	S-2 (0-1')	Total/NA	Solid	8015B NM	97701
880-52122-8	S-2 (1.5')	Total/NA	Solid	8015B NM	97701
880-52122-9	S-2 (2.0')	Total/NA	Solid	8015B NM	97701
880-52122-10	S-2 (3.0')	Total/NA	Solid	8015B NM	97701
880-52122-11	S-2 (4.0')	Total/NA	Solid	8015B NM	97701
880-52122-12	S-2 (5.0')	Total/NA	Solid	8015B NM	97701
880-52122-13	S-3 (0-1')	Total/NA	Solid	8015B NM	97701
MB 880-97701/1-A	Method Blank	Total/NA	Solid	8015B NM	97701
LCS 880-97701/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	97701
LCSD 880-97701/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	97701
880-52121-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	97701
880-52121-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	97701

Analysis Batch: 97984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-52122-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-52122-3	S-1 (2.0')	Total/NA	Solid	8015 NM	
880-52122-4	S-1 (3.0')	Total/NA	Solid	8015 NM	
880-52122-5	S-1 (4.0')	Total/NA	Solid	8015 NM	
880-52122-6	S-1 (5.0')	Total/NA	Solid	8015 NM	
880-52122-7	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-52122-8	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-52122-9	S-2 (2.0')	Total/NA	Solid	8015 NM	
880-52122-10	S-2 (3.0')	Total/NA	Solid	8015 NM	
880-52122-11	S-2 (4.0')	Total/NA	Solid	8015 NM	
880-52122-12	S-2 (5.0')	Total/NA	Solid	8015 NM	
880-52122-13	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-52122-14	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-52122-15	S-3 (2.0')	Total/NA	Solid	8015 NM	
880-52122-16	S-3 (3.0')	Total/NA	Solid	8015 NM	
880-52122-17	S-3 (4.0')	Total/NA	Solid	8015 NM	
880-52122-18	S-3 (5.0')	Total/NA	Solid	8015 NM	
880-52122-19	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-52122-20	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-52122-21	S-4 (2.0')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Analysis Batch: 97984 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-22	S-4 (3.0')	Total/NA	Solid	8015 NM	
880-52122-23	S-4 (4.0')	Total/NA	Solid	8015 NM	
880-52122-24	S-4 (5.0')	Total/NA	Solid	8015 NM	

Analysis Batch: 98179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-14	S-3 (1.5')	Total/NA	Solid	8015B NM	97703
880-52122-15	S-3 (2.0')	Total/NA	Solid	8015B NM	97703
880-52122-16	S-3 (3.0')	Total/NA	Solid	8015B NM	97703
880-52122-17	S-3 (4.0')	Total/NA	Solid	8015B NM	97703
880-52122-18	S-3 (5.0')	Total/NA	Solid	8015B NM	97703
880-52122-19	S-4 (0-1')	Total/NA	Solid	8015B NM	97703
880-52122-20	S-4 (1.5')	Total/NA	Solid	8015B NM	97703
880-52122-21	S-4 (2.0')	Total/NA	Solid	8015B NM	97703
880-52122-22	S-4 (3.0')	Total/NA	Solid	8015B NM	97703
880-52122-23	S-4 (4.0')	Total/NA	Solid	8015B NM	97703
880-52122-24	S-4 (5.0')	Total/NA	Solid	8015B NM	97703
MB 880-97703/1-A	Method Blank	Total/NA	Solid	8015B NM	97703
LCS 880-97703/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	97703
LCSD 880-97703/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	97703
880-52122-14 MS	S-3 (1.5')	Total/NA	Solid	8015B NM	97703
880-52122-14 MSD	S-3 (1.5')	Total/NA	Solid	8015B NM	97703

HPLC/IC

Leach Batch: 97683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-52122-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-52122-3	S-1 (2.0')	Soluble	Solid	DI Leach	
880-52122-4	S-1 (3.0')	Soluble	Solid	DI Leach	
880-52122-5	S-1 (4.0')	Soluble	Solid	DI Leach	
880-52122-6	S-1 (5.0')	Soluble	Solid	DI Leach	
880-52122-7	S-2 (0-1')	Soluble	Solid	DI Leach	
880-52122-8	S-2 (1.5')	Soluble	Solid	DI Leach	
880-52122-9	S-2 (2.0')	Soluble	Solid	DI Leach	
880-52122-10	S-2 (3.0')	Soluble	Solid	DI Leach	
880-52122-11	S-2 (4.0')	Soluble	Solid	DI Leach	
880-52122-12	S-2 (5.0')	Soluble	Solid	DI Leach	
880-52122-13	S-3 (0-1')	Soluble	Solid	DI Leach	
MB 880-97683/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-97683/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-97683/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-52122-4 MS	S-1 (3.0')	Soluble	Solid	DI Leach	
880-52122-4 MSD	S-1 (3.0')	Soluble	Solid	DI Leach	

Leach Batch: 97699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-14	S-3 (1.5')	Soluble	Solid	DI Leach	
880-52122-15	S-3 (2.0')	Soluble	Solid	DI Leach	
880-52122-16	S-3 (3.0')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

HPLC/IC (Continued)

Leach Batch: 97699 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-17	S-3 (4.0')	Soluble	Solid	DI Leach	
880-52122-18	S-3 (5.0')	Soluble	Solid	DI Leach	
880-52122-19	S-4 (0-1')	Soluble	Solid	DI Leach	
880-52122-20	S-4 (1.5')	Soluble	Solid	DI Leach	
880-52122-21	S-4 (2.0')	Soluble	Solid	DI Leach	
880-52122-22	S-4 (3.0')	Soluble	Solid	DI Leach	
880-52122-23	S-4 (4.0')	Soluble	Solid	DI Leach	
880-52122-24	S-4 (5.0')	Soluble	Solid	DI Leach	
MB 880-97699/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-97699/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-97699/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-52122-14 MS	S-3 (1.5')	Soluble	Solid	DI Leach	
880-52122-14 MSD	S-3 (1.5')	Soluble	Solid	DI Leach	
880-52122-24 MS	S-4 (5.0')	Soluble	Solid	DI Leach	
880-52122-24 MSD	S-4 (5.0')	Soluble	Solid	DI Leach	

Analysis Batch: 97716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-1	S-1 (0-1')	Soluble	Solid	300.0	97683
880-52122-2	S-1 (1.5')	Soluble	Solid	300.0	97683
880-52122-3	S-1 (2.0')	Soluble	Solid	300.0	97683
880-52122-4	S-1 (3.0')	Soluble	Solid	300.0	97683
880-52122-5	S-1 (4.0')	Soluble	Solid	300.0	97683
880-52122-6	S-1 (5.0')	Soluble	Solid	300.0	97683
880-52122-7	S-2 (0-1')	Soluble	Solid	300.0	97683
880-52122-8	S-2 (1.5')	Soluble	Solid	300.0	97683
880-52122-9	S-2 (2.0')	Soluble	Solid	300.0	97683
880-52122-10	S-2 (3.0')	Soluble	Solid	300.0	97683
880-52122-11	S-2 (4.0')	Soluble	Solid	300.0	97683
880-52122-12	S-2 (5.0')	Soluble	Solid	300.0	97683
880-52122-13	S-3 (0-1')	Soluble	Solid	300.0	97683
MB 880-97683/1-A	Method Blank	Soluble	Solid	300.0	97683
LCS 880-97683/2-A	Lab Control Sample	Soluble	Solid	300.0	97683
LCSD 880-97683/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	97683
880-52122-4 MS	S-1 (3.0')	Soluble	Solid	300.0	97683
880-52122-4 MSD	S-1 (3.0')	Soluble	Solid	300.0	97683

Analysis Batch: 97720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52122-14	S-3 (1.5')	Soluble	Solid	300.0	97699
880-52122-15	S-3 (2.0')	Soluble	Solid	300.0	97699
880-52122-16	S-3 (3.0')	Soluble	Solid	300.0	97699
880-52122-17	S-3 (4.0')	Soluble	Solid	300.0	97699
880-52122-18	S-3 (5.0')	Soluble	Solid	300.0	97699
880-52122-19	S-4 (0-1')	Soluble	Solid	300.0	97699
880-52122-20	S-4 (1.5')	Soluble	Solid	300.0	97699
880-52122-21	S-4 (2.0')	Soluble	Solid	300.0	97699
880-52122-22	S-4 (3.0')	Soluble	Solid	300.0	97699
880-52122-23	S-4 (4.0')	Soluble	Solid	300.0	97699
880-52122-24	S-4 (5.0')	Soluble	Solid	300.0	97699
MB 880-97699/1-A	Method Blank	Soluble	Solid	300.0	97699

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QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

HPLC/IC (Continued)

Analysis Batch: 97720 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-97699/2-A	Lab Control Sample	Soluble	Solid	300.0	97699
LCSD 880-97699/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	97699
880-52122-14 MS	S-3 (1.5')	Soluble	Solid	300.0	97699
880-52122-14 MSD	S-3 (1.5')	Soluble	Solid	300.0	97699
880-52122-24 MS	S-4 (5.0')	Soluble	Solid	300.0	97699
880-52122-24 MSD	S-4 (5.0')	Soluble	Solid	300.0	97699

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-1 (0-1')
Date Collected: 12/10/24 00:00
Date Received: 12/11/24 15:10

Lab Sample ID: 880-52122-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	97682	12/12/24 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 13:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 13:26	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/13/24 15:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 15:48	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97716	12/12/24 13:12	CH	EET MID

Client Sample ID: S-1 (1.5')
Date Collected: 12/10/24 00:00
Date Received: 12/11/24 15:10

Lab Sample ID: 880-52122-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	97682	12/12/24 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 13:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 13:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/13/24 16:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 16:02	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	97716	12/12/24 13:18	CH	EET MID

Client Sample ID: S-1 (2.0')
Date Collected: 12/10/24 00:00
Date Received: 12/11/24 15:10

Lab Sample ID: 880-52122-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	97682	12/12/24 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 14:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 14:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/13/24 16:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 16:18	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	97716	12/12/24 13:23	CH	EET MID

Client Sample ID: S-1 (3.0')
Date Collected: 12/10/24 00:00
Date Received: 12/11/24 15:10

Lab Sample ID: 880-52122-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	97682	12/12/24 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 14:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 14:27	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-52122-4

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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			97984	12/13/24 16:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 16:46	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	97716	12/12/24 13:28	CH	EET MID

Client Sample ID: S-1 (4.0')

Lab Sample ID: 880-52122-5

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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	97682	12/12/24 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 15:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 15:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/13/24 17:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 17:01	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97716	12/12/24 13:44	CH	EET MID

Client Sample ID: S-1 (5.0')

Lab Sample ID: 880-52122-6

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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	97682	12/12/24 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 16:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 16:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/13/24 17:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 17:16	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	97716	12/12/24 13:49	CH	EET MID

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

Lab Sample ID: 880-52122-7

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:10

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	97682	12/12/24 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 16:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 16:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/13/24 17:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 17:30	TKC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-2 (0-1')**Lab Sample ID: 880-52122-7****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97716	12/12/24 14:05	CH	EET MID

Client Sample ID: S-2 (1.5')**Lab Sample ID: 880-52122-8****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

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	97682	12/12/24 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 16:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 16:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/13/24 17:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 17:44	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97716	12/12/24 14:11	CH	EET MID

Client Sample ID: S-2 (2.0')**Lab Sample ID: 880-52122-9****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

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	97682	12/12/24 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 17:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 17:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/13/24 17:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 17:58	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	97716	12/12/24 14:16	CH	EET MID

Client Sample ID: S-2 (3.0')**Lab Sample ID: 880-52122-10****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

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	97682	12/12/24 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 17:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 17:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/13/24 18:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 18:12	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97716	12/12/24 14:21	CH	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-2 (4.0')**Lab Sample ID: 880-52122-11****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

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	97682	12/12/24 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 17:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 17:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/13/24 18:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 18:30	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97716	12/12/24 14:26	CH	EET MID

Client Sample ID: S-2 (5.0')**Lab Sample ID: 880-52122-12****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

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	97682	12/12/24 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 18:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 18:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/13/24 18:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 18:45	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	97716	12/12/24 14:32	CH	EET MID

Client Sample ID: S-3 (0-1')**Lab Sample ID: 880-52122-13****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	97682	12/12/24 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 18:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 18:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/13/24 18:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 18:59	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97716	12/12/24 14:37	CH	EET MID

Client Sample ID: S-3 (1.5')**Lab Sample ID: 880-52122-14****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

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	97682	12/12/24 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 18:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 18:54	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-3 (1.5')**Lab Sample ID: 880-52122-14****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

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			97984	12/18/24 20:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/18/24 20:18	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	97720	12/12/24 15:12	CH	EET MID

Client Sample ID: S-3 (2.0')**Lab Sample ID: 880-52122-15****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

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	97685	12/12/24 09:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97700	12/12/24 16:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 16:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/18/24 21:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/18/24 21:02	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	97720	12/12/24 15:30	CH	EET MID

Client Sample ID: S-3 (3.0')**Lab Sample ID: 880-52122-16****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

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	97685	12/12/24 09:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97700	12/12/24 17:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 17:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/18/24 21:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/18/24 21:17	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97720	12/12/24 15:36	CH	EET MID

Client Sample ID: S-3 (4.0')**Lab Sample ID: 880-52122-17****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

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	97685	12/12/24 09:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97700	12/12/24 17:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 17:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/18/24 21:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/18/24 21:31	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-3 (4.0')**Lab Sample ID: 880-52122-17****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

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	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	97720	12/12/24 15:42	CH	EET MID

Client Sample ID: S-3 (5.0')**Lab Sample ID: 880-52122-18****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

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	97685	12/12/24 09:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97700	12/12/24 17:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 17:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/18/24 21:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/18/24 21:47	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97720	12/12/24 15:48	CH	EET MID

Client Sample ID: S-4 (0-1')**Lab Sample ID: 880-52122-19****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

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	97685	12/12/24 09:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97700	12/12/24 18:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 18:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/18/24 22:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/18/24 22:01	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97720	12/12/24 16:06	CH	EET MID

Client Sample ID: S-4 (1.5')**Lab Sample ID: 880-52122-20****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

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	97685	12/12/24 09:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97700	12/12/24 18:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 18:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/18/24 22:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/18/24 22:16	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97720	12/12/24 16:11	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-4 (2.0')**Lab Sample ID: 880-52122-21****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	97685	12/12/24 09:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97700	12/12/24 18:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 18:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/18/24 22:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/18/24 22:31	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97720	12/12/24 16:17	CH	EET MID

Client Sample ID: S-4 (3.0')**Lab Sample ID: 880-52122-22****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

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	97685	12/12/24 09:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97700	12/12/24 19:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/12/24 19:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/18/24 22:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/18/24 22:46	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97720	12/12/24 16:23	CH	EET MID

Client Sample ID: S-4 (4.0')**Lab Sample ID: 880-52122-23****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

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	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/13/24 04:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/13/24 04:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97984	12/18/24 23:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/18/24 23:01	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97720	12/12/24 16:29	CH	EET MID

Client Sample ID: S-4 (5.0')**Lab Sample ID: 880-52122-24****Date Collected: 12/10/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:10**

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	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/13/24 04:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97758	12/13/24 04:49	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Client Sample ID: S-4 (5.0')
Date Collected: 12/10/24 00:00
Date Received: 12/11/24 15:10

Lab Sample ID: 880-52122-24
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			97984	12/18/24 23:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/18/24 23:31	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97720	12/12/24 16:35	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
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

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: FC 813H

Job ID: 880-52122-1
SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-52122-1	S-1 (0-1')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-2	S-1 (1.5')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-3	S-1 (2.0')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-4	S-1 (3.0')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-5	S-1 (4.0')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-6	S-1 (5.0')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-7	S-2 (0-1')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-8	S-2 (1.5')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-9	S-2 (2.0')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-10	S-2 (3.0')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-11	S-2 (4.0')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-12	S-2 (5.0')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-13	S-3 (0-1')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-14	S-3 (1.5')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-15	S-3 (2.0')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-16	S-3 (3.0')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-17	S-3 (4.0')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-18	S-3 (5.0')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-19	S-4 (0-1')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-20	S-4 (1.5')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-21	S-4 (2.0')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-22	S-4 (3.0')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-23	S-4 (4.0')	Solid	12/10/24 00:00	12/11/24 15:10
880-52122-24	S-4 (5.0')	Solid	12/10/24 00:00	12/11/24 15:10

Chain of Custody

Work Order No: _____

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Work Order Comments

Program: ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project: ☐ Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other: _____

Project Manager: Devin Dominguez

Company Name: Carmona Resources

Address: 310 W Wall St Ste 500

City, State ZIP: Midland, TX 79701

Phone: 432-701-5475

Bill to: (if different)

Company Name: Carmona Resources

Address: _____

City, State ZIP: _____

Email: mcarmona@carmonaresources.com

ANALYSIS REQUEST										Preservative Codes	
Project Name: FC813H		Turn Around		Pres. Code		None: NO		DI Water: H ₂ O			
Project Number: 2599		☒ Routine ☐ Rush				Cool: Cool		MeOH: Me			
Project Location: Eddy County, New Mexico		Due Date:		Standard		HCL: HC		HNO ₃ : HN			
Sampler's Name: JM						H ₂ SO ₄ : H ₂		NaOH: Na			
PO #: _____						H ₃ PO ₄ : HP					
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	Parameters	TPH 8015M (GRO + DRO + MRO)	BTEX 8021B	Chloride 300.0	Sample Comments
S-2 (4.0')	12/10/2024		X		G	1		X	X	X	
S-2 (5.0')	12/10/2024		X		G	1		X	X	X	
S-3 (0.1')	12/10/2024		X		G	1		X	X	X	
S-3 (1.5')	12/10/2024		X		G	1		X	X	X	
S-3 (2.0')	12/10/2024		X		G	1		X	X	X	
S-3 (3.0')	12/10/2024		X		G	1		X	X	X	
S-3 (4.0')	12/10/2024		X		G	1		X	X	X	
S-3 (5.0')	12/10/2024		X		G	1		X	X	X	
S-4 (0.1')	12/10/2024		X		G	1		X	X	X	
S-4 (1.5')	12/10/2024		X		G	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	12/11/24		12/11/24 1510

Chain of Custody

Work Order No:

Page 3 of 3

Project Manager:	Devin Dominguez	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-701-5475	Email:	mcarmona@carmonaresources.com

[illegible][illegible]

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	12/1/26		12/1/26

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-52122-1

SDG Number: Eddy County NM

Login Number: 52122

List Number: 1

Creator: Kramer, Jessica

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Devin Dominguez
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 12/16/2024 4:40:57 PM

JOB DESCRIPTION

FC 813H
Eddy County NM

JOB NUMBER

880-52121-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



Generated
12/16/2024 4:40:57 PM

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

Client: Carmona Resources
Project/Site: FC 813H

Laboratory Job ID: 880-52121-1
SDG: Eddy County NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: FC 813H

Job ID: 880-52121-1

Job ID: 880-52121-1

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Job Narrative 880-52121-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

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

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

Receipt

The samples were received on 12/11/2024 3:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.7°C.

GC VOA

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

Diesel Range Organics

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-97683 and analytical batch 880-97716 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.

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

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

Lab Sample ID: 880-52121-1

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:44	12/12/24 14:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 14:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 14:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/12/24 10:44	12/12/24 14:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 14:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/12/24 10:44	12/12/24 14:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	12/12/24 10:44	12/12/24 14:42	1
1,4-Difluorobenzene (Surr)	87		70 - 130	12/12/24 10:44	12/12/24 14:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/12/24 14:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/13/24 13:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 13:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 13:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	12/12/24 09:36	12/13/24 13:39	1
o-Terphenyl	86		70 - 130	12/12/24 09:36	12/13/24 13:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.7	F1	9.92		mg/Kg			12/12/24 12:14	1

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

Lab Sample ID: 880-52121-2

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:44	12/12/24 15:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:44	12/12/24 15:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:44	12/12/24 15:08	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/12/24 10:44	12/12/24 15:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:44	12/12/24 15:08	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/12/24 10:44	12/12/24 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	12/12/24 10:44	12/12/24 15:08	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/12/24 10:44	12/12/24 15:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

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

Lab Sample ID: 880-52121-2

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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			12/12/24 15:08	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			12/13/24 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/12/24 09:36	12/13/24 14:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/24 09:36	12/13/24 14:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/24 09:36	12/13/24 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				12/12/24 09:36	12/13/24 14:22	1
o-Terphenyl	93		70 - 130				12/12/24 09:36	12/13/24 14:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.1		9.98		mg/Kg			12/12/24 12:30	1

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

Lab Sample ID: 880-52121-3

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:44	12/12/24 15:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:44	12/12/24 15:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:44	12/12/24 15:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/12/24 10:44	12/12/24 15:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:44	12/12/24 15:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/24 10:44	12/12/24 15:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				12/12/24 10:44	12/12/24 15:34	1
1,4-Difluorobenzene (Surr)	90		70 - 130				12/12/24 10:44	12/12/24 15:34	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			12/12/24 15:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/13/24 14:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 14:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 14:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

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

Lab Sample ID: 880-52121-3

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 09:36	12/13/24 14:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				12/12/24 09:36	12/13/24 14:36	1
o-Terphenyl	99		70 - 130				12/12/24 09:36	12/13/24 14:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.0		10.1		mg/Kg			12/12/24 12:36	1

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

Lab Sample ID: 880-52121-4

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:44	12/12/24 16:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:44	12/12/24 16:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:44	12/12/24 16:01	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/12/24 10:44	12/12/24 16:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:44	12/12/24 16:01	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/12/24 10:44	12/12/24 16:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				12/12/24 10:44	12/12/24 16:01	1
1,4-Difluorobenzene (Surr)	92		70 - 130				12/12/24 10:44	12/12/24 16:01	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			12/12/24 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/13/24 14:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/12/24 09:36	12/13/24 14:50	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/12/24 09:36	12/13/24 14:50	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/12/24 09:36	12/13/24 14:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				12/12/24 09:36	12/13/24 14:50	1
o-Terphenyl	105		70 - 130				12/12/24 09:36	12/13/24 14:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.7		9.96		mg/Kg			12/12/24 12:41	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

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

Lab Sample ID: 880-52121-5

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:44	12/12/24 16:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 16:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 16:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/12/24 10:44	12/12/24 16:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 16:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/12/24 10:44	12/12/24 16:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	12/12/24 10:44	12/12/24 16:27	1
1,4-Difluorobenzene (Surr)	90		70 - 130	12/12/24 10:44	12/12/24 16:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/12/24 16:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/13/24 15:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/12/24 09:36	12/13/24 15:06	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/12/24 09:36	12/13/24 15:06	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/12/24 09:36	12/13/24 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	12/12/24 09:36	12/13/24 15:06	1
o-Terphenyl	111		70 - 130	12/12/24 09:36	12/13/24 15:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		10.0		mg/Kg			12/12/24 12:46	1

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

Lab Sample ID: 880-52121-6

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:44	12/12/24 16:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/12/24 10:44	12/12/24 16:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/12/24 10:44	12/12/24 16:53	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/12/24 10:44	12/12/24 16:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/12/24 10:44	12/12/24 16:53	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/12/24 10:44	12/12/24 16:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/12/24 10:44	12/12/24 16:53	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/12/24 10:44	12/12/24 16:53	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

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

Lab Sample ID: 880-52121-6

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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			12/12/24 16:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/13/24 15:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 15:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 15:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/24 09:36	12/13/24 15:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				12/12/24 09:36	12/13/24 15:20	1
o-Terphenyl	87		70 - 130				12/12/24 09:36	12/13/24 15:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.5		9.94		mg/Kg			12/12/24 13:02	1

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

Lab Sample ID: 880-52121-7

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:44	12/12/24 17:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:44	12/12/24 17:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:44	12/12/24 17:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/12/24 10:44	12/12/24 17:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:44	12/12/24 17:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/24 10:44	12/12/24 17:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				12/12/24 10:44	12/12/24 17:20	1
1,4-Difluorobenzene (Surr)	89		70 - 130				12/12/24 10:44	12/12/24 17:20	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			12/12/24 17:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/13/24 15:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/12/24 09:36	12/13/24 15:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/24 09:36	12/13/24 15:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

Client Sample ID: H-7 (0-0.5')
Date Collected: 12/10/24 00:00
Date Received: 12/11/24 15:15

Lab Sample ID: 880-52121-7
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/24 09:36	12/13/24 15:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				12/12/24 09:36	12/13/24 15:34	1
o-Terphenyl	110		70 - 130				12/12/24 09:36	12/13/24 15:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.9		9.98		mg/Kg			12/12/24 13:07	1

Surrogate Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

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)
880-52121-1	H-1 (0-0.5')	97	87
880-52121-1 MS	H-1 (0-0.5')	101	100
880-52121-1 MSD	H-1 (0-0.5')	102	99
880-52121-2	H-2 (0-0.5')	111	92
880-52121-3	H-3 (0-0.5')	108	90
880-52121-4	H-4 (0-0.5')	112	92
880-52121-5	H-5 (0-0.5')	105	90
880-52121-6	H-6 (0-0.5')	112	92
880-52121-7	H-7 (0-0.5')	114	89
LCS 880-97713/1-A	Lab Control Sample	88	96
LCSD 880-97713/2-A	Lab Control Sample Dup	102	101
MB 880-97713/5-A	Method Blank	83	86
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)
880-52121-1	H-1 (0-0.5')	86	86
880-52121-1 MS	H-1 (0-0.5')	103	91
880-52121-1 MSD	H-1 (0-0.5')	106	94
880-52121-2	H-2 (0-0.5')	93	93
880-52121-3	H-3 (0-0.5')	99	99
880-52121-4	H-4 (0-0.5')	106	105
880-52121-5	H-5 (0-0.5')	114	111
880-52121-6	H-6 (0-0.5')	90	87
880-52121-7	H-7 (0-0.5')	112	110
LCS 880-97701/2-A	Lab Control Sample	114	103
LCSD 880-97701/3-A	Lab Control Sample Dup	109	97
MB 880-97701/1-A	Method Blank	71	75
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-97713/5-A

Matrix: Solid

Analysis Batch: 97666

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 14:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 14:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 14:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/24 10:44	12/12/24 14:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 14:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/24 10:44	12/12/24 14:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	12/12/24 10:44	12/12/24 14:15	1
1,4-Difluorobenzene (Surr)	86		70 - 130	12/12/24 10:44	12/12/24 14:15	1

Lab Sample ID: LCS 880-97713/1-A

Matrix: Solid

Analysis Batch: 97666

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1017		mg/Kg		102	70 - 130
Toluene	0.100	0.09578		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09617		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1898		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09835		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-97713/2-A

Matrix: Solid

Analysis Batch: 97666

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97713

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1165		mg/Kg		116	70 - 130	13	35
Toluene	0.100	0.1078		mg/Kg		108	70 - 130	12	35
Ethylbenzene	0.100	0.1115		mg/Kg		111	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.2196		mg/Kg		110	70 - 130	15	35
o-Xylene	0.100	0.1135		mg/Kg		114	70 - 130	14	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-52121-1 MS

Matrix: Solid

Analysis Batch: 97666

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

Prep Type: Total/NA

Prep Batch: 97713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.101	0.1039		mg/Kg		103	70 - 130
Toluene	<0.00200	U	0.101	0.09711		mg/Kg		96	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

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

Lab Sample ID: 880-52121-1 MS

Matrix: Solid

Analysis Batch: 97666

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

Prep Type: Total/NA

Prep Batch: 97713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.101	0.09615		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.202	0.1889		mg/Kg		94	70 - 130
o-Xylene	<0.00200	U	0.101	0.09864		mg/Kg		98	70 - 130
Surrogate	%Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	101		70 - 130						
1,4-Difluorobenzene (Surr)	100		70 - 130						

Lab Sample ID: 880-52121-1 MSD

Matrix: Solid

Analysis Batch: 97666

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

Prep Type: Total/NA

Prep Batch: 97713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0998	0.1091		mg/Kg		109	70 - 130	5	35
Toluene	<0.00200	U	0.0998	0.1027		mg/Kg		103	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.0998	0.1008		mg/Kg		101	70 - 130	5	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1987		mg/Kg		100	70 - 130	5	35
o-Xylene	<0.00200	U	0.0998	0.1024		mg/Kg		103	70 - 130	4	35
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	102		70 - 130								
1,4-Difluorobenzene (Surr)	99		70 - 130								

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

Lab Sample ID: MB 880-97701/1-A

Matrix: Solid

Analysis Batch: 97842

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97701

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		12/12/24 09:36	12/13/24 12:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 12:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:36	12/13/24 12:13	1
Surrogate	%Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				12/12/24 09:36	12/13/24 12:13	1
o-Terphenyl	75		70 - 130				12/12/24 09:36	12/13/24 12:13	1

Lab Sample ID: LCS 880-97701/2-A

Matrix: Solid

Analysis Batch: 97842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97701

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	962.9		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	988.0		mg/Kg		99	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-97701/2-A

Matrix: Solid

Analysis Batch: 97842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97701

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: LCSD 880-97701/3-A

Matrix: Solid

Analysis Batch: 97842

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97701

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	953.0		mg/Kg		95	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	964.8		mg/Kg		96	70 - 130	2	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	97		70 - 130

Lab Sample ID: 880-52121-1 MS

Matrix: Solid

Analysis Batch: 97842

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

Prep Type: Total/NA

Prep Batch: 97701

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	997	906.5		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	837.0		mg/Kg		82	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 880-52121-1 MSD

Matrix: Solid

Analysis Batch: 97842

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

Prep Type: Total/NA

Prep Batch: 97701

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	920.4		mg/Kg		92	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	851.4		mg/Kg		84	70 - 130	2	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	94		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-97683/1-A

Matrix: Solid

Analysis Batch: 97716

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/12/24 11:58	1

Lab Sample ID: LCS 880-97683/2-A

Matrix: Solid

Analysis Batch: 97716

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	237.9		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-97683/3-A

Matrix: Solid

Analysis Batch: 97716

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	234.4		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 880-52121-1 MS

Matrix: Solid

Analysis Batch: 97716

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	88.7	F1	248	286.1	F1	mg/Kg		80	90 - 110

Lab Sample ID: 880-52121-1 MSD

Matrix: Solid

Analysis Batch: 97716

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	88.7	F1	248	286.3	F1	mg/Kg		80	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

GC VOA

Analysis Batch: 97666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52121-1	H-1 (0-0.5')	Total/NA	Solid	8021B	97713
880-52121-2	H-2 (0-0.5')	Total/NA	Solid	8021B	97713
880-52121-3	H-3 (0-0.5')	Total/NA	Solid	8021B	97713
880-52121-4	H-4 (0-0.5')	Total/NA	Solid	8021B	97713
880-52121-5	H-5 (0-0.5')	Total/NA	Solid	8021B	97713
880-52121-6	H-6 (0-0.5')	Total/NA	Solid	8021B	97713
880-52121-7	H-7 (0-0.5')	Total/NA	Solid	8021B	97713
MB 880-97713/5-A	Method Blank	Total/NA	Solid	8021B	97713
LCS 880-97713/1-A	Lab Control Sample	Total/NA	Solid	8021B	97713
LCSD 880-97713/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97713
880-52121-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	97713
880-52121-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	97713

Prep Batch: 97713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52121-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-52121-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-52121-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-52121-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-52121-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-52121-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-52121-7	H-7 (0-0.5')	Total/NA	Solid	5035	
MB 880-97713/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97713/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97713/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-52121-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-52121-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 97783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52121-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-52121-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-52121-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-52121-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-52121-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-52121-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-52121-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 97701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52121-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-52121-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-52121-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-52121-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-52121-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-52121-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-52121-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-97701/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-97701/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Prep Batch: 97701 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-97701/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-52121-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-52121-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 97842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52121-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	97701
880-52121-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	97701
880-52121-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	97701
880-52121-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	97701
880-52121-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	97701
880-52121-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	97701
880-52121-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	97701
MB 880-97701/1-A	Method Blank	Total/NA	Solid	8015B NM	97701
LCS 880-97701/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	97701
LCSD 880-97701/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	97701
880-52121-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015B NM	97701
880-52121-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015B NM	97701

Analysis Batch: 97983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52121-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-52121-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-52121-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-52121-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-52121-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-52121-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-52121-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 97683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52121-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-52121-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-52121-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-52121-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-52121-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-52121-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-52121-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-97683/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-97683/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-97683/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-52121-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-52121-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 97716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52121-1	H-1 (0-0.5')	Soluble	Solid	300.0	97683
880-52121-2	H-2 (0-0.5')	Soluble	Solid	300.0	97683
880-52121-3	H-3 (0-0.5')	Soluble	Solid	300.0	97683

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

HPLC/IC (Continued)

Analysis Batch: 97716 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52121-4	H-4 (0-0.5')	Soluble	Solid	300.0	97683
880-52121-5	H-5 (0-0.5')	Soluble	Solid	300.0	97683
880-52121-6	H-6 (0-0.5')	Soluble	Solid	300.0	97683
880-52121-7	H-7 (0-0.5')	Soluble	Solid	300.0	97683
MB 880-97683/1-A	Method Blank	Soluble	Solid	300.0	97683
LCS 880-97683/2-A	Lab Control Sample	Soluble	Solid	300.0	97683
LCSD 880-97683/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	97683
880-52121-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	97683
880-52121-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	97683

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

Client Sample ID: H-1 (0-0.5')
Date Collected: 12/10/24 00:00
Date Received: 12/11/24 15:15

Lab Sample ID: 880-52121-1
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			4.99 g	5 mL	97713	12/12/24 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97666	12/12/24 14:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97783	12/12/24 14:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97983	12/13/24 13:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 13:39	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97716	12/12/24 12:14	CH	EET MID

Client Sample ID: H-2 (0-0.5')
Date Collected: 12/10/24 00:00
Date Received: 12/11/24 15:15

Lab Sample ID: 880-52121-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	97713	12/12/24 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97666	12/12/24 15:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97783	12/12/24 15:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97983	12/13/24 14:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 14:22	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97716	12/12/24 12:30	CH	EET MID

Client Sample ID: H-3 (0-0.5')
Date Collected: 12/10/24 00:00
Date Received: 12/11/24 15:15

Lab Sample ID: 880-52121-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	97713	12/12/24 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97666	12/12/24 15:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97783	12/12/24 15:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97983	12/13/24 14:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 14:36	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97716	12/12/24 12:36	CH	EET MID

Client Sample ID: H-4 (0-0.5')
Date Collected: 12/10/24 00:00
Date Received: 12/11/24 15:15

Lab Sample ID: 880-52121-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	97713	12/12/24 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97666	12/12/24 16:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97783	12/12/24 16:01	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

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

Lab Sample ID: 880-52121-4

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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			97983	12/13/24 14:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 14:50	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97716	12/12/24 12:41	CH	EET MID

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

Lab Sample ID: 880-52121-5

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97713	12/12/24 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97666	12/12/24 16:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97783	12/12/24 16:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97983	12/13/24 15:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 15:06	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97716	12/12/24 12:46	CH	EET MID

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

Lab Sample ID: 880-52121-6

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97713	12/12/24 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97666	12/12/24 16:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97783	12/12/24 16:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97983	12/13/24 15:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 15:20	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97716	12/12/24 13:02	CH	EET MID

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

Lab Sample ID: 880-52121-7

Date Collected: 12/10/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97713	12/12/24 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97666	12/12/24 17:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97783	12/12/24 17:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97983	12/13/24 15:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	97701	12/12/24 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97842	12/13/24 15:34	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

Client Sample ID: H-7 (0-0.5')
Date Collected: 12/10/24 00:00
Date Received: 12/11/24 15:15

Lab Sample ID: 880-52121-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	97683	12/12/24 09:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97716	12/12/24 13:07	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
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

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: FC 813H

Job ID: 880-52121-1
SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-52121-1	H-1 (0-0.5')	Solid	12/10/24 00:00	12/11/24 15:15
880-52121-2	H-2 (0-0.5')	Solid	12/10/24 00:00	12/11/24 15:15
880-52121-3	H-3 (0-0.5')	Solid	12/10/24 00:00	12/11/24 15:15
880-52121-4	H-4 (0-0.5')	Solid	12/10/24 00:00	12/11/24 15:15
880-52121-5	H-5 (0-0.5')	Solid	12/10/24 00:00	12/11/24 15:15
880-52121-6	H-6 (0-0.5')	Solid	12/10/24 00:00	12/11/24 15:15
880-52121-7	H-7 (0-0.5')	Solid	12/10/24 00:00	12/11/24 15:15

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Chain of Custody



880-52121 Chain of Custody

Page 1 of 1

Project Manager:	Devin Dominguez	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-701-5475	Email:	mcarmona@carmonaresources.com

Project Name:	FC 813H	Turn Around	Analysis Request	Preservative Codes
Project Number:	2599	☒ Routine ☐ Rush		None: NO DI Water: H ₂ O
Project Location:	Eddy County, New Mexico	Due Date:		Cool: Cool MeOH: Me
Sampler's Name:	JM			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:	N/A	Corrected Temperature:		NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Sample Comments
H-1 (0-0.5')	12/10/2024		X		G	1	X X X	BTEX 8021B	
H-2 (0-0.5')	12/10/2024		X		G	1	X X X	TPH 8015M (GRO + DRO + MRO)	
H-3 (0-0.5')	12/10/2024		X		G	1	X X X	Chloride 300.0	
H-4 (0-0.5')	12/10/2024		X		G	1	X X X		
H-5 (0-0.5')	12/10/2024		X		G	1	X X X		
H-6 (0-0.5')	12/10/2024		X		G	1	X X X		
H-7 (0-0.5')	12/10/2024		X		G	1	X X X		

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	12/11/24		12/11/24 1555

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-52121-1

SDG Number: Eddy County NM

Login Number: 52121

List Number: 1

Creator: Kramer, Jessica

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/4/2025 11:15:56 AM

JOB DESCRIPTION

FC 813H
Eddy County, New Mexico

JOB NUMBER

880-53825-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701



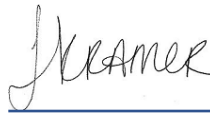
Eurofins Midland

Job Notes

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

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

Authorization



Generated
2/4/2025 11:15:56 AM

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

Client: Carmona Resources
Project/Site: FC 813H

Laboratory Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
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, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Definitions/Glossary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Glossary (Continued)

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

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Case Narrative

Client: Carmona Resources
Project: FC 813H

Job ID: 880-53825-1

Job ID: 880-53825-1

Eurofins Midland

Job Narrative
880-53825-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

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

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

Receipt

The samples were received on 1/30/2025 9:25 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 -3.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (4.5') (880-53825-1), CS-2 (4.5') (880-53825-2), CS-3 (4.5') (880-53825-3), CS-4 (4.5') (880-53825-4), CS-5 (4.5') (880-53825-5), CS-6 (4.5') (880-53825-6), CS-7 (4.5') (880-53825-7), CS-8 (4.5') (880-53825-8), CS-9 (4.5') (880-53825-9), CS-10 (4.5') (880-53825-10), CS-11 (4.5') (880-53825-11), CS-12 (4.5') (880-53825-12), CS-13 (4.5') (880-53825-13), CS-14 (4.5') (880-53825-14), CS-15 (4.5') (880-53825-15), CS-16 (4.5') (880-53825-16), CS-17 (4.5') (880-53825-17), CS-18 (4.5') (880-53825-18), CS-19 (4.5') (880-53825-19), CS-20 (4.5') (880-53825-20), CS-21 (4.5') (880-53825-21), CS-22 (4.5') (880-53825-22), CS-23 (4.5') (880-53825-23), CS-24 (4.5') (880-53825-24), CS-25 (4.5') (880-53825-25), CS-26 (4.5') (880-53825-26), CS-27 (4.5') (880-53825-27), CS-28 (4.5') (880-53825-28), CS-29 (4.5') (880-53825-29), CS-30 (4.5') (880-53825-30), CS-31 (4.5') (880-53825-31), CS-32 (4.5') (880-53825-32), CS-33 (4.5') (880-53825-33), CS-34 (4.5') (880-53825-34), CS-35 (4.5') (880-53825-35), CS-36 (4.5') (880-53825-36), CS-37 (4.5') (880-53825-37), CS-38 (4.5') (880-53825-38), CS-39 (4.5') (880-53825-39), CS-40 (4.5') (880-53825-40), CS-41 (4.5') (880-53825-41), CS-42 (4.5') (880-53825-42), CS-43 (4.5') (880-53825-43), CS-44 (4.5') (880-53825-44), CS-45 (4.5') (880-53825-45), CS-46 (4.5') (880-53825-46), CS-47 (4.5') (880-53825-47), CS-48 (4.5') (880-53825-48), CS-49 (4.5') (880-53825-49), CS-50 (4.5') (880-53825-50), CS-51 (4.5') (880-53825-51), CS-52 (4.5') (880-53825-52), CS-53 (4.5') (880-53825-53), CS-54 (4.5') (880-53825-54), CS-55 (4.5') (880-53825-55), CS-56 (4.5') (880-53825-56), CS-57 (4.5') (880-53825-57), CS-58 (4.5') (880-53825-58), CS-59 (4.5') (880-53825-59), CS-60 (4.5') (880-53825-60), CS-61 (4.5') (880-53825-61), CS-62 (4.5') (880-53825-62), CS-63 (4.5') (880-53825-63), CS-64 (4.5') (880-53825-64), CS-65 (4.5') (880-53825-65), CS-66 (4.5') (880-53825-66), CS-67 (4.5') (880-53825-67), CS-68 (4.5') (880-53825-68), CS-69 (4.5') (880-53825-69), CS-70 (4.5') (880-53825-70), CS-71 (4.5') (880-53825-71), CS-72 (4.5') (880-53825-72), CS-73 (4.5') (880-53825-73), CS-74 (4.5') (880-53825-74), CS-75 (4.5') (880-53825-75), CS-76 (4.5') (880-53825-76), CS-77 (4.5') (880-53825-77), CS-78 (4.5') (880-53825-78), CS-79 (4.5') (880-53825-79), CS-80 (4.5') (880-53825-80), CS-81 (4.5') (880-53825-81), CS-82 (4.5') (880-53825-82), CS-83 (4.5') (880-53825-83), CS-84 (4.5') (880-53825-84), CS-85 (4.5') (880-53825-85), CS-86 (4.5') (880-53825-86), CS-87 (4.5') (880-53825-87), CS-88 (4.5') (880-53825-88), CS-89 (4.5') (880-53825-89), CS-90 (4.5') (880-53825-90), CS-91 (4.5') (880-53825-91), CS-92 (4.5') (880-53825-92), CS-93 (4.5') (880-53825-93), CS-94 (4.5') (880-53825-94), CS-95 (4.5') (880-53825-95), CS-96 (4.5') (880-53825-96), CS-97 (4.5') (880-53825-97), CS-98 (4.5') (880-53825-98), CS-99 (4.5') (880-53825-99), CS-100 (4.5') (880-53825-100), CS-101 (4.5') (880-53825-101), CS-102 (4.5') (880-53825-102), CS-103 (4.5') (880-53825-103), CS-104 (4.5') (880-53825-104), CS-105 (4.5') (880-53825-105), CS-106 (4.5') (880-53825-106), CS-107 (4.5') (880-53825-107), SW-1 (4.5') (880-53825-108), SW-2 (4.5') (880-53825-109), SW-3 (4.5') (880-53825-110), SW-4 (4.5') (880-53825-111), SW-5 (4.5') (880-53825-112), SW-6 (4.5') (880-53825-113), SW-7 (4.5') (880-53825-114), SW-8 (4.5') (880-53825-115), SW-9 (4.5') (880-53825-116), SW-10 (4.5') (880-53825-117), SW-11 (4.5') (880-53825-118), SW-12 (4.5') (880-53825-119), SW-13 (4.5') (880-53825-120), SW-14 (4.5') (880-53825-121), SW-15 (4.5') (880-53825-122), SW-16 (4.5') (880-53825-123), SW-17 (4.5') (880-53825-124), SW-18 (4.5') (880-53825-125), SW-19 (4.5') (880-53825-126), SW-20 (4.5') (880-53825-127), SW-21 (4.5') (880-53825-128), SW-22 (4.5') (880-53825-129), SW-23 (4.5') (880-53825-130), SW-24 (4.5') (880-53825-131), SW-25 (4.5') (880-53825-132), SW-26 (4.5') (880-53825-133), SW-27 (4.5') (880-53825-134), SW-28 (4.5') (880-53825-135), SW-29 (4.5') (880-53825-136), SW-30 (4.5') (880-53825-137), SW-31 (4.5') (880-53825-138), SW-32 (4.5') (880-53825-139), SW-33 (4.5') (880-53825-140), SW-34 (4.5') (880-53825-141), SW-35 (4.5') (880-53825-142), SW-36 (4.5') (880-53825-143), SW-37 (4.5') (880-53825-144) and SW-38 (4.5') (880-53825-145).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-101647 and analytical batch 880-101656 was outside the upper control limits.

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Method 8021B: The continuing calibration verification (CCV) associated with batch 880-101671 recovered above the upper control limit for Benzene, Toluene, Ethylbenzene, m-Xylene & p-Xylene and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 880-101671/20) and (CCV 880-101671/33).

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-101643 and analytical batch 880-101671 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 samples were outside control limits: CS-1 (4.5') (880-53825-1), CS-2 (4.5') (880-53825-2), CS-3 (4.5') (880-53825-3), CS-4 (4.5') (880-53825-4), CS-5 (4.5') (880-53825-5), CS-6 (4.5') (880-53825-6), CS-7 (4.5') (880-53825-7), CS-8 (4.5') (880-53825-8), CS-9 (4.5') (880-53825-9), CS-10 (4.5') (880-53825-10), CS-11 (4.5') (880-53825-11), CS-12 (4.5') (880-53825-12), CS-13 (4.5') (880-53825-13), CS-14 (4.5') (880-53825-14), CS-15 (4.5') (880-53825-15), CS-16 (4.5') (880-53825-16), CS-17 (4.5') (880-53825-17), CS-18 (4.5') (880-53825-18), CS-19 (4.5') (880-53825-19), CS-20 (4.5') (880-53825-20), (CCV 880-101708/2), (CCV 880-101708/20), (CCV 880-101708/33), (LCS 880-101640/1-A), (LCS 880-101640/2-A), (MB 880-101640/5-A), (880-53825-A-1-B MS) and (880-53825-A-1-C MSD). 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: (880-53825-A-61-B MS). 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 880-101644 and analytical batch 880-101709 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: (CCV 880-101710/2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-101646 and analytical batch 880-101712 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-103 (4.5') (880-53825-103), CS-105 (4.5') (880-53825-105) and SW-12 (4.5') (880-53825-119). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-101708 recovered above the upper control limit for Benzene, Toluene, Ethylbenzene, m-Xylene & p-Xylene and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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

Diesel Range Organics

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-101683 and analytical batch 880-101724 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-101727 and analytical batch 880-101726 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-101727/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-36 (4.5') (880-53825-143) and SW-37 (4.5') (880-53825-144). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-101561 and analytical batch

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880-101726 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-1 (4.5') (880-53825-1), CS-2 (4.5') (880-53825-2), CS-4 (4.5') (880-53825-4), (880-53820-A-4-A), (880-53820-A-4-B MS) and (880-53820-A-4-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-101833 and analytical batch 880-101848 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 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-101833 and analytical batch 880-101848 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-101834 and analytical batch 880-101850 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-101834 and analytical batch 880-101850 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 duplicate (LCSD) recovery is within acceptance limits.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-101834 and analytical batch 880-101850 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-101834 and analytical batch 880-101850 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-12 (4.5') (880-53825-12), (LCS 880-101834/2-A) and (LCSD 880-101834/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-101835 and analytical batch 880-101852 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 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-101835/2-A) and (LCSD 880-101835/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-101835 and analytical batch 880-101852 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-101584 and analytical batch 880-101816 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-71 (4.5') (880-53825-71), CS-73 (4.5') (880-53825-73), CS-76 (4.5') (880-53825-76), CS-84 (4.5') (880-53825-84), CS-88 (4.5') (880-53825-88), CS-97 (4.5') (880-53825-97), CS-99 (4.5') (880-53825-99), (880-53825-A-83-B MS) and (880-53825-A-83-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: CS-6 (4.5') (880-53825-6), CS-7 (4.5') (880-53825-7) and CS-8 (4.5') (880-53825-8). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-15 (4.5') (880-53825-15), CS-17 (4.5') (880-53825-17), CS-18 (4.5') (880-53825-18), (890-7620-A-1-C) and (890-7620-A-1-E MSD). Evidence of matrix

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interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (890-7620-A-1-D MS). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-1 (4.5') (880-53825-108), SW-13 (4.5') (880-53825-120), SW-15 (4.5') (880-53825-122), SW-20 (4.5') (880-53825-127), SW-23 (4.5') (880-53825-130), SW-25 (4.5') (880-53825-132), SW-30 (4.5') (880-53825-137), SW-33 (4.5') (880-53825-140), SW-35 (4.5') (880-53825-142) and (880-53825-A-123-B MS). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: SW-4 (4.5') (880-53825-111), SW-8 (4.5') (880-53825-115), SW-14 (4.5') (880-53825-121), SW-19 (4.5') (880-53825-126), (LCS 880-101833/2-A), (890-7619-A-1-H MS) and (890-7619-A-1-I MSD). Percent recoveries are based on the amount spiked.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-101675 and analytical batch 880-101764 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-101672 and analytical batch 880-101761 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-101751 and analytical batch 880-101774 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-101752 and analytical batch 880-101773 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-101673 and analytical batch 880-101763 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-101677 and analytical batch 880-101765 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-101678 and analytical batch 880-101767 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-101748 and analytical batch 880-101766 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 880-101748 and analytical batch 880-101766 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

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

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (4.5')

Lab Sample ID: 880-53825-1

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 11:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 11:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 11:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:09	01/31/25 11:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 11:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:09	01/31/25 11:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	164	S1+	70 - 130	01/30/25 13:09	01/31/25 11:30	1
1,4-Difluorobenzene (Surr)	78		70 - 130	01/30/25 13:09	01/31/25 11:30	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			01/31/25 11:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/01/25 04:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 09:07	02/01/25 04:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 09:07	02/01/25 04:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 09:07	02/01/25 04:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130	01/30/25 09:07	02/01/25 04:25	1
o-Terphenyl	115		70 - 130	01/30/25 09:07	02/01/25 04:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5650	F1	99.2		mg/Kg			02/02/25 05:02	10

Client Sample ID: CS-2 (4.5')

Lab Sample ID: 880-53825-2

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 11:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 11:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 11:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:09	01/31/25 11:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 11:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:09	01/31/25 11:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130	01/30/25 13:09	01/31/25 11:51	1
1,4-Difluorobenzene (Surr)	77		70 - 130	01/30/25 13:09	01/31/25 11:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-2 (4.5')

Lab Sample ID: 880-53825-2

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 11:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/01/25 04:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 09:07	02/01/25 04:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 09:07	02/01/25 04:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 09:07	02/01/25 04:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	153	S1+	70 - 130				01/30/25 09:07	02/01/25 04:40	1
o-Terphenyl	126		70 - 130				01/30/25 09:07	02/01/25 04:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5580		99.2		mg/Kg			02/02/25 05:20	10

Client Sample ID: CS-3 (4.5')

Lab Sample ID: 880-53825-3

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 12:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:09	01/31/25 12:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:09	01/31/25 12:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/30/25 13:09	01/31/25 12:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:09	01/31/25 12:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/30/25 13:09	01/31/25 12:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	164	S1+	70 - 130				01/30/25 13:09	01/31/25 12:11	1
1,4-Difluorobenzene (Surr)	79		70 - 130				01/30/25 13:09	01/31/25 12:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/31/25 12:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/01/25 04:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 09:07	02/01/25 04:55	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 09:07	02/01/25 04:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-3 (4.5')

Lab Sample ID: 880-53825-3

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 09:07	02/01/25 04:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				01/30/25 09:07	02/01/25 04:55	1
o-Terphenyl	112		70 - 130				01/30/25 09:07	02/01/25 04:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5300		101		mg/Kg			02/02/25 05:26	10

Client Sample ID: CS-4 (4.5')

Lab Sample ID: 880-53825-4

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 12:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:09	01/31/25 12:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:09	01/31/25 12:32	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/30/25 13:09	01/31/25 12:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:09	01/31/25 12:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/30/25 13:09	01/31/25 12:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	170	S1+	70 - 130				01/30/25 13:09	01/31/25 12:32	1
1,4-Difluorobenzene (Surr)	80		70 - 130				01/30/25 13:09	01/31/25 12:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/31/25 12:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 05:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 09:07	02/01/25 05:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 09:07	02/01/25 05:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 09:07	02/01/25 05:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130				01/30/25 09:07	02/01/25 05:11	1
o-Terphenyl	121		70 - 130				01/30/25 09:07	02/01/25 05:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5560		99.6		mg/Kg			02/02/25 05:32	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-5 (4.5')

Lab Sample ID: 880-53825-5

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 12:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 12:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 12:52	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:09	01/31/25 12:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 12:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:09	01/31/25 12:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	01/30/25 13:09	01/31/25 12:52	1
1,4-Difluorobenzene (Surr)	80		70 - 130	01/30/25 13:09	01/31/25 12:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/31/25 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/03/25 15:00	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	<50.5	U	50.5		mg/Kg		02/03/25 08:05	02/03/25 15:00	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		02/03/25 08:05	02/03/25 15:00	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/03/25 08:05	02/03/25 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	02/03/25 08:05	02/03/25 15:00	1
o-Terphenyl	102		70 - 130	02/03/25 08:05	02/03/25 15:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5510		99.4		mg/Kg			02/02/25 05:38	10

Client Sample ID: CS-6 (4.5')

Lab Sample ID: 880-53825-6

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 13:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 13:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 13:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:09	01/31/25 13:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 13:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:09	01/31/25 13:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	175	S1+	70 - 130	01/30/25 13:09	01/31/25 13:12	1
1,4-Difluorobenzene (Surr)	78		70 - 130	01/30/25 13:09	01/31/25 13:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-6 (4.5')

Lab Sample ID: 880-53825-6

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 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			02/03/25 15:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/03/25 08:05	02/03/25 15:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/03/25 08:05	02/03/25 15:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/03/25 08:05	02/03/25 15:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	159	S1+	70 - 130				02/03/25 08:05	02/03/25 15:16	1
o-Terphenyl	133	S1+	70 - 130				02/03/25 08:05	02/03/25 15:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6570		99.8		mg/Kg			02/02/25 05:55	10

Client Sample ID: CS-7 (4.5')

Lab Sample ID: 880-53825-7

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 13:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 13:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 13:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:09	01/31/25 13:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 13:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:09	01/31/25 13:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130				01/30/25 13:09	01/31/25 13:33	1
1,4-Difluorobenzene (Surr)	78		70 - 130				01/30/25 13:09	01/31/25 13:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 13:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/03/25 15:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		02/03/25 08:05	02/03/25 15:32	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/03/25 08:05	02/03/25 15:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-7 (4.5')

Lab Sample ID: 880-53825-7

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/03/25 08:05	02/03/25 15:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	167	S1+	70 - 130				02/03/25 08:05	02/03/25 15:32	1
o-Terphenyl	144	S1+	70 - 130				02/03/25 08:05	02/03/25 15:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5630		100		mg/Kg			02/02/25 06:01	10

Client Sample ID: CS-8 (4.5')

Lab Sample ID: 880-53825-8

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 13:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 13:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 13:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:09	01/31/25 13:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 13:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:09	01/31/25 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	172	S1+	70 - 130				01/30/25 13:09	01/31/25 13:53	1
1,4-Difluorobenzene (Surr)	80		70 - 130				01/30/25 13:09	01/31/25 13:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 13:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/03/25 15:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		02/03/25 08:05	02/03/25 15:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/03/25 08:05	02/03/25 15:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/03/25 08:05	02/03/25 15:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	167	S1+	70 - 130				02/03/25 08:05	02/03/25 15:48	1
o-Terphenyl	136	S1+	70 - 130				02/03/25 08:05	02/03/25 15:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6590		99.6		mg/Kg			02/02/25 06:07	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-9 (4.5')

Lab Sample ID: 880-53825-9

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 14:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 14:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 14:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:09	01/31/25 14:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 14:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:09	01/31/25 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	168	S1+	70 - 130	01/30/25 13:09	01/31/25 14:14	1
1,4-Difluorobenzene (Surr)	75		70 - 130	01/30/25 13:09	01/31/25 14:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/25 14:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/25 14:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		02/03/25 07:58	02/03/25 14:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1 *-	49.9		mg/Kg		02/03/25 07:58	02/03/25 14:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/03/25 07:58	02/03/25 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	02/03/25 07:58	02/03/25 14:35	1
o-Terphenyl	80		70 - 130	02/03/25 07:58	02/03/25 14:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6920		99.2		mg/Kg			02/02/25 06:13	10

Client Sample ID: CS-10 (4.5')

Lab Sample ID: 880-53825-10

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 14:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 14:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 14:34	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:09	01/31/25 14:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 14:34	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:09	01/31/25 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130	01/30/25 13:09	01/31/25 14:34	1
1,4-Difluorobenzene (Surr)	78		70 - 130	01/30/25 13:09	01/31/25 14:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-10 (4.5')

Lab Sample ID: 880-53825-10

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 14:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/03/25 14:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U *1	50.3		mg/Kg		02/03/25 07:58	02/03/25 14:50	1
Diesel Range Organics (Over C10-C28)	<50.3	U *1 *-	50.3		mg/Kg		02/03/25 07:58	02/03/25 14:50	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/03/25 07:58	02/03/25 14:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				02/03/25 07:58	02/03/25 14:50	1
o-Terphenyl	85		70 - 130				02/03/25 07:58	02/03/25 14:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11800		200		mg/Kg			02/02/25 06:19	20

Client Sample ID: CS-11 (4.5')

Lab Sample ID: 880-53825-11

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 16:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 16:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 16:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:09	01/31/25 16:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 16:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:09	01/31/25 16:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	182	S1+	70 - 130				01/30/25 13:09	01/31/25 16:07	1
1,4-Difluorobenzene (Surr)	77		70 - 130				01/30/25 13:09	01/31/25 16:07	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			01/31/25 16:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/03/25 15:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U *1	50.5		mg/Kg		02/03/25 07:58	02/03/25 15:05	1
Diesel Range Organics (Over C10-C28)	<50.5	U *1 *-	50.5		mg/Kg		02/03/25 07:58	02/03/25 15:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (4.5')

Lab Sample ID: 880-53825-11

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/03/25 07:58	02/03/25 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				02/03/25 07:58	02/03/25 15:05	1
o-Terphenyl	116		70 - 130				02/03/25 07:58	02/03/25 15:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12900	F1	202		mg/Kg			02/02/25 06:25	20

Client Sample ID: CS-12 (4.5')

Lab Sample ID: 880-53825-12

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 16:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 16:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 16:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:09	01/31/25 16:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 16:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:09	01/31/25 16:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	170	S1+	70 - 130				01/30/25 13:09	01/31/25 16:27	1
1,4-Difluorobenzene (Surr)	78		70 - 130				01/30/25 13:09	01/31/25 16:27	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			01/31/25 16:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 14:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		02/03/25 08:00	02/03/25 14:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U *-	49.8		mg/Kg		02/03/25 08:00	02/03/25 14:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/03/25 08:00	02/03/25 14:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				02/03/25 08:00	02/03/25 14:21	1
o-Terphenyl	69	S1-	70 - 130				02/03/25 08:00	02/03/25 14:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8280		99.4		mg/Kg			02/02/25 06:43	10

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-13 (4.5')

Lab Sample ID: 880-53825-13

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 16:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 16:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 16:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:09	01/31/25 16:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 16:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:09	01/31/25 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	179	S1+	70 - 130	01/30/25 13:09	01/31/25 16:48	1
1,4-Difluorobenzene (Surr)	76		70 - 130	01/30/25 13:09	01/31/25 16:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/25 16:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/03/25 14:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U *1	50.1		mg/Kg		02/03/25 08:00	02/03/25 14:35	1
Diesel Range Organics (Over C10-C28)	<50.1	U *-	50.1		mg/Kg		02/03/25 08:00	02/03/25 14:35	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/03/25 08:00	02/03/25 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	02/03/25 08:00	02/03/25 14:35	1
o-Terphenyl	76		70 - 130	02/03/25 08:00	02/03/25 14:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6770		99.2		mg/Kg			02/02/25 06:48	10

Client Sample ID: CS-14 (4.5')

Lab Sample ID: 880-53825-14

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 17:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 17:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 17:08	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:09	01/31/25 17:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 17:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:09	01/31/25 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	168	S1+	70 - 130	01/30/25 13:09	01/31/25 17:08	1
1,4-Difluorobenzene (Surr)	78		70 - 130	01/30/25 13:09	01/31/25 17:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-14 (4.5')

Lab Sample ID: 880-53825-14

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 17:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/03/25 14:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U *1	50.5		mg/Kg		02/03/25 08:00	02/03/25 14:50	1
Diesel Range Organics (Over C10-C28)	<50.5	U *-	50.5		mg/Kg		02/03/25 08:00	02/03/25 14:50	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/03/25 08:00	02/03/25 14:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				02/03/25 08:00	02/03/25 14:50	1
o-Terphenyl	76		70 - 130				02/03/25 08:00	02/03/25 14:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5260		101		mg/Kg			02/02/25 07:06	10

Client Sample ID: CS-15 (4.5')

Lab Sample ID: 880-53825-15

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 17:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 17:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 17:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:09	01/31/25 17:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 17:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:09	01/31/25 17:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	176	S1+	70 - 130				01/30/25 13:09	01/31/25 17:29	1
1,4-Difluorobenzene (Surr)	74		70 - 130				01/30/25 13:09	01/31/25 17:29	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			01/31/25 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/25 14:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/03/25 08:03	02/03/25 14:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1 *-	49.9		mg/Kg		02/03/25 08:03	02/03/25 14:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-15 (4.5')

Lab Sample ID: 880-53825-15

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		02/03/25 08:03	02/03/25 14:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				02/03/25 08:03	02/03/25 14:44	1
o-Terphenyl	64	S1-	70 - 130				02/03/25 08:03	02/03/25 14:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3940		50.5		mg/Kg			02/02/25 07:12	5

Client Sample ID: CS-16 (4.5')

Lab Sample ID: 880-53825-16

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 17:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 17:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 17:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:09	01/31/25 17:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 17:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:09	01/31/25 17:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	172	S1+	70 - 130				01/30/25 13:09	01/31/25 17:49	1
1,4-Difluorobenzene (Surr)	77		70 - 130				01/30/25 13:09	01/31/25 17:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 17:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/03/25 15:00	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	<50.3	U	50.3		mg/Kg		02/03/25 08:03	02/03/25 15:00	1
Diesel Range Organics (Over C10-C28)	<50.3	U *1 *-	50.3		mg/Kg		02/03/25 08:03	02/03/25 15:00	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/03/25 08:03	02/03/25 15:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				02/03/25 08:03	02/03/25 15:00	1
o-Terphenyl	74		70 - 130				02/03/25 08:03	02/03/25 15:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4920		50.0		mg/Kg			02/02/25 07:18	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-17 (4.5')

Lab Sample ID: 880-53825-17

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 18:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 18:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 18:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:09	01/31/25 18:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 18:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:09	01/31/25 18:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130	01/30/25 13:09	01/31/25 18:10	1
1,4-Difluorobenzene (Surr)	76		70 - 130	01/30/25 13:09	01/31/25 18:10	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			01/31/25 18:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/03/25 15:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		02/03/25 08:03	02/03/25 15:16	1
Diesel Range Organics (Over C10-C28)	<50.4	U *1 *-	50.4		mg/Kg		02/03/25 08:03	02/03/25 15:16	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		02/03/25 08:03	02/03/25 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	02/03/25 08:03	02/03/25 15:16	1
o-Terphenyl	66	S1-	70 - 130	02/03/25 08:03	02/03/25 15:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4800		49.6		mg/Kg			02/02/25 07:24	5

Client Sample ID: CS-18 (4.5')

Lab Sample ID: 880-53825-18

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 18:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 18:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 18:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:09	01/31/25 18:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 18:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:09	01/31/25 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	182	S1+	70 - 130	01/30/25 13:09	01/31/25 18:30	1
1,4-Difluorobenzene (Surr)	76		70 - 130	01/30/25 13:09	01/31/25 18:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-18 (4.5')

Lab Sample ID: 880-53825-18

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/03/25 15:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		02/03/25 08:03	02/03/25 15:32	1
Diesel Range Organics (Over C10-C28)	<50.5	U *1 *-	50.5		mg/Kg		02/03/25 08:03	02/03/25 15:32	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/03/25 08:03	02/03/25 15:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				02/03/25 08:03	02/03/25 15:32	1
o-Terphenyl	66	S1-	70 - 130				02/03/25 08:03	02/03/25 15:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4850		50.4		mg/Kg			02/02/25 07:30	5

Client Sample ID: CS-19 (4.5')

Lab Sample ID: 880-53825-19

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 18:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 18:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 18:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:09	01/31/25 18:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:09	01/31/25 18:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:09	01/31/25 18:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	179	S1+	70 - 130				01/30/25 13:09	01/31/25 18:51	1
1,4-Difluorobenzene (Surr)	80		70 - 130				01/30/25 13:09	01/31/25 18:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 18:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 15:48	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	<49.8	U	49.8		mg/Kg		02/03/25 08:03	02/03/25 15:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1 *-	49.8		mg/Kg		02/03/25 08:03	02/03/25 15:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-19 (4.5')

Lab Sample ID: 880-53825-19

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		02/03/25 08:03	02/03/25 15:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				02/03/25 08:03	02/03/25 15:48	1
o-Terphenyl	80		70 - 130				02/03/25 08:03	02/03/25 15:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4060		50.2		mg/Kg			02/02/25 07:36	5

Client Sample ID: CS-20 (4.5')

Lab Sample ID: 880-53825-20

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:09	01/31/25 19:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 19:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 19:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:09	01/31/25 19:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 19:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:09	01/31/25 19:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130				01/30/25 13:09	01/31/25 19:11	1
1,4-Difluorobenzene (Surr)	76		70 - 130				01/30/25 13:09	01/31/25 19:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/25 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 14:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/03/25 08:05	02/03/25 14:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/03/25 08:05	02/03/25 14:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/03/25 08:05	02/03/25 14:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				02/03/25 08:05	02/03/25 14:12	1
o-Terphenyl	104		70 - 130				02/03/25 08:05	02/03/25 14:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4720		50.1		mg/Kg			02/02/25 07:41	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-21 (4.5')

Lab Sample ID: 880-53825-21

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 11:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 11:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 11:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:11	01/31/25 11:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 11:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:11	01/31/25 11:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/30/25 13:11	01/31/25 11:31	1
1,4-Difluorobenzene (Surr)	114		70 - 130	01/30/25 13:11	01/31/25 11:31	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			01/31/25 11:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/03/25 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		02/03/25 08:05	02/03/25 14:28	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/03/25 08:05	02/03/25 14:28	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/03/25 08:05	02/03/25 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	02/03/25 08:05	02/03/25 14:28	1
o-Terphenyl	101		70 - 130	02/03/25 08:05	02/03/25 14:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5180		50.4		mg/Kg			02/03/25 12:35	5

Client Sample ID: CS-22 (4.5')

Lab Sample ID: 880-53825-22

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 11:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 11:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 11:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:11	01/31/25 11:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 11:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:11	01/31/25 11:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/30/25 13:11	01/31/25 11:51	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/30/25 13:11	01/31/25 11:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-22 (4.5')

Lab Sample ID: 880-53825-22

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 11:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/03/25 14:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		02/03/25 08:05	02/03/25 14:44	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		02/03/25 08:05	02/03/25 14:44	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/03/25 08:05	02/03/25 14:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				02/03/25 08:05	02/03/25 14:44	1
o-Terphenyl	105		70 - 130				02/03/25 08:05	02/03/25 14:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4520		50.4		mg/Kg			02/03/25 12:52	5

Client Sample ID: CS-23 (4.5')

Lab Sample ID: 880-53825-23

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 12:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:11	01/31/25 12:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:11	01/31/25 12:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/30/25 13:11	01/31/25 12:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:11	01/31/25 12:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/30/25 13:11	01/31/25 12:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/30/25 13:11	01/31/25 12:12	1
1,4-Difluorobenzene (Surr)	108		70 - 130				01/30/25 13:11	01/31/25 12:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/31/25 12:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 10:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 10:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 10:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-23 (4.5')

Lab Sample ID: 880-53825-23

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 10:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				01/30/25 10:56	02/01/25 10:58	1
o-Terphenyl	97		70 - 130				01/30/25 10:56	02/01/25 10:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5080		50.2		mg/Kg			02/03/25 12:58	5

Client Sample ID: CS-24 (4.5')

Lab Sample ID: 880-53825-24

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 12:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:11	01/31/25 12:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:11	01/31/25 12:32	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/30/25 13:11	01/31/25 12:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:11	01/31/25 12:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/30/25 13:11	01/31/25 12:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				01/30/25 13:11	01/31/25 12:32	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/30/25 13:11	01/31/25 12:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/31/25 12:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 11:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 11:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 11:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 11:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				01/30/25 10:56	02/01/25 11:59	1
o-Terphenyl	110		70 - 130				01/30/25 10:56	02/01/25 11:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4550		50.5		mg/Kg			02/03/25 13:04	5

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-25 (4.5')

Lab Sample ID: 880-53825-25

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 12:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:11	01/31/25 12:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:11	01/31/25 12:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:11	01/31/25 12:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:11	01/31/25 12:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:11	01/31/25 12:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	01/30/25 13:11	01/31/25 12:53	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/30/25 13:11	01/31/25 12:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 12:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/01/25 12:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 10:56	02/01/25 12:19	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 10:56	02/01/25 12:19	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 10:56	02/01/25 12:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	01/30/25 10:56	02/01/25 12:19	1
o-Terphenyl	103		70 - 130	01/30/25 10:56	02/01/25 12:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4870		49.8		mg/Kg			02/03/25 13:10	5

Client Sample ID: CS-26 (4.5')

Lab Sample ID: 880-53825-26

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 13:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/30/25 13:11	01/31/25 13:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/30/25 13:11	01/31/25 13:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/30/25 13:11	01/31/25 13:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/30/25 13:11	01/31/25 13:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/30/25 13:11	01/31/25 13:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	01/30/25 13:11	01/31/25 13:13	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/30/25 13:11	01/31/25 13:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-26 (4.5')

Lab Sample ID: 880-53825-26

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 13:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/01/25 12:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 10:56	02/01/25 12:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 10:56	02/01/25 12:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 10:56	02/01/25 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/30/25 10:56	02/01/25 12:40	1
o-Terphenyl	95		70 - 130				01/30/25 10:56	02/01/25 12:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4730		49.6		mg/Kg			02/03/25 13:28	5

Client Sample ID: CS-27 (4.5')

Lab Sample ID: 880-53825-27

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 13:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:11	01/31/25 13:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:11	01/31/25 13:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:11	01/31/25 13:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:11	01/31/25 13:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:11	01/31/25 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				01/30/25 13:11	01/31/25 13:34	1
1,4-Difluorobenzene (Surr)	113		70 - 130				01/30/25 13:11	01/31/25 13:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 13:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 13:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 13:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 13:01	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-27 (4.5')

Lab Sample ID: 880-53825-27

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 13:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				01/30/25 10:56	02/01/25 13:01	1
o-Terphenyl	97		70 - 130				01/30/25 10:56	02/01/25 13:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4730		50.4		mg/Kg			02/03/25 13:34	5

Client Sample ID: CS-28 (4.5')

Lab Sample ID: 880-53825-28

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 13:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 13:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 13:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:11	01/31/25 13:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 13:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:11	01/31/25 13:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/30/25 13:11	01/31/25 13:54	1
1,4-Difluorobenzene (Surr)	110		70 - 130				01/30/25 13:11	01/31/25 13:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/25 13:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/01/25 13:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 10:56	02/01/25 13:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 10:56	02/01/25 13:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 10:56	02/01/25 13:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				01/30/25 10:56	02/01/25 13:21	1
o-Terphenyl	97		70 - 130				01/30/25 10:56	02/01/25 13:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5870		99.4		mg/Kg			02/03/25 13:40	10

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-29 (4.5')

Lab Sample ID: 880-53825-29

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 14:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/30/25 13:11	01/31/25 14:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/30/25 13:11	01/31/25 14:15	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/30/25 13:11	01/31/25 14:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/30/25 13:11	01/31/25 14:15	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/30/25 13:11	01/31/25 14:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	01/30/25 13:11	01/31/25 14:15	1
1,4-Difluorobenzene (Surr)	107		70 - 130	01/30/25 13:11	01/31/25 14:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			01/31/25 14:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/01/25 13:41	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		01/30/25 10:56	02/01/25 13:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 10:56	02/01/25 13:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 10:56	02/01/25 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	01/30/25 10:56	02/01/25 13:41	1
o-Terphenyl	98		70 - 130	01/30/25 10:56	02/01/25 13:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4860		49.6		mg/Kg			02/03/25 13:46	5

Client Sample ID: CS-30 (4.5')

Lab Sample ID: 880-53825-30

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 14:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 14:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 14:35	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:11	01/31/25 14:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 14:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:11	01/31/25 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/30/25 13:11	01/31/25 14:35	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/30/25 13:11	01/31/25 14:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-30 (4.5')

Lab Sample ID: 880-53825-30

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 14:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/01/25 14:01	1

Method: SW846 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		01/30/25 10:56	02/01/25 14:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 10:56	02/01/25 14:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 10:56	02/01/25 14:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				01/30/25 10:56	02/01/25 14:01	1
o-Terphenyl	92		70 - 130				01/30/25 10:56	02/01/25 14:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6500		100		mg/Kg			02/03/25 13:52	10

Client Sample ID: CS-31 (4.5')

Lab Sample ID: 880-53825-31

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 16:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 16:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 16:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/30/25 13:11	01/31/25 16:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 16:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/30/25 13:11	01/31/25 16:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/30/25 13:11	01/31/25 16:09	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/30/25 13:11	01/31/25 16:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/31/25 16:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 14:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 14:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-31 (4.5')

Lab Sample ID: 880-53825-31

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/30/25 10:56	02/01/25 14:22	1
o-Terphenyl	98		70 - 130				01/30/25 10:56	02/01/25 14:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6660	F1	99.6		mg/Kg			02/03/25 13:58	10

Client Sample ID: CS-32 (4.5')

Lab Sample ID: 880-53825-32

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 16:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:11	01/31/25 16:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:11	01/31/25 16:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/30/25 13:11	01/31/25 16:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:11	01/31/25 16:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/30/25 13:11	01/31/25 16:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				01/30/25 13:11	01/31/25 16:29	1
1,4-Difluorobenzene (Surr)	112		70 - 130				01/30/25 13:11	01/31/25 16:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/31/25 16:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/01/25 14:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 10:56	02/01/25 14:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 10:56	02/01/25 14:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 10:56	02/01/25 14:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				01/30/25 10:56	02/01/25 14:42	1
o-Terphenyl	100		70 - 130				01/30/25 10:56	02/01/25 14:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5500		99.2		mg/Kg			02/03/25 14:15	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-33 (4.5')

Lab Sample ID: 880-53825-33

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 16:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 16:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 16:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:11	01/31/25 16:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 16:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:11	01/31/25 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	01/30/25 13:11	01/31/25 16:50	1
1,4-Difluorobenzene (Surr)	110		70 - 130	01/30/25 13:11	01/31/25 16:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/25 16:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/01/25 15:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 10:56	02/01/25 15:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 10:56	02/01/25 15:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 10:56	02/01/25 15:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	01/30/25 10:56	02/01/25 15:24	1
o-Terphenyl	112		70 - 130	01/30/25 10:56	02/01/25 15:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5610		100		mg/Kg			02/03/25 14:21	10

Client Sample ID: CS-34 (4.5')

Lab Sample ID: 880-53825-34

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 17:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/30/25 13:11	01/31/25 17:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/30/25 13:11	01/31/25 17:10	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/30/25 13:11	01/31/25 17:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/30/25 13:11	01/31/25 17:10	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/30/25 13:11	01/31/25 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	01/30/25 13:11	01/31/25 17:10	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/30/25 13:11	01/31/25 17:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-34 (4.5')

Lab Sample ID: 880-53825-34

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 17:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/01/25 15:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 10:56	02/01/25 15:44	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 10:56	02/01/25 15:44	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 10:56	02/01/25 15:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				01/30/25 10:56	02/01/25 15:44	1
o-Terphenyl	92		70 - 130				01/30/25 10:56	02/01/25 15:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8320		101		mg/Kg			02/03/25 14:39	10

Client Sample ID: CS-35 (4.5')

Lab Sample ID: 880-53825-35

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 17:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/30/25 13:11	01/31/25 17:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/30/25 13:11	01/31/25 17:31	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/30/25 13:11	01/31/25 17:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/30/25 13:11	01/31/25 17:31	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/30/25 13:11	01/31/25 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/30/25 13:11	01/31/25 17:31	1
1,4-Difluorobenzene (Surr)	108		70 - 130				01/30/25 13:11	01/31/25 17:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			01/31/25 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 16:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 16:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 16:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-35 (4.5')

Lab Sample ID: 880-53825-35

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 16:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				01/30/25 10:56	02/01/25 16:04	1
o-Terphenyl	108		70 - 130				01/30/25 10:56	02/01/25 16:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6380		101		mg/Kg			02/03/25 14:45	10

Client Sample ID: CS-36 (4.5')

Lab Sample ID: 880-53825-36

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 17:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:11	01/31/25 17:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:11	01/31/25 17:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:11	01/31/25 17:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:11	01/31/25 17:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:11	01/31/25 17:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				01/30/25 13:11	01/31/25 17:51	1
1,4-Difluorobenzene (Surr)	111		70 - 130				01/30/25 13:11	01/31/25 17:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 17:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 16:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 16:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 16:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				01/30/25 10:56	02/01/25 16:25	1
o-Terphenyl	86		70 - 130				01/30/25 10:56	02/01/25 16:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8180		99.8		mg/Kg			02/03/25 14:51	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-37 (4.5')

Lab Sample ID: 880-53825-37

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 18:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 18:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 18:12	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:11	01/31/25 18:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 18:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:11	01/31/25 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/30/25 13:11	01/31/25 18:12	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/30/25 13:11	01/31/25 18:12	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			01/31/25 18:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/01/25 16:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 10:56	02/01/25 16:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 10:56	02/01/25 16:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 10:56	02/01/25 16:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	01/30/25 10:56	02/01/25 16:45	1
o-Terphenyl	93		70 - 130	01/30/25 10:56	02/01/25 16:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7220		99.4		mg/Kg			02/03/25 14:57	10

Client Sample ID: CS-38 (4.5')

Lab Sample ID: 880-53825-38

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 18:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 18:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 18:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:11	01/31/25 18:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 18:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:11	01/31/25 18:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/30/25 13:11	01/31/25 18:32	1
1,4-Difluorobenzene (Surr)	112		70 - 130	01/30/25 13:11	01/31/25 18:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-38 (4.5')

Lab Sample ID: 880-53825-38

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 18:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/01/25 17:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 10:56	02/01/25 17:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 10:56	02/01/25 17:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 10:56	02/01/25 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/30/25 10:56	02/01/25 17:05	1
o-Terphenyl	89		70 - 130				01/30/25 10:56	02/01/25 17:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9620		99.4		mg/Kg			02/03/25 15:03	10

Client Sample ID: CS-39 (4.5')

Lab Sample ID: 880-53825-39

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 18:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:11	01/31/25 18:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:11	01/31/25 18:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:11	01/31/25 18:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:11	01/31/25 18:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:11	01/31/25 18:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				01/30/25 13:11	01/31/25 18:53	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/30/25 13:11	01/31/25 18:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 18:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 17:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 17:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 17:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-39 (4.5')

Lab Sample ID: 880-53825-39

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 10:56	02/01/25 17:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/30/25 10:56	02/01/25 17:26	1
o-Terphenyl	93		70 - 130				01/30/25 10:56	02/01/25 17:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9280		99.2		mg/Kg			02/03/25 15:09	10

Client Sample ID: CS-40 (4.5')

Lab Sample ID: 880-53825-40

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:11	01/31/25 19:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 19:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 19:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:11	01/31/25 19:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 19:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:11	01/31/25 19:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/30/25 13:11	01/31/25 19:13	1
1,4-Difluorobenzene (Surr)	110		70 - 130				01/30/25 13:11	01/31/25 19:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/25 19:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/01/25 17:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 10:56	02/01/25 17:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 10:56	02/01/25 17:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 10:56	02/01/25 17:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				01/30/25 10:56	02/01/25 17:47	1
o-Terphenyl	107		70 - 130				01/30/25 10:56	02/01/25 17:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9450		99.0		mg/Kg			02/03/25 15:14	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-41 (4.5')

Lab Sample ID: 880-53825-41

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		01/30/25 13:13	01/30/25 20:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/30/25 20:32	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		01/30/25 13:13	01/30/25 20:32	1
m-Xylene & p-Xylene	<0.00401	U F1	0.00401		mg/Kg		01/30/25 13:13	01/30/25 20:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/30/25 20:32	1
Xylenes, Total	<0.00401	U F1	0.00401		mg/Kg		01/30/25 13:13	01/30/25 20:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/30/25 13:13	01/30/25 20:32	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/30/25 13:13	01/30/25 20:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/30/25 20:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/01/25 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 10:56	02/01/25 18:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 10:56	02/01/25 18:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 10:56	02/01/25 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	01/30/25 10:56	02/01/25 18:08	1
o-Terphenyl	96		70 - 130	01/30/25 10:56	02/01/25 18:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9510		99.8		mg/Kg			01/31/25 19:25	10

Client Sample ID: CS-42 (4.5')

Lab Sample ID: 880-53825-42

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/30/25 20:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/30/25 20:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/30/25 20:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:13	01/30/25 20:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/30/25 20:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:13	01/30/25 20:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	01/30/25 13:13	01/30/25 20:59	1
1,4-Difluorobenzene (Surr)	116		70 - 130	01/30/25 13:13	01/30/25 20:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-42 (4.5')

Lab Sample ID: 880-53825-42

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/30/25 20:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/01/25 18:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 10:56	02/01/25 18:28	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 10:56	02/01/25 18:28	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 10:56	02/01/25 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				01/30/25 10:56	02/01/25 18:28	1
o-Terphenyl	99		70 - 130				01/30/25 10:56	02/01/25 18:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5900		99.8		mg/Kg			01/31/25 19:42	10

Client Sample ID: CS-43 (4.5')

Lab Sample ID: 880-53825-43

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/30/25 21:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:13	01/30/25 21:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:13	01/30/25 21:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/30/25 13:13	01/30/25 21:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:13	01/30/25 21:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/30/25 13:13	01/30/25 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				01/30/25 13:13	01/30/25 21:25	1
1,4-Difluorobenzene (Surr)	111		70 - 130				01/30/25 13:13	01/30/25 21:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/30/25 21:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/01/25 20:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 10:58	02/01/25 20:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 10:58	02/01/25 20:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-43 (4.5')

Lab Sample ID: 880-53825-43

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 10:58	02/01/25 20:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				01/30/25 10:58	02/01/25 20:10	1
o-Terphenyl	92		70 - 130				01/30/25 10:58	02/01/25 20:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4140		49.6		mg/Kg			01/31/25 19:48	5

Client Sample ID: CS-44 (4.5')

Lab Sample ID: 880-53825-44

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/30/25 21:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:13	01/30/25 21:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:13	01/30/25 21:52	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/30/25 13:13	01/30/25 21:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:13	01/30/25 21:52	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/30/25 13:13	01/30/25 21:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				01/30/25 13:13	01/30/25 21:52	1
1,4-Difluorobenzene (Surr)	116		70 - 130				01/30/25 13:13	01/30/25 21:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/30/25 21:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/01/25 21:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 10:58	02/01/25 21:12	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 10:58	02/01/25 21:12	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 10:58	02/01/25 21:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				01/30/25 10:58	02/01/25 21:12	1
o-Terphenyl	116		70 - 130				01/30/25 10:58	02/01/25 21:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5730		101		mg/Kg			01/31/25 19:54	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-45 (4.5')

Lab Sample ID: 880-53825-45

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/30/25 22:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/30/25 22:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/30/25 22:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:13	01/30/25 22:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/30/25 22:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:13	01/30/25 22:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/30/25 13:13	01/30/25 22:18	1
1,4-Difluorobenzene (Surr)	106		70 - 130	01/30/25 13:13	01/30/25 22:18	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			01/30/25 22:18	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			02/01/25 21:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/01/25 21:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/01/25 21:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/01/25 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	01/30/25 10:58	02/01/25 21:32	1
o-Terphenyl	100		70 - 130	01/30/25 10:58	02/01/25 21:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5680		99.4		mg/Kg			01/31/25 20:00	10

Client Sample ID: CS-46 (4.5')

Lab Sample ID: 880-53825-46

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/30/25 22:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/30/25 22:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/30/25 22:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:13	01/30/25 22:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/30/25 22:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:13	01/30/25 22:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/30/25 13:13	01/30/25 22:45	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/30/25 13:13	01/30/25 22:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-46 (4.5')

Lab Sample ID: 880-53825-46

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/30/25 22:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 21:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/01/25 21:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/01/25 21:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/01/25 21:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				01/30/25 10:58	02/01/25 21:52	1
o-Terphenyl	121		70 - 130				01/30/25 10:58	02/01/25 21:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5300		99.6		mg/Kg			01/31/25 20:41	10

Client Sample ID: CS-47 (4.5')

Lab Sample ID: 880-53825-47

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/30/25 23:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/30/25 23:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/30/25 23:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:13	01/30/25 23:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/30/25 23:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:13	01/30/25 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				01/30/25 13:13	01/30/25 23:12	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/30/25 13:13	01/30/25 23:12	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			01/30/25 23:12	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			02/01/25 22:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 10:58	02/01/25 22:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 10:58	02/01/25 22:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-47 (4.5')

Lab Sample ID: 880-53825-47

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 10:58	02/01/25 22:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				01/30/25 10:58	02/01/25 22:13	1
o-Terphenyl	90		70 - 130				01/30/25 10:58	02/01/25 22:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5290		100		mg/Kg			01/31/25 20:47	10

Client Sample ID: CS-48 (4.5')

Lab Sample ID: 880-53825-48

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/30/25 23:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/30/25 23:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/30/25 23:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:13	01/30/25 23:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/30/25 23:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:13	01/30/25 23:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				01/30/25 13:13	01/30/25 23:38	1
1,4-Difluorobenzene (Surr)	110		70 - 130				01/30/25 13:13	01/30/25 23:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/30/25 23:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/01/25 22:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 10:58	02/01/25 22:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 10:58	02/01/25 22:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 10:58	02/01/25 22:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/30/25 10:58	02/01/25 22:34	1
o-Terphenyl	88		70 - 130				01/30/25 10:58	02/01/25 22:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5090		101		mg/Kg			01/31/25 20:53	10

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-49 (4.5')

Lab Sample ID: 880-53825-49

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/31/25 00:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 00:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 00:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:13	01/31/25 00:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 00:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:13	01/31/25 00:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	01/30/25 13:13	01/31/25 00:05	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/30/25 13:13	01/31/25 00:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/25 00:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 22:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/01/25 22:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/01/25 22:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/01/25 22:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	01/30/25 10:58	02/01/25 22:55	1
o-Terphenyl	88		70 - 130	01/30/25 10:58	02/01/25 22:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7460		101		mg/Kg			01/31/25 20:59	10

Client Sample ID: CS-50 (4.5')

Lab Sample ID: 880-53825-50

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/31/25 00:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 00:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 00:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:13	01/31/25 00:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 00:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:13	01/31/25 00:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	01/30/25 13:13	01/31/25 00:31	1
1,4-Difluorobenzene (Surr)	110		70 - 130	01/30/25 13:13	01/31/25 00:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-50 (4.5')

Lab Sample ID: 880-53825-50

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 00:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/01/25 23:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 10:58	02/01/25 23:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 10:58	02/01/25 23:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 10:58	02/01/25 23:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/30/25 10:58	02/01/25 23:15	1
o-Terphenyl	96		70 - 130				01/30/25 10:58	02/01/25 23:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9190		101		mg/Kg			01/31/25 21:05	10

Client Sample ID: CS-51 (4.5')

Lab Sample ID: 880-53825-51

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/31/25 02:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/31/25 02:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/31/25 02:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:13	01/31/25 02:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/31/25 02:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:13	01/31/25 02:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				01/30/25 13:13	01/31/25 02:17	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/30/25 13:13	01/31/25 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			01/31/25 02:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/01/25 23:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 10:58	02/01/25 23:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 10:58	02/01/25 23:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-51 (4.5')

Lab Sample ID: 880-53825-51

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 10:58	02/01/25 23:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				01/30/25 10:58	02/01/25 23:35	1
o-Terphenyl	94		70 - 130				01/30/25 10:58	02/01/25 23:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5390	F1	99.4		mg/Kg			01/31/25 21:11	10

Client Sample ID: CS-52 (4.5')

Lab Sample ID: 880-53825-52

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/31/25 02:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/31/25 02:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/31/25 02:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:13	01/31/25 02:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/31/25 02:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:13	01/31/25 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				01/30/25 13:13	01/31/25 02:44	1
1,4-Difluorobenzene (Surr)	114		70 - 130				01/30/25 13:13	01/31/25 02:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 02:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/01/25 23:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 10:58	02/01/25 23:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 10:58	02/01/25 23:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 10:58	02/01/25 23:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/30/25 10:58	02/01/25 23:56	1
o-Terphenyl	93		70 - 130				01/30/25 10:58	02/01/25 23:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5470		99.4		mg/Kg			01/31/25 21:29	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-53 (4.5')

Lab Sample ID: 880-53825-53

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/31/25 03:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 03:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 03:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:13	01/31/25 03:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 03:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:13	01/31/25 03:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/30/25 13:13	01/31/25 03:10	1
1,4-Difluorobenzene (Surr)	106		70 - 130	01/30/25 13:13	01/31/25 03:10	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			01/31/25 03:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/25 00:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/02/25 00:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/02/25 00:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/02/25 00:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	01/30/25 10:58	02/02/25 00:37	1
o-Terphenyl	96		70 - 130	01/30/25 10:58	02/02/25 00:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7650		99.2		mg/Kg			01/31/25 21:35	10

Client Sample ID: CS-54 (4.5')

Lab Sample ID: 880-53825-54

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/31/25 03:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 03:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 03:37	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:13	01/31/25 03:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 03:37	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:13	01/31/25 03:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	01/30/25 13:13	01/31/25 03:37	1
1,4-Difluorobenzene (Surr)	109		70 - 130	01/30/25 13:13	01/31/25 03:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-54 (4.5')

Lab Sample ID: 880-53825-54

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 03:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/02/25 00:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 10:58	02/02/25 00:58	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 10:58	02/02/25 00:58	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 10:58	02/02/25 00:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/30/25 10:58	02/02/25 00:58	1
o-Terphenyl	97		70 - 130				01/30/25 10:58	02/02/25 00:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8540		101		mg/Kg			01/31/25 21:53	10

Client Sample ID: CS-55 (4.5')

Lab Sample ID: 880-53825-55

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/31/25 04:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/31/25 04:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/31/25 04:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:13	01/31/25 04:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/31/25 04:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:13	01/31/25 04:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				01/30/25 13:13	01/31/25 04:04	1
1,4-Difluorobenzene (Surr)	104		70 - 130				01/30/25 13:13	01/31/25 04:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 04:04	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			02/02/25 01:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 10:58	02/02/25 01:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 10:58	02/02/25 01:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-55 (4.5')

Lab Sample ID: 880-53825-55

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 10:58	02/02/25 01:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				01/30/25 10:58	02/02/25 01:19	1
o-Terphenyl	98		70 - 130				01/30/25 10:58	02/02/25 01:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7760		101		mg/Kg			01/31/25 21:59	10

Client Sample ID: CS-56 (4.5')

Lab Sample ID: 880-53825-56

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/31/25 04:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/31/25 04:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/31/25 04:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:13	01/31/25 04:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/31/25 04:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:13	01/31/25 04:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				01/30/25 13:13	01/31/25 04:30	1
1,4-Difluorobenzene (Surr)	113		70 - 130				01/30/25 13:13	01/31/25 04:30	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			01/31/25 04:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/25 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 10:58	02/02/25 01:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 10:58	02/02/25 01:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 10:58	02/02/25 01:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				01/30/25 10:58	02/02/25 01:39	1
o-Terphenyl	113		70 - 130				01/30/25 10:58	02/02/25 01:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8320		101		mg/Kg			01/31/25 22:04	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-57 (4.5')

Lab Sample ID: 880-53825-57

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/31/25 04:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 04:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 04:56	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:13	01/31/25 04:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 04:56	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:13	01/31/25 04:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	01/30/25 13:13	01/31/25 04:56	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/30/25 13:13	01/31/25 04:56	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			01/31/25 04:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/25 02:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/02/25 02:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/02/25 02:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/02/25 02:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	01/30/25 10:58	02/02/25 02:00	1
o-Terphenyl	107		70 - 130	01/30/25 10:58	02/02/25 02:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8210		101		mg/Kg			01/31/25 22:10	10

Client Sample ID: CS-58 (4.5')

Lab Sample ID: 880-53825-58

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/31/25 05:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 05:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 05:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:13	01/31/25 05:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 05:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:13	01/31/25 05:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/30/25 13:13	01/31/25 05:23	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/30/25 13:13	01/31/25 05:23	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-58 (4.5')

Lab Sample ID: 880-53825-58

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 05:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/25 02:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 10:58	02/02/25 02:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 10:58	02/02/25 02:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 10:58	02/02/25 02:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				01/30/25 10:58	02/02/25 02:21	1
o-Terphenyl	94		70 - 130				01/30/25 10:58	02/02/25 02:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7720		99.6		mg/Kg			01/31/25 22:16	10

Client Sample ID: CS-59 (4.5')

Lab Sample ID: 880-53825-59

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/31/25 05:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/31/25 05:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/31/25 05:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:13	01/31/25 05:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:13	01/31/25 05:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:13	01/31/25 05:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				01/30/25 13:13	01/31/25 05:49	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/30/25 13:13	01/31/25 05:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 05:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/25 02:41	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		01/30/25 10:58	02/02/25 02:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 10:58	02/02/25 02:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-59 (4.5')

Lab Sample ID: 880-53825-59

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 10:58	02/02/25 02:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				01/30/25 10:58	02/02/25 02:41	1
o-Terphenyl	106		70 - 130				01/30/25 10:58	02/02/25 02:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6730		99.6		mg/Kg			01/31/25 22:22	10

Client Sample ID: CS-60 (4.5')

Lab Sample ID: 880-53825-60

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:13	01/31/25 06:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 06:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 06:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:13	01/31/25 06:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/31/25 06:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:13	01/31/25 06:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				01/30/25 13:13	01/31/25 06:16	1
1,4-Difluorobenzene (Surr)	110		70 - 130				01/30/25 13:13	01/31/25 06:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/25 06:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/25 03:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/02/25 03:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/02/25 03:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/02/25 03:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				01/30/25 10:58	02/02/25 03:02	1
o-Terphenyl	93		70 - 130				01/30/25 10:58	02/02/25 03:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8000		99.8		mg/Kg			01/31/25 22:28	10

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-61 (4.5')

Lab Sample ID: 880-53825-61

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 11:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 11:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 11:31	1
m-Xylene & p-Xylene	<0.00401	U F1 F2	0.00401		mg/Kg		01/30/25 13:15	01/31/25 11:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 11:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:15	01/31/25 11:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	01/30/25 13:15	01/31/25 11:31	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/30/25 13:15	01/31/25 11:31	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			01/31/25 11:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/25 03:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/02/25 03:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/02/25 03:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 10:58	02/02/25 03:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	01/30/25 10:58	02/02/25 03:22	1
o-Terphenyl	110		70 - 130	01/30/25 10:58	02/02/25 03:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6740	F1	101		mg/Kg			02/03/25 16:02	10

Client Sample ID: CS-62 (4.5')

Lab Sample ID: 880-53825-62

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 11:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 11:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 11:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:15	01/31/25 11:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 11:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:15	01/31/25 11:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/30/25 13:15	01/31/25 11:51	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/30/25 13:15	01/31/25 11:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-62 (4.5')

Lab Sample ID: 880-53825-62

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 11:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/02/25 03:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 10:58	02/02/25 03:43	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 10:58	02/02/25 03:43	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 10:58	02/02/25 03:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/30/25 10:58	02/02/25 03:43	1
o-Terphenyl	94		70 - 130				01/30/25 10:58	02/02/25 03:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7980		101		mg/Kg			02/03/25 16:20	10

Client Sample ID: CS-63 (4.5')

Lab Sample ID: 880-53825-63

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 12:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:15	01/31/25 12:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:15	01/31/25 12:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/30/25 13:15	01/31/25 12:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:15	01/31/25 12:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/30/25 13:15	01/31/25 12:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/30/25 13:15	01/31/25 12:12	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/30/25 13:15	01/31/25 12:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/31/25 12:12	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			02/01/25 10:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 11:01	02/01/25 10:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 11:01	02/01/25 10:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-63 (4.5')

Lab Sample ID: 880-53825-63

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 11:01	02/01/25 10:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				01/30/25 11:01	02/01/25 10:58	1
o-Terphenyl	85		70 - 130				01/30/25 11:01	02/01/25 10:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5790		99.2		mg/Kg			02/03/25 16:26	10

Client Sample ID: CS-64 (4.5')

Lab Sample ID: 880-53825-64

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 12:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:15	01/31/25 12:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:15	01/31/25 12:32	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/30/25 13:15	01/31/25 12:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:15	01/31/25 12:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/30/25 13:15	01/31/25 12:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				01/30/25 13:15	01/31/25 12:32	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/30/25 13:15	01/31/25 12:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/31/25 12:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/01/25 11:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 11:01	02/01/25 11:59	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 11:01	02/01/25 11:59	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 11:01	02/01/25 11:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				01/30/25 11:01	02/01/25 11:59	1
o-Terphenyl	84		70 - 130				01/30/25 11:01	02/01/25 11:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5880		99.6		mg/Kg			02/03/25 16:32	10

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-65 (4.5')

Lab Sample ID: 880-53825-65

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 12:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 12:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 12:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:15	01/31/25 12:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 12:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:15	01/31/25 12:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/30/25 13:15	01/31/25 12:53	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/30/25 13:15	01/31/25 12:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/31/25 12:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 12:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 12:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 12:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 12:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	01/30/25 11:01	02/01/25 12:19	1
o-Terphenyl	92		70 - 130	01/30/25 11:01	02/01/25 12:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6120		99.8		mg/Kg			02/03/25 16:37	10

Client Sample ID: CS-66 (4.5')

Lab Sample ID: 880-53825-66

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 13:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 13:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 13:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:15	01/31/25 13:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 13:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:15	01/31/25 13:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/30/25 13:15	01/31/25 13:13	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/30/25 13:15	01/31/25 13:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-66 (4.5')

Lab Sample ID: 880-53825-66

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 13:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/01/25 12:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 11:01	02/01/25 12:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:01	02/01/25 12:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 11:01	02/01/25 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				01/30/25 11:01	02/01/25 12:40	1
o-Terphenyl	83		70 - 130				01/30/25 11:01	02/01/25 12:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5130		99.8		mg/Kg			02/03/25 16:55	10

Client Sample ID: CS-67 (4.5')

Lab Sample ID: 880-53825-67

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 13:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 13:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 13:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:15	01/31/25 13:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 13:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:15	01/31/25 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				01/30/25 13:15	01/31/25 13:34	1
1,4-Difluorobenzene (Surr)	97		70 - 130				01/30/25 13:15	01/31/25 13:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 13:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/01/25 13:01	1

Method: SW846 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		01/30/25 11:01	02/01/25 13:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 11:01	02/01/25 13:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-67 (4.5')

Lab Sample ID: 880-53825-67

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 11:01	02/01/25 13:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/30/25 11:01	02/01/25 13:01	1
o-Terphenyl	87		70 - 130				01/30/25 11:01	02/01/25 13:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5070		100		mg/Kg			02/03/25 17:01	10

Client Sample ID: CS-68 (4.5')

Lab Sample ID: 880-53825-68

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 13:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 13:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 13:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:15	01/31/25 13:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 13:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:15	01/31/25 13:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				01/30/25 13:15	01/31/25 13:54	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/30/25 13:15	01/31/25 13:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 13:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/01/25 13:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 11:01	02/01/25 13:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 11:01	02/01/25 13:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 11:01	02/01/25 13:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				01/30/25 11:01	02/01/25 13:21	1
o-Terphenyl	82		70 - 130				01/30/25 11:01	02/01/25 13:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6260		101		mg/Kg			02/03/25 17:07	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-69 (4.5')

Lab Sample ID: 880-53825-69

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 14:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 14:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 14:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:15	01/31/25 14:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 14:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:15	01/31/25 14:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	01/30/25 13:15	01/31/25 14:15	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/30/25 13:15	01/31/25 14:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/25 14:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/01/25 13:41	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		01/30/25 11:01	02/01/25 13:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:01	02/01/25 13:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 11:01	02/01/25 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	01/30/25 11:01	02/01/25 13:41	1
o-Terphenyl	96		70 - 130	01/30/25 11:01	02/01/25 13:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5640		100		mg/Kg			02/03/25 17:13	10

Client Sample ID: CS-70 (4.5')

Lab Sample ID: 880-53825-70

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 14:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 14:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 14:35	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:15	01/31/25 14:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 14:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:15	01/31/25 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	01/30/25 13:15	01/31/25 14:35	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/30/25 13:15	01/31/25 14:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-70 (4.5')

Lab Sample ID: 880-53825-70

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 14:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/01/25 14:01	1

Method: SW846 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		01/30/25 11:01	02/01/25 14:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 11:01	02/01/25 14:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 11:01	02/01/25 14:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/30/25 11:01	02/01/25 14:01	1
o-Terphenyl	87		70 - 130				01/30/25 11:01	02/01/25 14:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6070		99.4		mg/Kg			02/03/25 17:19	10

Client Sample ID: CS-71 (4.5')

Lab Sample ID: 880-53825-71

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 16:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 16:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 16:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:15	01/31/25 16:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 16:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:15	01/31/25 16:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				01/30/25 13:15	01/31/25 16:09	1
1,4-Difluorobenzene (Surr)	102		70 - 130				01/30/25 13:15	01/31/25 16:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 16:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 14:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 14:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-71 (4.5')

Lab Sample ID: 880-53825-71

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	171	S1+	70 - 130				01/30/25 11:01	02/01/25 14:22	1
o-Terphenyl	180	S1+	70 - 130				01/30/25 11:01	02/01/25 14:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7850	F1	99.2		mg/Kg			02/03/25 17:25	10

Client Sample ID: CS-72 (4.5')

Lab Sample ID: 880-53825-72

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 16:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 16:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 16:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:15	01/31/25 16:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 16:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:15	01/31/25 16:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				01/30/25 13:15	01/31/25 16:29	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/30/25 13:15	01/31/25 16:29	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			01/31/25 16:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 14:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 14:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 14:42	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 14:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				01/30/25 11:01	02/01/25 14:42	1
o-Terphenyl	130		70 - 130				01/30/25 11:01	02/01/25 14:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4670		49.9		mg/Kg			02/03/25 17:43	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-73 (4.5')

Lab Sample ID: 880-53825-73

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 16:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 16:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 16:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:15	01/31/25 16:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 16:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:15	01/31/25 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	01/30/25 13:15	01/31/25 16:50	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/30/25 13:15	01/31/25 16:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/25 16:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/01/25 15:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 11:01	02/01/25 15:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:01	02/01/25 15:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 11:01	02/01/25 15:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130	01/30/25 11:01	02/01/25 15:24	1
o-Terphenyl	75		70 - 130	01/30/25 11:01	02/01/25 15:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4920		49.6		mg/Kg			02/03/25 17:48	5

Client Sample ID: CS-74 (4.5')

Lab Sample ID: 880-53825-74

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 17:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 17:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 17:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:15	01/31/25 17:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 17:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:15	01/31/25 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	01/30/25 13:15	01/31/25 17:10	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/30/25 13:15	01/31/25 17:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-74 (4.5')

Lab Sample ID: 880-53825-74

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 17:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 15:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 15:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 15:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 15:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				01/30/25 11:01	02/01/25 15:44	1
o-Terphenyl	87		70 - 130				01/30/25 11:01	02/01/25 15:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5170		100		mg/Kg			02/03/25 18:06	10

Client Sample ID: CS-75 (4.5')

Lab Sample ID: 880-53825-75

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 17:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 17:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 17:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:15	01/31/25 17:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 17:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:15	01/31/25 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				01/30/25 13:15	01/31/25 17:31	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/30/25 13:15	01/31/25 17:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/01/25 16:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 11:01	02/01/25 16:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:01	02/01/25 16:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-75 (4.5')

Lab Sample ID: 880-53825-75

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 11:01	02/01/25 16:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				01/30/25 11:01	02/01/25 16:04	1
o-Terphenyl	87		70 - 130				01/30/25 11:01	02/01/25 16:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4870		49.7		mg/Kg			02/03/25 18:12	5

Client Sample ID: CS-76 (4.5')

Lab Sample ID: 880-53825-76

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 17:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 17:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 17:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:15	01/31/25 17:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 17:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:15	01/31/25 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				01/30/25 13:15	01/31/25 17:52	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/30/25 13:15	01/31/25 17:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 17:52	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			02/01/25 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 11:01	02/01/25 16:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 11:01	02/01/25 16:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 11:01	02/01/25 16:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				01/30/25 11:01	02/01/25 16:25	1
o-Terphenyl	72		70 - 130				01/30/25 11:01	02/01/25 16:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5650		101		mg/Kg			02/03/25 18:18	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-77 (4.5')

Lab Sample ID: 880-53825-77

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 18:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 18:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 18:12	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:15	01/31/25 18:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 18:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:15	01/31/25 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	01/30/25 13:15	01/31/25 18:12	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/30/25 13:15	01/31/25 18:12	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			01/31/25 18:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 16:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 16:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 16:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 16:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	01/30/25 11:01	02/01/25 16:45	1
o-Terphenyl	89		70 - 130	01/30/25 11:01	02/01/25 16:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4220		49.9		mg/Kg			02/03/25 18:24	5

Client Sample ID: CS-78 (4.5')

Lab Sample ID: 880-53825-78

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 18:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 18:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 18:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:15	01/31/25 18:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 18:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:15	01/31/25 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	01/30/25 13:15	01/31/25 18:33	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/30/25 13:15	01/31/25 18:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-78 (4.5')

Lab Sample ID: 880-53825-78

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 18:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 17:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 17:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 17:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				01/30/25 11:01	02/01/25 17:05	1
o-Terphenyl	92		70 - 130				01/30/25 11:01	02/01/25 17:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4850		49.8		mg/Kg			02/03/25 18:30	5

Client Sample ID: CS-79 (4.5')

Lab Sample ID: 880-53825-79

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 18:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 18:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 18:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:15	01/31/25 18:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:15	01/31/25 18:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:15	01/31/25 18:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				01/30/25 13:15	01/31/25 18:53	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/30/25 13:15	01/31/25 18:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 18:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/01/25 17:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 11:01	02/01/25 17:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:01	02/01/25 17:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-79 (4.5')

Lab Sample ID: 880-53825-79

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 11:01	02/01/25 17:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				01/30/25 11:01	02/01/25 17:26	1
o-Terphenyl	81		70 - 130				01/30/25 11:01	02/01/25 17:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5890		99.2		mg/Kg			02/03/25 18:36	10

Client Sample ID: CS-80 (4.5')

Lab Sample ID: 880-53825-80

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:15	01/31/25 19:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 19:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 19:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:15	01/31/25 19:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 19:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:15	01/31/25 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/30/25 13:15	01/31/25 19:19	1
1,4-Difluorobenzene (Surr)	95		70 - 130				01/30/25 13:15	01/31/25 19:19	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			01/31/25 19:19	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			02/01/25 17:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 11:01	02/01/25 17:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 11:01	02/01/25 17:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 11:01	02/01/25 17:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				01/30/25 11:01	02/01/25 17:47	1
o-Terphenyl	85		70 - 130				01/30/25 11:01	02/01/25 17:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3890		50.4		mg/Kg			02/03/25 18:42	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-81 (4.5')

Lab Sample ID: 880-53825-81

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 12:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 12:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 12:35	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:17	01/31/25 12:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 12:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:17	01/31/25 12:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/30/25 13:17	01/31/25 12:35	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/30/25 13:17	01/31/25 12:35	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			01/31/25 12:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 18:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 18:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:01	02/01/25 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	01/30/25 11:01	02/01/25 18:08	1
o-Terphenyl	86		70 - 130	01/30/25 11:01	02/01/25 18:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3050	F1	49.8		mg/Kg			02/03/25 19:55	5

Client Sample ID: CS-82 (4.5')

Lab Sample ID: 880-53825-82

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 12:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 12:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 12:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:17	01/31/25 12:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 12:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:17	01/31/25 12:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/30/25 13:17	01/31/25 12:56	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/30/25 13:17	01/31/25 12:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-82 (4.5')

Lab Sample ID: 880-53825-82

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 12:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/01/25 18:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 11:01	02/01/25 18:28	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 11:01	02/01/25 18:28	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 11:01	02/01/25 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				01/30/25 11:01	02/01/25 18:28	1
o-Terphenyl	92		70 - 130				01/30/25 11:01	02/01/25 18:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3330		49.6		mg/Kg			02/03/25 20:17	5

Client Sample ID: CS-83 (4.5')

Lab Sample ID: 880-53825-83

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 13:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:17	01/31/25 13:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:17	01/31/25 13:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/30/25 13:17	01/31/25 13:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:17	01/31/25 13:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/30/25 13:17	01/31/25 13:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				01/30/25 13:17	01/31/25 13:16	1
1,4-Difluorobenzene (Surr)	90		70 - 130				01/30/25 13:17	01/31/25 13:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/31/25 13:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/01/25 20:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 11:08	02/01/25 20:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		01/30/25 11:08	02/01/25 20:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-83 (4.5')

Lab Sample ID: 880-53825-83

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 11:08	02/01/25 20:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				01/30/25 11:08	02/01/25 20:10	1
o-Terphenyl	90		70 - 130				01/30/25 11:08	02/01/25 20:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4450		50.4		mg/Kg			02/03/25 20:24	5

Client Sample ID: CS-84 (4.5')

Lab Sample ID: 880-53825-84

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 13:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:17	01/31/25 13:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:17	01/31/25 13:37	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/30/25 13:17	01/31/25 13:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:17	01/31/25 13:37	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/30/25 13:17	01/31/25 13:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130				01/30/25 13:17	01/31/25 13:37	1
1,4-Difluorobenzene (Surr)	102		70 - 130				01/30/25 13:17	01/31/25 13:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/31/25 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 21:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/01/25 21:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/01/25 21:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/01/25 21:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				01/30/25 11:08	02/01/25 21:12	1
o-Terphenyl	77		70 - 130				01/30/25 11:08	02/01/25 21:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3710		49.9		mg/Kg			02/03/25 20:32	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-85 (4.5')

Lab Sample ID: 880-53825-85

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 13:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 13:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 13:57	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:17	01/31/25 13:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 13:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:17	01/31/25 13:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130	01/30/25 13:17	01/31/25 13:57	1
1,4-Difluorobenzene (Surr)	76		70 - 130	01/30/25 13:17	01/31/25 13:57	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			01/31/25 13:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 21:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/01/25 21:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/01/25 21:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/01/25 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	01/30/25 11:08	02/01/25 21:32	1
o-Terphenyl	83		70 - 130	01/30/25 11:08	02/01/25 21:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3290		50.0		mg/Kg			02/03/25 20:39	5

Client Sample ID: CS-86 (4.5')

Lab Sample ID: 880-53825-86

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 14:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 14:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 14:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:17	01/31/25 14:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 14:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:17	01/31/25 14:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/30/25 13:17	01/31/25 14:18	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/30/25 13:17	01/31/25 14:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-86 (4.5')

Lab Sample ID: 880-53825-86

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/01/25 21:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 11:08	02/01/25 21:52	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 11:08	02/01/25 21:52	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 11:08	02/01/25 21:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				01/30/25 11:08	02/01/25 21:52	1
o-Terphenyl	86		70 - 130				01/30/25 11:08	02/01/25 21:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.7		mg/Kg			02/03/25 21:02	5

Client Sample ID: CS-87 (4.5')

Lab Sample ID: 880-53825-87

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 14:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 14:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 14:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:17	01/31/25 14:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 14:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:17	01/31/25 14:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				01/30/25 13:17	01/31/25 14:38	1
1,4-Difluorobenzene (Surr)	86		70 - 130				01/30/25 13:17	01/31/25 14:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 14:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 22:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/01/25 22:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/01/25 22:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-87 (4.5')

Lab Sample ID: 880-53825-87

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/01/25 22:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				01/30/25 11:08	02/01/25 22:13	1
o-Terphenyl	80		70 - 130				01/30/25 11:08	02/01/25 22:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3490		49.6		mg/Kg			02/03/25 21:09	5

Client Sample ID: CS-88 (4.5')

Lab Sample ID: 880-53825-88

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 14:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 14:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 14:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:17	01/31/25 14:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 14:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:17	01/31/25 14:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				01/30/25 13:17	01/31/25 14:59	1
1,4-Difluorobenzene (Surr)	90		70 - 130				01/30/25 13:17	01/31/25 14:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 14:59	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			02/01/25 22:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 11:08	02/01/25 22:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:08	02/01/25 22:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 11:08	02/01/25 22:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				01/30/25 11:08	02/01/25 22:34	1
o-Terphenyl	76		70 - 130				01/30/25 11:08	02/01/25 22:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3130		50.1		mg/Kg			02/03/25 21:17	5

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-89 (4.5')

Lab Sample ID: 880-53825-89

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 15:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 15:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 15:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:17	01/31/25 15:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 15:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:17	01/31/25 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/30/25 13:17	01/31/25 15:19	1
1,4-Difluorobenzene (Surr)	91		70 - 130	01/30/25 13:17	01/31/25 15:19	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			01/31/25 15:19	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			02/01/25 22:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 11:08	02/01/25 22:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 11:08	02/01/25 22:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 11:08	02/01/25 22:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	01/30/25 11:08	02/01/25 22:55	1
o-Terphenyl	78		70 - 130	01/30/25 11:08	02/01/25 22:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2820		50.2		mg/Kg			02/03/25 21:24	5

Client Sample ID: CS-90 (4.5')

Lab Sample ID: 880-53825-90

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 15:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 15:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 15:40	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:17	01/31/25 15:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 15:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:17	01/31/25 15:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	01/30/25 13:17	01/31/25 15:40	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/30/25 13:17	01/31/25 15:40	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-90 (4.5')

Lab Sample ID: 880-53825-90

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 15:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 23:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/01/25 23:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/01/25 23:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/01/25 23:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				01/30/25 11:08	02/01/25 23:15	1
o-Terphenyl	86		70 - 130				01/30/25 11:08	02/01/25 23:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6350		101		mg/Kg			02/03/25 21:31	10

Client Sample ID: CS-91 (4.5')

Lab Sample ID: 880-53825-91

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 17:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 17:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 17:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:17	01/31/25 17:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 17:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:17	01/31/25 17:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/30/25 13:17	01/31/25 17:04	1
1,4-Difluorobenzene (Surr)	92		70 - 130				01/30/25 13:17	01/31/25 17:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 17:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/01/25 23:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/01/25 23:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/01/25 23:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-91 (4.5')

Lab Sample ID: 880-53825-91

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/01/25 23:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				01/30/25 11:08	02/01/25 23:35	1
o-Terphenyl	87		70 - 130				01/30/25 11:08	02/01/25 23:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7140		101		mg/Kg			02/03/25 21:39	10

Client Sample ID: CS-92 (4.5')

Lab Sample ID: 880-53825-92

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 17:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 17:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 17:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:17	01/31/25 17:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 17:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:17	01/31/25 17:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				01/30/25 13:17	01/31/25 17:25	1
1,4-Difluorobenzene (Surr)	94		70 - 130				01/30/25 13:17	01/31/25 17:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 17:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/01/25 23:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 11:08	02/01/25 23:56	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 11:08	02/01/25 23:56	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 11:08	02/01/25 23:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				01/30/25 11:08	02/01/25 23:56	1
o-Terphenyl	84		70 - 130				01/30/25 11:08	02/01/25 23:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8130		101		mg/Kg			02/03/25 22:01	10

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-93 (4.5')

Lab Sample ID: 880-53825-93

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 17:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 17:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 17:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:17	01/31/25 17:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 17:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:17	01/31/25 17:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/30/25 13:17	01/31/25 17:45	1
1,4-Difluorobenzene (Surr)	86		70 - 130	01/30/25 13:17	01/31/25 17:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/25 17:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/25 00:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 00:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 00:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 00:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	01/30/25 11:08	02/02/25 00:37	1
o-Terphenyl	85		70 - 130	01/30/25 11:08	02/02/25 00:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6830		99.2		mg/Kg			02/03/25 22:09	10

Client Sample ID: CS-94 (4.5')

Lab Sample ID: 880-53825-94

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 18:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 18:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 18:06	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:17	01/31/25 18:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 18:06	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:17	01/31/25 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/30/25 13:17	01/31/25 18:06	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/30/25 13:17	01/31/25 18:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-94 (4.5')

Lab Sample ID: 880-53825-94

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 18:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/25 00:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 11:08	02/02/25 00:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:08	02/02/25 00:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 11:08	02/02/25 00:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				01/30/25 11:08	02/02/25 00:58	1
o-Terphenyl	75		70 - 130				01/30/25 11:08	02/02/25 00:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7740		100		mg/Kg			02/03/25 22:31	10

Client Sample ID: CS-95 (4.5')

Lab Sample ID: 880-53825-95

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 18:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 18:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 18:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:17	01/31/25 18:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 18:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:17	01/31/25 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				01/30/25 13:17	01/31/25 18:26	1
1,4-Difluorobenzene (Surr)	94		70 - 130				01/30/25 13:17	01/31/25 18:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 18:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/25 01:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 01:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 01:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-95 (4.5')

Lab Sample ID: 880-53825-95

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 01:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				01/30/25 11:08	02/02/25 01:19	1
o-Terphenyl	79		70 - 130				01/30/25 11:08	02/02/25 01:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9000		101		mg/Kg			02/03/25 22:38	10

Client Sample ID: CS-96 (4.5')

Lab Sample ID: 880-53825-96

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 18:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 18:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 18:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:17	01/31/25 18:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 18:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:17	01/31/25 18:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				01/30/25 13:17	01/31/25 18:47	1
1,4-Difluorobenzene (Surr)	83		70 - 130				01/30/25 13:17	01/31/25 18:47	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			01/31/25 18:47	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			02/02/25 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 01:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 01:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 01:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				01/30/25 11:08	02/02/25 01:39	1
o-Terphenyl	79		70 - 130				01/30/25 11:08	02/02/25 01:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7040		99.6		mg/Kg			02/03/25 22:46	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-97 (4.5')

Lab Sample ID: 880-53825-97

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 19:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 19:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 19:07	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:17	01/31/25 19:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 19:07	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:17	01/31/25 19:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130	01/30/25 13:17	01/31/25 19:07	1
1,4-Difluorobenzene (Surr)	87		70 - 130	01/30/25 13:17	01/31/25 19:07	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			01/31/25 19:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/02/25 02:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 11:08	02/02/25 02:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 11:08	02/02/25 02:00	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 11:08	02/02/25 02:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130	01/30/25 11:08	02/02/25 02:00	1
o-Terphenyl	74		70 - 130	01/30/25 11:08	02/02/25 02:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9470		99.4		mg/Kg			02/03/25 22:53	10

Client Sample ID: CS-98 (4.5')

Lab Sample ID: 880-53825-98

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 19:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 19:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 19:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:17	01/31/25 19:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 19:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:17	01/31/25 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130	01/30/25 13:17	01/31/25 19:28	1
1,4-Difluorobenzene (Surr)	86		70 - 130	01/30/25 13:17	01/31/25 19:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-98 (4.5')

Lab Sample ID: 880-53825-98

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 19:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/25 02:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 02:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 02:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 02:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/30/25 11:08	02/02/25 02:21	1
o-Terphenyl	92		70 - 130				01/30/25 11:08	02/02/25 02:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5650		99.2		mg/Kg			02/03/25 23:01	10

Client Sample ID: CS-99 (4.5')

Lab Sample ID: 880-53825-99

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 19:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 19:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 19:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:17	01/31/25 19:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:17	01/31/25 19:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:17	01/31/25 19:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				01/30/25 13:17	01/31/25 19:48	1
1,4-Difluorobenzene (Surr)	94		70 - 130				01/30/25 13:17	01/31/25 19:48	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			01/31/25 19:48	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			02/02/25 02:41	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	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 02:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 02:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-99 (4.5')

Lab Sample ID: 880-53825-99

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 02:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				01/30/25 11:08	02/02/25 02:41	1
o-Terphenyl	78		70 - 130				01/30/25 11:08	02/02/25 02:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6810		101		mg/Kg			02/03/25 23:08	10

Client Sample ID: CS-100 (4.5')

Lab Sample ID: 880-53825-100

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:17	01/31/25 20:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 20:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 20:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:17	01/31/25 20:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 20:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:17	01/31/25 20:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				01/30/25 13:17	01/31/25 20:09	1
1,4-Difluorobenzene (Surr)	90		70 - 130				01/30/25 13:17	01/31/25 20:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/25 20:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/25 03:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 11:08	02/02/25 03:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:08	02/02/25 03:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 11:08	02/02/25 03:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				01/30/25 11:08	02/02/25 03:02	1
o-Terphenyl	95		70 - 130				01/30/25 11:08	02/02/25 03:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8100		101		mg/Kg			02/03/25 23:16	10

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-101 (4.5')

Lab Sample ID: 880-53825-101

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 13:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 13:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 13:26	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:18	01/31/25 13:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 13:26	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:18	01/31/25 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/30/25 13:18	01/31/25 13:26	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/30/25 13:18	01/31/25 13:26	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			01/31/25 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/25 03:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 03:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 03:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:08	02/02/25 03:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130	01/30/25 11:08	02/02/25 03:22	1
o-Terphenyl	79		70 - 130	01/30/25 11:08	02/02/25 03:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5600		50.4		mg/Kg			02/03/25 15:36	5

Client Sample ID: CS-102 (4.5')

Lab Sample ID: 880-53825-102

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 13:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 13:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 13:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:18	01/31/25 13:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 13:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:18	01/31/25 13:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/30/25 13:18	01/31/25 13:47	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/30/25 13:18	01/31/25 13:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-102 (4.5')

Lab Sample ID: 880-53825-102

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 13:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/02/25 03:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 11:08	02/02/25 03:43	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 11:08	02/02/25 03:43	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 11:08	02/02/25 03:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				01/30/25 11:08	02/02/25 03:43	1
o-Terphenyl	92		70 - 130				01/30/25 11:08	02/02/25 03:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4740		50.4		mg/Kg			02/03/25 15:54	5

Client Sample ID: CS-103 (4.5')

Lab Sample ID: 880-53825-103

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 14:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:18	01/31/25 14:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:18	01/31/25 14:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/30/25 13:18	01/31/25 14:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:18	01/31/25 14:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/30/25 13:18	01/31/25 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130				01/30/25 13:18	01/31/25 14:07	1
1,4-Difluorobenzene (Surr)	111		70 - 130				01/30/25 13:18	01/31/25 14:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/31/25 14:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/25 17:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 11:11	02/03/25 17:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:11	02/03/25 17:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-103 (4.5')

Lab Sample ID: 880-53825-103

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 11:11	02/03/25 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				01/30/25 11:11	02/03/25 17:53	1
o-Terphenyl	72		70 - 130				01/30/25 11:11	02/03/25 17:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6310		100		mg/Kg			02/03/25 16:00	10

Client Sample ID: CS-104 (4.5')

Lab Sample ID: 880-53825-104

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 14:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:18	01/31/25 14:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:18	01/31/25 14:28	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/30/25 13:18	01/31/25 14:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:18	01/31/25 14:28	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/30/25 13:18	01/31/25 14:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				01/30/25 13:18	01/31/25 14:28	1
1,4-Difluorobenzene (Surr)	104		70 - 130				01/30/25 13:18	01/31/25 14:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/31/25 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 18:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 18:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 18:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 18:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				01/30/25 11:11	02/03/25 18:39	1
o-Terphenyl	75		70 - 130				01/30/25 11:11	02/03/25 18:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5590		101		mg/Kg			02/03/25 16:06	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-105 (4.5')

Lab Sample ID: 880-53825-105

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 14:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 14:48	1
Ethylbenzene	0.00498		0.00200		mg/Kg		01/30/25 13:18	01/31/25 14:48	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:18	01/31/25 14:48	1
o-Xylene	0.00208		0.00200		mg/Kg		01/30/25 13:18	01/31/25 14:48	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:18	01/31/25 14:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	211	S1+	70 - 130	01/30/25 13:18	01/31/25 14:48	1
1,4-Difluorobenzene (Surr)	74		70 - 130	01/30/25 13:18	01/31/25 14:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00706		0.00401		mg/Kg			01/31/25 14:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/03/25 18:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 11:11	02/03/25 18:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 11:11	02/03/25 18:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 11:11	02/03/25 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	01/30/25 11:11	02/03/25 18:53	1
o-Terphenyl	71		70 - 130	01/30/25 11:11	02/03/25 18:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5240		49.8		mg/Kg			02/03/25 16:11	5

Client Sample ID: CS-106 (4.5')

Lab Sample ID: 880-53825-106

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 15:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 15:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 15:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:18	01/31/25 15:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 15:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:18	01/31/25 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	01/30/25 13:18	01/31/25 15:09	1
1,4-Difluorobenzene (Surr)	106		70 - 130	01/30/25 13:18	01/31/25 15:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-106 (4.5')

Lab Sample ID: 880-53825-106

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 19:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 19:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 19:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 19:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				01/30/25 11:11	02/03/25 19:09	1
o-Terphenyl	71		70 - 130				01/30/25 11:11	02/03/25 19:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5360		99.2		mg/Kg			02/03/25 16:29	10

Client Sample ID: CS-107 (4.5')

Lab Sample ID: 880-53825-107

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 15:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 15:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 15:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:18	01/31/25 15:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 15:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:18	01/31/25 15:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				01/30/25 13:18	01/31/25 15:29	1
1,4-Difluorobenzene (Surr)	107		70 - 130				01/30/25 13:18	01/31/25 15:29	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			01/31/25 15:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 19:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 19:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 19:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-107 (4.5')

Lab Sample ID: 880-53825-107

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				01/30/25 11:11	02/03/25 19:23	1
o-Terphenyl	76		70 - 130				01/30/25 11:11	02/03/25 19:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.5		10.1		mg/Kg			02/03/25 16:35	1

Client Sample ID: SW-1 (4.5')

Lab Sample ID: 880-53825-108

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 15:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 15:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 15:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:18	01/31/25 15:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 15:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:18	01/31/25 15:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				01/30/25 13:18	01/31/25 15:49	1
1,4-Difluorobenzene (Surr)	104		70 - 130				01/30/25 13:18	01/31/25 15:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 15:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/25 19:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 11:11	02/03/25 19:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:11	02/03/25 19:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 11:11	02/03/25 19:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				01/30/25 11:11	02/03/25 19:39	1
o-Terphenyl	68	S1-	70 - 130				01/30/25 11:11	02/03/25 19:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.0		10.0		mg/Kg			02/03/25 16:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-2 (4.5')

Lab Sample ID: 880-53825-109

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 16:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 16:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 16:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:18	01/31/25 16:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 16:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:18	01/31/25 16:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	01/30/25 13:18	01/31/25 16:10	1
1,4-Difluorobenzene (Surr)	107		70 - 130	01/30/25 13:18	01/31/25 16:10	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			01/31/25 16:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/03/25 19:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 11:11	02/03/25 19:54	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 11:11	02/03/25 19:54	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 11:11	02/03/25 19:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	01/30/25 11:11	02/03/25 19:54	1
o-Terphenyl	79		70 - 130	01/30/25 11:11	02/03/25 19:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.2		9.94		mg/Kg			02/03/25 16:47	1

Client Sample ID: SW-3 (4.5')

Lab Sample ID: 880-53825-110

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 16:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 16:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 16:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:18	01/31/25 16:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 16:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:18	01/31/25 16:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	01/30/25 13:18	01/31/25 16:30	1
1,4-Difluorobenzene (Surr)	105		70 - 130	01/30/25 13:18	01/31/25 16:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-3 (4.5')

Lab Sample ID: 880-53825-110

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 16:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/03/25 20:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 11:11	02/03/25 20:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 11:11	02/03/25 20:08	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 11:11	02/03/25 20:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				01/30/25 11:11	02/03/25 20:08	1
o-Terphenyl	72		70 - 130				01/30/25 11:11	02/03/25 20:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.5		9.98		mg/Kg			02/03/25 16:53	1

Client Sample ID: SW-4 (4.5')

Lab Sample ID: 880-53825-111

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 18:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 18:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 18:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:18	01/31/25 18:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 18:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:18	01/31/25 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				01/30/25 13:18	01/31/25 18:20	1
1,4-Difluorobenzene (Surr)	102		70 - 130				01/30/25 13:18	01/31/25 18:20	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			01/31/25 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 20:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 20:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 20:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-4 (4.5')

Lab Sample ID: 880-53825-111

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 20:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	157	S1+	70 - 130				01/30/25 11:11	02/03/25 20:24	1
o-Terphenyl	138	S1+	70 - 130				01/30/25 11:11	02/03/25 20:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.7	F1	10.0		mg/Kg			02/03/25 16:59	1

Client Sample ID: SW-5 (4.5')

Lab Sample ID: 880-53825-112

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 18:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 18:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 18:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:18	01/31/25 18:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 18:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:18	01/31/25 18:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				01/30/25 13:18	01/31/25 18:41	1
1,4-Difluorobenzene (Surr)	102		70 - 130				01/30/25 13:18	01/31/25 18:41	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			01/31/25 18:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 20:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 20:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 20:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 20:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				01/30/25 11:11	02/03/25 20:38	1
o-Terphenyl	74		70 - 130				01/30/25 11:11	02/03/25 20:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.8		10.0		mg/Kg			02/03/25 17:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-6 (4.5')

Lab Sample ID: 880-53825-113

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 19:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 19:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 19:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:18	01/31/25 19:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 19:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:18	01/31/25 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	01/30/25 13:18	01/31/25 19:01	1
1,4-Difluorobenzene (Surr)	104		70 - 130	01/30/25 13:18	01/31/25 19:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/25 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 21:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 21:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 21:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 21:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	01/30/25 11:11	02/03/25 21:08	1
o-Terphenyl	77		70 - 130	01/30/25 11:11	02/03/25 21:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.8		9.94		mg/Kg			02/03/25 17:22	1

Client Sample ID: SW-7 (4.5')

Lab Sample ID: 880-53825-114

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 19:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 19:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 19:22	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:18	01/31/25 19:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 19:22	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:18	01/31/25 19:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	01/30/25 13:18	01/31/25 19:22	1
1,4-Difluorobenzene (Surr)	109		70 - 130	01/30/25 13:18	01/31/25 19:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-7 (4.5')

Lab Sample ID: 880-53825-114

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 19:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/03/25 21:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 11:11	02/03/25 21:23	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 11:11	02/03/25 21:23	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 11:11	02/03/25 21:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/30/25 11:11	02/03/25 21:23	1
o-Terphenyl	73		70 - 130				01/30/25 11:11	02/03/25 21:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.3		9.92		mg/Kg			02/03/25 17:40	1

Client Sample ID: SW-8 (4.5')

Lab Sample ID: 880-53825-115

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 19:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 19:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 19:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:18	01/31/25 19:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 19:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:18	01/31/25 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				01/30/25 13:18	01/31/25 19:42	1
1,4-Difluorobenzene (Surr)	113		70 - 130				01/30/25 13:18	01/31/25 19:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 19:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 21:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 21:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 21:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-8 (4.5')

Lab Sample ID: 880-53825-115

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 21:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				01/30/25 11:11	02/03/25 21:37	1
o-Terphenyl	62	S1-	70 - 130				01/30/25 11:11	02/03/25 21:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.3		10.0		mg/Kg			02/03/25 17:46	1

Client Sample ID: SW-9 (4.5')

Lab Sample ID: 880-53825-116

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 20:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 20:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 20:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:18	01/31/25 20:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 20:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:18	01/31/25 20:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				01/30/25 13:18	01/31/25 20:02	1
1,4-Difluorobenzene (Surr)	117		70 - 130				01/30/25 13:18	01/31/25 20:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 20:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 21:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 21:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 21:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				01/30/25 11:11	02/03/25 21:53	1
o-Terphenyl	78		70 - 130				01/30/25 11:11	02/03/25 21:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.8		9.94		mg/Kg			02/03/25 17:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-10 (4.5')

Lab Sample ID: 880-53825-117

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 20:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 20:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 20:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:18	01/31/25 20:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 20:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:18	01/31/25 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	01/30/25 13:18	01/31/25 20:23	1
1,4-Difluorobenzene (Surr)	106		70 - 130	01/30/25 13:18	01/31/25 20:23	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			01/31/25 20:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/25 22:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 11:11	02/03/25 22:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:11	02/03/25 22:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 11:11	02/03/25 22:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	01/30/25 11:11	02/03/25 22:07	1
o-Terphenyl	70		70 - 130	01/30/25 11:11	02/03/25 22:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.0		9.92		mg/Kg			02/03/25 17:57	1

Client Sample ID: SW-11 (4.5')

Lab Sample ID: 880-53825-118

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 20:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 20:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 20:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:18	01/31/25 20:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 20:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:18	01/31/25 20:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	01/30/25 13:18	01/31/25 20:43	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/30/25 13:18	01/31/25 20:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-11 (4.5')

Lab Sample ID: 880-53825-118

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 20:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 22:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 22:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 22:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				01/30/25 11:11	02/03/25 22:22	1
o-Terphenyl	71		70 - 130				01/30/25 11:11	02/03/25 22:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.0		9.90		mg/Kg			02/03/25 18:03	1

Client Sample ID: SW-12 (4.5')

Lab Sample ID: 880-53825-119

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 21:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 21:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 21:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:18	01/31/25 21:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:18	01/31/25 21:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:18	01/31/25 21:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130				01/30/25 13:18	01/31/25 21:04	1
1,4-Difluorobenzene (Surr)	115		70 - 130				01/30/25 13:18	01/31/25 21:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 21:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 22:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 22:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 22:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-12 (4.5')

Lab Sample ID: 880-53825-119

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/30/25 11:11	02/03/25 22:36	1
o-Terphenyl	74		70 - 130				01/30/25 11:11	02/03/25 22:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.8		9.92		mg/Kg			02/03/25 18:09	1

Client Sample ID: SW-13 (4.5')

Lab Sample ID: 880-53825-120

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:18	01/31/25 21:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 21:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 21:24	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:18	01/31/25 21:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 21:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:18	01/31/25 21:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				01/30/25 13:18	01/31/25 21:24	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/30/25 13:18	01/31/25 21:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/25 21:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/03/25 22:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 11:11	02/03/25 22:51	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 11:11	02/03/25 22:51	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 11:11	02/03/25 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				01/30/25 11:11	02/03/25 22:51	1
o-Terphenyl	62	S1-	70 - 130				01/30/25 11:11	02/03/25 22:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.1		10.0		mg/Kg			02/03/25 18:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-14 (4.5')

Lab Sample ID: 880-53825-121

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/30/25 18:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 18:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 18:19	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:21	01/30/25 18:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 18:19	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:21	01/30/25 18:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	01/30/25 13:21	01/30/25 18:19	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/30/25 13:21	01/30/25 18:19	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			01/30/25 18:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 23:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 23:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 23:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 23:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130	01/30/25 11:11	02/03/25 23:05	1
o-Terphenyl	59	S1-	70 - 130	01/30/25 11:11	02/03/25 23:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.5	F1	9.94		mg/Kg			02/02/25 01:36	1

Client Sample ID: SW-15 (4.5')

Lab Sample ID: 880-53825-122

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00249		0.00200		mg/Kg		01/30/25 13:21	01/30/25 18:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 18:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 18:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:21	01/30/25 18:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 18:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:21	01/30/25 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	01/30/25 13:21	01/30/25 18:39	1
1,4-Difluorobenzene (Surr)	83		70 - 130	01/30/25 13:21	01/30/25 18:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-15 (4.5')

Lab Sample ID: 880-53825-122

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/30/25 18:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 23:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 23:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 23:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:11	02/03/25 23:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				01/30/25 11:11	02/03/25 23:20	1
o-Terphenyl	69	S1-	70 - 130				01/30/25 11:11	02/03/25 23:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.0		9.92		mg/Kg			02/02/25 01:54	1

Client Sample ID: SW-16 (4.5')

Lab Sample ID: 880-53825-123

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/30/25 19:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:21	01/30/25 19:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:21	01/30/25 19:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/30/25 13:21	01/30/25 19:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/30/25 13:21	01/30/25 19:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/30/25 13:21	01/30/25 19:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/30/25 13:21	01/30/25 19:00	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/30/25 13:21	01/30/25 19:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/30/25 19:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/04/25 01:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 11:14	02/04/25 01:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:14	02/04/25 01:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-16 (4.5')

Lab Sample ID: 880-53825-123

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 11:14	02/04/25 01:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				01/30/25 11:14	02/04/25 01:17	1
o-Terphenyl	75		70 - 130				01/30/25 11:14	02/04/25 01:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.9		9.98		mg/Kg			02/02/25 02:00	1

Client Sample ID: SW-17 (4.5')

Lab Sample ID: 880-53825-124

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/30/25 19:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:21	01/30/25 19:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:21	01/30/25 19:21	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/30/25 13:21	01/30/25 19:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/30/25 13:21	01/30/25 19:21	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/30/25 13:21	01/30/25 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				01/30/25 13:21	01/30/25 19:21	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/30/25 13:21	01/30/25 19:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/30/25 19:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/04/25 02:01	1

Method: SW846 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		01/30/25 11:14	02/04/25 02:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:14	02/04/25 02:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 11:14	02/04/25 02:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/30/25 11:14	02/04/25 02:01	1
o-Terphenyl	79		70 - 130				01/30/25 11:14	02/04/25 02:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.0		9.96		mg/Kg			02/02/25 02:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-18 (4.5')

Lab Sample ID: 880-53825-125

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/30/25 19:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 19:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 19:41	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:21	01/30/25 19:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 19:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:21	01/30/25 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	01/30/25 13:21	01/30/25 19:41	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/30/25 13:21	01/30/25 19:41	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			01/30/25 19:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/04/25 02:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 11:14	02/04/25 02:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 11:14	02/04/25 02:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 11:14	02/04/25 02:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	01/30/25 11:14	02/04/25 02:17	1
o-Terphenyl	74		70 - 130	01/30/25 11:14	02/04/25 02:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.8		10.0		mg/Kg			02/02/25 02:11	1

Client Sample ID: SW-19 (4.5')

Lab Sample ID: 880-53825-126

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/30/25 20:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 20:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 20:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:21	01/30/25 20:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 20:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:21	01/30/25 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	01/30/25 13:21	01/30/25 20:02	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/30/25 13:21	01/30/25 20:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-19 (4.5')

Lab Sample ID: 880-53825-126

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/30/25 20:02	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			02/04/25 02:30	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		01/30/25 11:14	02/04/25 02:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:14	02/04/25 02:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 11:14	02/04/25 02:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				01/30/25 11:14	02/04/25 02:30	1
o-Terphenyl	62	S1-	70 - 130				01/30/25 11:14	02/04/25 02:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		10.1		mg/Kg			02/02/25 02:29	1

Client Sample ID: SW-20 (4.5')

Lab Sample ID: 880-53825-127

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/30/25 20:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/30/25 20:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/30/25 20:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:21	01/30/25 20:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/30/25 20:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:21	01/30/25 20:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				01/30/25 13:21	01/30/25 20:22	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/30/25 13:21	01/30/25 20:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/30/25 20:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/04/25 02:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 02:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 02:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-20 (4.5')

Lab Sample ID: 880-53825-127

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				01/30/25 11:14	02/04/25 02:46	1
o-Terphenyl	64	S1-	70 - 130				01/30/25 11:14	02/04/25 02:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		9.94		mg/Kg			02/02/25 02:35	1

Client Sample ID: SW-21 (4.5')

Lab Sample ID: 880-53825-128

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/30/25 20:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/30/25 20:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/30/25 20:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:21	01/30/25 20:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/30/25 20:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:21	01/30/25 20:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/30/25 13:21	01/30/25 20:43	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/30/25 13:21	01/30/25 20:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/30/25 20:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<47.2	U	47.2		mg/Kg			02/04/25 03:00	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	<47.2	U	47.2		mg/Kg		01/30/25 11:14	02/04/25 03:00	1
Diesel Range Organics (Over C10-C28)	<47.2	U	47.2		mg/Kg		01/30/25 11:14	02/04/25 03:00	1
Oil Range Organics (Over C28-C36)	<47.2	U	47.2		mg/Kg		01/30/25 11:14	02/04/25 03:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				01/30/25 11:14	02/04/25 03:00	1
o-Terphenyl	75		70 - 130				01/30/25 11:14	02/04/25 03:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		9.92		mg/Kg			02/02/25 02:41	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-22 (4.5')

Lab Sample ID: 880-53825-129

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/30/25 21:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 21:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 21:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:21	01/30/25 21:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 21:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:21	01/30/25 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/30/25 13:21	01/30/25 21:03	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/30/25 13:21	01/30/25 21:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/30/25 21:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/04/25 03:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 03:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 03:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 03:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	01/30/25 11:14	02/04/25 03:16	1
o-Terphenyl	71		70 - 130	01/30/25 11:14	02/04/25 03:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.8		10.1		mg/Kg			02/02/25 02:47	1

Client Sample ID: SW-23 (4.5')

Lab Sample ID: 880-53825-130

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/30/25 21:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 21:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 21:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:21	01/30/25 21:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 21:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:21	01/30/25 21:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	01/30/25 13:21	01/30/25 21:24	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/30/25 13:21	01/30/25 21:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-23 (4.5')

Lab Sample ID: 880-53825-130

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/30/25 21:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/04/25 03:30	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		01/30/25 11:14	02/04/25 03:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:14	02/04/25 03:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 11:14	02/04/25 03:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				01/30/25 11:14	02/04/25 03:30	1
o-Terphenyl	67	S1-	70 - 130				01/30/25 11:14	02/04/25 03:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		10.1		mg/Kg			02/02/25 02:53	1

Client Sample ID: SW-24 (4.5')

Lab Sample ID: 880-53825-131

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/30/25 22:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/30/25 22:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/30/25 22:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:21	01/30/25 22:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/30/25 22:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:21	01/30/25 22:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				01/30/25 13:21	01/30/25 22:58	1
1,4-Difluorobenzene (Surr)	97		70 - 130				01/30/25 13:21	01/30/25 22:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/30/25 22:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/04/25 03:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 11:14	02/04/25 03:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:14	02/04/25 03:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-24 (4.5')

Lab Sample ID: 880-53825-131

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 11:14	02/04/25 03:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				01/30/25 11:14	02/04/25 03:45	1
o-Terphenyl	71		70 - 130				01/30/25 11:14	02/04/25 03:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127	F1	10.1		mg/Kg			02/02/25 02:59	1

Client Sample ID: SW-25 (4.5')

Lab Sample ID: 880-53825-132

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/30/25 23:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/30/25 23:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/30/25 23:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:21	01/30/25 23:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/30/25 23:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:21	01/30/25 23:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				01/30/25 13:21	01/30/25 23:18	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/30/25 13:21	01/30/25 23:18	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			01/30/25 23:18	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			02/04/25 04:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 04:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 04:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 04:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				01/30/25 11:14	02/04/25 04:00	1
o-Terphenyl	66	S1-	70 - 130				01/30/25 11:14	02/04/25 04:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.5		10.1		mg/Kg			02/02/25 03:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-26 (4.5')

Lab Sample ID: 880-53825-133

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/30/25 23:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 23:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 23:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:21	01/30/25 23:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 23:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:21	01/30/25 23:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	01/30/25 13:21	01/30/25 23:39	1
1,4-Difluorobenzene (Surr)	101		70 - 130	01/30/25 13:21	01/30/25 23:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/30/25 23:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/04/25 04:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 04:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 04:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 04:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	01/30/25 11:14	02/04/25 04:29	1
o-Terphenyl	72		70 - 130	01/30/25 11:14	02/04/25 04:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136		9.94		mg/Kg			02/02/25 03:22	1

Client Sample ID: SW-27 (4.5')

Lab Sample ID: 880-53825-134

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/30/25 23:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 23:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 23:59	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:21	01/30/25 23:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 23:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:21	01/30/25 23:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	01/30/25 13:21	01/30/25 23:59	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/30/25 13:21	01/30/25 23:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-27 (4.5')

Lab Sample ID: 880-53825-134

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/30/25 23:59	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			02/04/25 04:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 11:14	02/04/25 04:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:14	02/04/25 04:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 11:14	02/04/25 04:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				01/30/25 11:14	02/04/25 04:43	1
o-Terphenyl	76		70 - 130				01/30/25 11:14	02/04/25 04:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	188		9.92		mg/Kg			02/02/25 03:40	1

Client Sample ID: SW-28 (4.5')

Lab Sample ID: 880-53825-135

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/31/25 00:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/31/25 00:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/31/25 00:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:21	01/31/25 00:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/31/25 00:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:21	01/31/25 00:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				01/30/25 13:21	01/31/25 00:20	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/30/25 13:21	01/31/25 00:20	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			01/31/25 00:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/04/25 04:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 11:14	02/04/25 04:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 11:14	02/04/25 04:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-28 (4.5')

Lab Sample ID: 880-53825-135

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 11:14	02/04/25 04:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/30/25 11:14	02/04/25 04:59	1
o-Terphenyl	78		70 - 130				01/30/25 11:14	02/04/25 04:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		10.1		mg/Kg			02/02/25 03:46	1

Client Sample ID: SW-29 (4.5')

Lab Sample ID: 880-53825-136

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/31/25 00:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/31/25 00:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/31/25 00:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:21	01/31/25 00:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/31/25 00:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:21	01/31/25 00:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				01/30/25 13:21	01/31/25 00:40	1
1,4-Difluorobenzene (Surr)	103		70 - 130				01/30/25 13:21	01/31/25 00:40	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			01/31/25 00:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/04/25 05:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 05:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 05:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 05:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				01/30/25 11:14	02/04/25 05:13	1
o-Terphenyl	72		70 - 130				01/30/25 11:14	02/04/25 05:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	154		9.98		mg/Kg			02/02/25 03:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-30 (4.5')

Lab Sample ID: 880-53825-137

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/31/25 01:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/31/25 01:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/31/25 01:01	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 13:21	01/31/25 01:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/31/25 01:01	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 13:21	01/31/25 01:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/30/25 13:21	01/31/25 01:01	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/30/25 13:21	01/31/25 01:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/31/25 01:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/04/25 05:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 05:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 05:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 05:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130	01/30/25 11:14	02/04/25 05:27	1
o-Terphenyl	65	S1-	70 - 130	01/30/25 11:14	02/04/25 05:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		10.0		mg/Kg			02/02/25 03:58	1

Client Sample ID: SW-31 (4.5')

Lab Sample ID: 880-53825-138

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/31/25 01:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/31/25 01:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/31/25 01:21	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:21	01/31/25 01:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/31/25 01:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:21	01/31/25 01:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	01/30/25 13:21	01/31/25 01:21	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/30/25 13:21	01/31/25 01:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-31 (4.5')

Lab Sample ID: 880-53825-138

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 01:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/04/25 05:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 11:14	02/04/25 05:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 11:14	02/04/25 05:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 11:14	02/04/25 05:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				01/30/25 11:14	02/04/25 05:42	1
o-Terphenyl	70		70 - 130				01/30/25 11:14	02/04/25 05:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		9.92		mg/Kg			02/02/25 04:04	1

Client Sample ID: SW-32 (4.5')

Lab Sample ID: 880-53825-139

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/31/25 01:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/31/25 01:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/31/25 01:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/30/25 13:21	01/31/25 01:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/30/25 13:21	01/31/25 01:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/30/25 13:21	01/31/25 01:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				01/30/25 13:21	01/31/25 01:42	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/30/25 13:21	01/31/25 01:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/25 01:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/04/25 05:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 11:14	02/04/25 05:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 11:14	02/04/25 05:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-32 (4.5')

Lab Sample ID: 880-53825-139

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 11:14	02/04/25 05:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				01/30/25 11:14	02/04/25 05:57	1
o-Terphenyl	71		70 - 130				01/30/25 11:14	02/04/25 05:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.0		10.0		mg/Kg			02/02/25 04:09	1

Client Sample ID: SW-33 (4.5')

Lab Sample ID: 880-53825-140

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 13:21	01/31/25 02:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/31/25 02:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/31/25 02:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 13:21	01/31/25 02:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/31/25 02:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 13:21	01/31/25 02:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				01/30/25 13:21	01/31/25 02:02	1
1,4-Difluorobenzene (Surr)	102		70 - 130				01/30/25 13:21	01/31/25 02:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/25 02:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/04/25 06:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 06:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 06:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 06:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				01/30/25 11:14	02/04/25 06:11	1
o-Terphenyl	68	S1-	70 - 130				01/30/25 11:14	02/04/25 06:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		9.94		mg/Kg			02/02/25 04:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-34 (4.5')

Lab Sample ID: 880-53825-141

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 14:39	01/31/25 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 14:39	01/31/25 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 14:39	01/31/25 11:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 14:39	01/31/25 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 14:39	01/31/25 11:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 14:39	01/31/25 11:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	01/30/25 14:39	01/31/25 11:25	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/30/25 14:39	01/31/25 11:25	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			01/31/25 11:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/04/25 06:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 06:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 06:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 11:14	02/04/25 06:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	01/30/25 11:14	02/04/25 06:25	1
o-Terphenyl	75		70 - 130	01/30/25 11:14	02/04/25 06:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.3	F1	9.98		mg/Kg			02/02/25 02:48	1

Client Sample ID: SW-35 (4.5')

Lab Sample ID: 880-53825-142

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 14:39	01/31/25 12:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 14:39	01/31/25 12:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 14:39	01/31/25 12:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/30/25 14:39	01/31/25 12:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 14:39	01/31/25 12:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/30/25 14:39	01/31/25 12:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	01/30/25 14:39	01/31/25 12:28	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/30/25 14:39	01/31/25 12:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-35 (4.5')

Lab Sample ID: 880-53825-142

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			01/31/25 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/04/25 06:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 11:14	02/04/25 06:40	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 11:14	02/04/25 06:40	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 11:14	02/04/25 06:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				01/30/25 11:14	02/04/25 06:40	1
o-Terphenyl	69	S1-	70 - 130				01/30/25 11:14	02/04/25 06:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.1		9.92		mg/Kg			02/02/25 03:10	1

Client Sample ID: SW-36 (4.5')

Lab Sample ID: 880-53825-143

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 14:39	01/31/25 12:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/30/25 14:39	01/31/25 12:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/30/25 14:39	01/31/25 12:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/30/25 14:39	01/31/25 12:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/30/25 14:39	01/31/25 12:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/30/25 14:39	01/31/25 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				01/30/25 14:39	01/31/25 12:48	1
1,4-Difluorobenzene (Surr)	84		70 - 130				01/30/25 14:39	01/31/25 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/31/25 12:48	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			01/31/25 15:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 19:54	01/31/25 15:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 19:54	01/31/25 15:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-36 (4.5')

Lab Sample ID: 880-53825-143

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 19:54	01/31/25 15:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				01/30/25 19:54	01/31/25 15:14	1
o-Terphenyl	62	S1-	70 - 130				01/30/25 19:54	01/31/25 15:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2080		50.3		mg/Kg			02/01/25 23:08	5

Client Sample ID: SW-37 (4.5')

Lab Sample ID: 880-53825-144

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 14:39	01/31/25 13:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/30/25 14:39	01/31/25 13:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/30/25 14:39	01/31/25 13:09	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/30/25 14:39	01/31/25 13:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/30/25 14:39	01/31/25 13:09	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/30/25 14:39	01/31/25 13:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				01/30/25 14:39	01/31/25 13:09	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/30/25 14:39	01/31/25 13:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/31/25 13:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/31/25 15:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 19:54	01/31/25 15:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 19:54	01/31/25 15:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 19:54	01/31/25 15:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				01/30/25 19:54	01/31/25 15:29	1
o-Terphenyl	65	S1-	70 - 130				01/30/25 19:54	01/31/25 15:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2120		50.4		mg/Kg			02/01/25 23:26	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-38 (4.5')

Lab Sample ID: 880-53825-145

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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		01/30/25 14:39	01/31/25 13:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 14:39	01/31/25 13:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 14:39	01/31/25 13:29	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/30/25 14:39	01/31/25 13:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 14:39	01/31/25 13:29	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/30/25 14:39	01/31/25 13:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/30/25 14:39	01/31/25 13:29	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/30/25 14:39	01/31/25 13:29	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			01/31/25 13:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/31/25 15:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/31/25 08:59	01/31/25 15:29	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/31/25 08:59	01/31/25 15:29	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/31/25 08:59	01/31/25 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	01/31/25 08:59	01/31/25 15:29	1
o-Terphenyl	101		70 - 130	01/31/25 08:59	01/31/25 15:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2140		50.5		mg/Kg			02/01/25 23:32	5

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
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)
880-53825-1	CS-1 (4.5')	164 S1+	78
880-53825-1 MS	CS-1 (4.5')	164 S1+	80
880-53825-1 MSD	CS-1 (4.5')	163 S1+	78
880-53825-2	CS-2 (4.5')	160 S1+	77
880-53825-3	CS-3 (4.5')	164 S1+	79
880-53825-4	CS-4 (4.5')	170 S1+	80
880-53825-5	CS-5 (4.5')	171 S1+	80
880-53825-6	CS-6 (4.5')	175 S1+	78
880-53825-7	CS-7 (4.5')	166 S1+	78
880-53825-8	CS-8 (4.5')	172 S1+	80
880-53825-9	CS-9 (4.5')	168 S1+	75
880-53825-10	CS-10 (4.5')	169 S1+	78
880-53825-11	CS-11 (4.5')	182 S1+	77
880-53825-12	CS-12 (4.5')	170 S1+	78
880-53825-13	CS-13 (4.5')	179 S1+	76
880-53825-14	CS-14 (4.5')	168 S1+	78
880-53825-15	CS-15 (4.5')	176 S1+	74
880-53825-16	CS-16 (4.5')	172 S1+	77
880-53825-17	CS-17 (4.5')	169 S1+	76
880-53825-18	CS-18 (4.5')	182 S1+	76
880-53825-19	CS-19 (4.5')	179 S1+	80
880-53825-20	CS-20 (4.5')	166 S1+	76
880-53825-21	CS-21 (4.5')	99	114
880-53825-21 MS	CS-21 (4.5')	94	128
880-53825-21 MSD	CS-21 (4.5')	99	126
880-53825-22	CS-22 (4.5')	94	111
880-53825-23	CS-23 (4.5')	97	108
880-53825-24	CS-24 (4.5')	93	109
880-53825-25	CS-25 (4.5')	103	103
880-53825-26	CS-26 (4.5')	92	111
880-53825-27	CS-27 (4.5')	96	113
880-53825-28	CS-28 (4.5')	94	110
880-53825-29	CS-29 (4.5')	92	107
880-53825-30	CS-30 (4.5')	94	111
880-53825-31	CS-31 (4.5')	94	109
880-53825-32	CS-32 (4.5')	96	112
880-53825-33	CS-33 (4.5')	98	110
880-53825-34	CS-34 (4.5')	92	108
880-53825-35	CS-35 (4.5')	94	108
880-53825-36	CS-36 (4.5')	96	111
880-53825-37	CS-37 (4.5')	95	108
880-53825-38	CS-38 (4.5')	95	112
880-53825-39	CS-39 (4.5')	95	109
880-53825-40	CS-40 (4.5')	94	110
880-53825-41	CS-41 (4.5')	109	111
880-53825-41 MS	CS-41 (4.5')	96	103
880-53825-41 MSD	CS-41 (4.5')	103	105
880-53825-42	CS-42 (4.5')	115	116
880-53825-43	CS-43 (4.5')	107	111

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-53825-1

Project/Site: FC 813H

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)
880-53825-44	CS-44 (4.5')	119	116
880-53825-45	CS-45 (4.5')	111	106
880-53825-46	CS-46 (4.5')	108	111
880-53825-47	CS-47 (4.5')	109	105
880-53825-48	CS-48 (4.5')	110	110
880-53825-49	CS-49 (4.5')	110	103
880-53825-50	CS-50 (4.5')	113	110
880-53825-51	CS-51 (4.5')	111	101
880-53825-52	CS-52 (4.5')	108	114
880-53825-53	CS-53 (4.5')	108	106
880-53825-54	CS-54 (4.5')	113	109
880-53825-55	CS-55 (4.5')	116	104
880-53825-56	CS-56 (4.5')	123	113
880-53825-57	CS-57 (4.5')	119	111
880-53825-58	CS-58 (4.5')	114	102
880-53825-59	CS-59 (4.5')	116	100
880-53825-60	CS-60 (4.5')	120	110
880-53825-61	CS-61 (4.5')	93	97
880-53825-61 MS	CS-61 (4.5')	151 S1+	114
880-53825-61 MSD	CS-61 (4.5')	97	102
880-53825-62	CS-62 (4.5')	99	102
880-53825-63	CS-63 (4.5')	97	98
880-53825-64	CS-64 (4.5')	102	100
880-53825-65	CS-65 (4.5')	97	96
880-53825-66	CS-66 (4.5')	99	94
880-53825-67	CS-67 (4.5')	107	97
880-53825-68	CS-68 (4.5')	104	98
880-53825-69	CS-69 (4.5')	101	95
880-53825-70	CS-70 (4.5')	92	98
880-53825-71	CS-71 (4.5')	91	102
880-53825-72	CS-72 (4.5')	99	101
880-53825-73	CS-73 (4.5')	101	100
880-53825-74	CS-74 (4.5')	100	99
880-53825-75	CS-75 (4.5')	95	99
880-53825-76	CS-76 (4.5')	93	99
880-53825-77	CS-77 (4.5')	106	96
880-53825-78	CS-78 (4.5')	101	98
880-53825-79	CS-79 (4.5')	100	98
880-53825-80	CS-80 (4.5')	94	95
880-53825-81	CS-81 (4.5')	95	92
880-53825-81 MS	CS-81 (4.5')	110	101
880-53825-81 MSD	CS-81 (4.5')	116	102
880-53825-82	CS-82 (4.5')	97	92
880-53825-83	CS-83 (4.5')	93	90
880-53825-84	CS-84 (4.5')	79	102
880-53825-85	CS-85 (4.5')	72	76
880-53825-86	CS-86 (4.5')	97	90
880-53825-87	CS-87 (4.5')	95	86
880-53825-88	CS-88 (4.5')	93	90
880-53825-89	CS-89 (4.5')	97	91

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-53825-1

Project/Site: FC 813H

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	DFBZ1
		(70-130)	(70-130)
880-53825-90	CS-90 (4.5')	92	90
880-53825-91	CS-91 (4.5')	94	92
880-53825-92	CS-92 (4.5')	93	94
880-53825-93	CS-93 (4.5')	111	86
880-53825-94	CS-94 (4.5')	94	93
880-53825-95	CS-95 (4.5')	91	94
880-53825-96	CS-96 (4.5')	107	83
880-53825-97	CS-97 (4.5')	71	87
880-53825-98	CS-98 (4.5')	71	86
880-53825-99	CS-99 (4.5')	82	94
880-53825-100	CS-100 (4.5')	96	90
880-53825-101	CS-101 (4.5')	102	99
880-53825-101 MS	CS-101 (4.5')	121	103
880-53825-101 MSD	CS-101 (4.5')	113	98
880-53825-102	CS-102 (4.5')	114	103
880-53825-103	CS-103 (4.5')	145 S1+	111
880-53825-104	CS-104 (4.5')	120	104
880-53825-105	CS-105 (4.5')	211 S1+	74
880-53825-106	CS-106 (4.5')	113	106
880-53825-107	CS-107 (4.5')	120	107
880-53825-108	SW-1 (4.5')	123	104
880-53825-109	SW-2 (4.5')	121	107
880-53825-110	SW-3 (4.5')	117	105
880-53825-111	SW-4 (4.5')	95	102
880-53825-112	SW-5 (4.5')	109	102
880-53825-113	SW-6 (4.5')	122	104
880-53825-114	SW-7 (4.5')	126	109
880-53825-115	SW-8 (4.5')	116	113
880-53825-116	SW-9 (4.5')	129	117
880-53825-117	SW-10 (4.5')	126	106
880-53825-118	SW-11 (4.5')	115	100
880-53825-119	SW-12 (4.5')	145 S1+	115
880-53825-120	SW-13 (4.5')	129	105
880-53825-121	SW-14 (4.5')	88	99
880-53825-121 MS	SW-14 (4.5')	106	100
880-53825-121 MSD	SW-14 (4.5')	94	98
880-53825-122	SW-15 (4.5')	138 S1+	83
880-53825-123	SW-16 (4.5')	97	99
880-53825-124	SW-17 (4.5')	85	101
880-53825-125	SW-18 (4.5')	89	100
880-53825-126	SW-19 (4.5')	96	99
880-53825-127	SW-20 (4.5')	98	101
880-53825-128	SW-21 (4.5')	97	100
880-53825-129	SW-22 (4.5')	99	98
880-53825-130	SW-23 (4.5')	90	97
880-53825-131	SW-24 (4.5')	102	97
880-53825-132	SW-25 (4.5')	92	101
880-53825-133	SW-26 (4.5')	92	101
880-53825-134	SW-27 (4.5')	98	100
880-53825-135	SW-28 (4.5')	102	105

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-53825-1

Project/Site: FC 813H

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)
880-53825-136	SW-29 (4.5')	88	103
880-53825-137	SW-30 (4.5')	99	98
880-53825-138	SW-31 (4.5')	101	99
880-53825-139	SW-32 (4.5')	93	100
880-53825-140	SW-33 (4.5')	90	102
880-53825-141	SW-34 (4.5')	106	99
880-53825-141 MS	SW-34 (4.5')	103	100
880-53825-141 MSD	SW-34 (4.5')	100	100
880-53825-142	SW-35 (4.5')	110	97
880-53825-143	SW-36 (4.5')	92	84
880-53825-144	SW-37 (4.5')	108	98
880-53825-145	SW-38 (4.5')	111	98
LCS 880-101640/1-A	Lab Control Sample	155 S1+	81
LCS 880-101642/1-A	Lab Control Sample	100	119
LCS 880-101643/1-A	Lab Control Sample	94	102
LCS 880-101644/1-A	Lab Control Sample	92	99
LCS 880-101645/1-A	Lab Control Sample	100	104
LCS 880-101646/1-A	Lab Control Sample	107	96
LCS 880-101647/1-A	Lab Control Sample	103	97
LCS 880-101653/1-A	Lab Control Sample	97	99
LCSD 880-101640/2-A	Lab Control Sample Dup	161 S1+	79
LCSD 880-101642/2-A	Lab Control Sample Dup	92	123
LCSD 880-101643/2-A	Lab Control Sample Dup	107	109
LCSD 880-101644/2-A	Lab Control Sample Dup	96	100
LCSD 880-101645/2-A	Lab Control Sample Dup	113	84
LCSD 880-101646/2-A	Lab Control Sample Dup	107	101
LCSD 880-101647/2-A	Lab Control Sample Dup	92	100
LCSD 880-101653/2-A	Lab Control Sample Dup	95	98
MB 880-101640/5-A	Method Blank	156 S1+	77
MB 880-101642/5-A	Method Blank	92	101
MB 880-101643/5-A	Method Blank	102	97
MB 880-101644/5-A	Method Blank	87	93
MB 880-101645/5-A	Method Blank	90	87
MB 880-101646/5-A	Method Blank	225 S1+	132 S1+
MB 880-101647/5-A	Method Blank	88	93
MB 880-101653/5-A	Method Blank	103	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)
880-53820-A-4-B MS	Matrix Spike	138 S1+	127
880-53820-A-4-C MSD	Matrix Spike Duplicate	136 S1+	123
880-53825-1	CS-1 (4.5')	136 S1+	115
880-53825-2	CS-2 (4.5')	153 S1+	126

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-53825-1

Project/Site: FC 813H

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)
880-53825-3	CS-3 (4.5')	129	112
880-53825-4	CS-4 (4.5')	139 S1+	121
880-53825-5	CS-5 (4.5')	117	102
880-53825-6	CS-6 (4.5')	159 S1+	133 S1+
880-53825-7	CS-7 (4.5')	167 S1+	144 S1+
880-53825-8	CS-8 (4.5')	167 S1+	136 S1+
880-53825-9	CS-9 (4.5')	90	80
880-53825-10	CS-10 (4.5')	94	85
880-53825-11	CS-11 (4.5')	127	116
880-53825-12	CS-12 (4.5')	76	69 S1-
880-53825-13	CS-13 (4.5')	84	76
880-53825-14	CS-14 (4.5')	87	76
880-53825-15	CS-15 (4.5')	72	64 S1-
880-53825-16	CS-16 (4.5')	84	74
880-53825-17	CS-17 (4.5')	74	66 S1-
880-53825-18	CS-18 (4.5')	73	66 S1-
880-53825-19	CS-19 (4.5')	88	80
880-53825-20	CS-20 (4.5')	125	104
880-53825-21	CS-21 (4.5')	124	101
880-53825-22	CS-22 (4.5')	130	105
880-53825-23	CS-23 (4.5')	92	97
880-53825-23 MS	CS-23 (4.5')	103	98
880-53825-23 MSD	CS-23 (4.5')	107	102
880-53825-24	CS-24 (4.5')	104	110
880-53825-25	CS-25 (4.5')	95	103
880-53825-26	CS-26 (4.5')	88	95
880-53825-27	CS-27 (4.5')	90	97
880-53825-28	CS-28 (4.5')	90	97
880-53825-29	CS-29 (4.5')	92	98
880-53825-30	CS-30 (4.5')	86	92
880-53825-31	CS-31 (4.5')	91	98
880-53825-32	CS-32 (4.5')	94	100
880-53825-33	CS-33 (4.5')	108	112
880-53825-34	CS-34 (4.5')	86	92
880-53825-35	CS-35 (4.5')	101	108
880-53825-36	CS-36 (4.5')	81	86
880-53825-37	CS-37 (4.5')	87	93
880-53825-38	CS-38 (4.5')	83	89
880-53825-39	CS-39 (4.5')	88	93
880-53825-40	CS-40 (4.5')	100	107
880-53825-41	CS-41 (4.5')	89	96
880-53825-42	CS-42 (4.5')	90	99
880-53825-43	CS-43 (4.5')	86	92
880-53825-43 MS	CS-43 (4.5')	81	79
880-53825-43 MSD	CS-43 (4.5')	80	78
880-53825-44	CS-44 (4.5')	111	116
880-53825-45	CS-45 (4.5')	93	100
880-53825-46	CS-46 (4.5')	115	121
880-53825-47	CS-47 (4.5')	84	90
880-53825-48	CS-48 (4.5')	83	88

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-53825-1

Project/Site: FC 813H

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)				
880-53825-49	CS-49 (4.5')	83	88				
880-53825-50	CS-50 (4.5')	89	96				
880-53825-51	CS-51 (4.5')	90	94				
880-53825-52	CS-52 (4.5')	88	93				
880-53825-53	CS-53 (4.5')	90	96				
880-53825-54	CS-54 (4.5')	91	97				
880-53825-55	CS-55 (4.5')	92	98				
880-53825-56	CS-56 (4.5')	107	113				
880-53825-57	CS-57 (4.5')	104	107				
880-53825-58	CS-58 (4.5')	87	94				
880-53825-59	CS-59 (4.5')	101	106				
880-53825-60	CS-60 (4.5')	87	93				
880-53825-61	CS-61 (4.5')	104	110				
880-53825-62	CS-62 (4.5')	89	94				
880-53825-63	CS-63 (4.5')	78	85				
880-53825-63 MS	CS-63 (4.5')	81	75				
880-53825-63 MSD	CS-63 (4.5')	82	76				
880-53825-64	CS-64 (4.5')	78	84				
880-53825-65	CS-65 (4.5')	83	92				
880-53825-66	CS-66 (4.5')	79	83				
880-53825-67	CS-67 (4.5')	83	87				
880-53825-68	CS-68 (4.5')	77	82				
880-53825-69	CS-69 (4.5')	87	96				
880-53825-70	CS-70 (4.5')	83	87				
880-53825-71	CS-71 (4.5')	171 S1+	180 S1+				
880-53825-72	CS-72 (4.5')	120	130				
880-53825-73	CS-73 (4.5')	68 S1-	75				
880-53825-74	CS-74 (4.5')	80	87				
880-53825-75	CS-75 (4.5')	79	87				
880-53825-76	CS-76 (4.5')	65 S1-	72				
880-53825-77	CS-77 (4.5')	83	89				
880-53825-78	CS-78 (4.5')	84	92				
880-53825-79	CS-79 (4.5')	74	81				
880-53825-80	CS-80 (4.5')	77	85				
880-53825-81	CS-81 (4.5')	78	86				
880-53825-82	CS-82 (4.5')	86	92				
880-53825-83	CS-83 (4.5')	80	90				
880-53825-83 MS	CS-83 (4.5')	69 S1-	68 S1-				
880-53825-83 MSD	CS-83 (4.5')	68 S1-	67 S1-				
880-53825-84	CS-84 (4.5')	68 S1-	77				
880-53825-85	CS-85 (4.5')	76	83				
880-53825-86	CS-86 (4.5')	78	86				
880-53825-87	CS-87 (4.5')	74	80				
880-53825-88	CS-88 (4.5')	68 S1-	76				
880-53825-89	CS-89 (4.5')	72	78				
880-53825-90	CS-90 (4.5')	78	86				
880-53825-91	CS-91 (4.5')	78	87				
880-53825-92	CS-92 (4.5')	74	84				
880-53825-93	CS-93 (4.5')	79	85				
880-53825-94	CS-94 (4.5')	72	75				

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-53825-1

Project/Site: FC 813H

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)
880-53825-95	CS-95 (4.5')	73	79
880-53825-96	CS-96 (4.5')	74	79
880-53825-97	CS-97 (4.5')	68 S1-	74
880-53825-98	CS-98 (4.5')	83	92
880-53825-99	CS-99 (4.5')	68 S1-	78
880-53825-100	CS-100 (4.5')	84	95
880-53825-101	CS-101 (4.5')	70	79
880-53825-102	CS-102 (4.5')	82	92
880-53825-103	CS-103 (4.5')	80	72
880-53825-103 MS	CS-103 (4.5')	86	76
880-53825-103 MSD	CS-103 (4.5')	86	76
880-53825-104	CS-104 (4.5')	85	75
880-53825-105	CS-105 (4.5')	80	71
880-53825-106	CS-106 (4.5')	80	71
880-53825-107	CS-107 (4.5')	86	76
880-53825-108	SW-1 (4.5')	80	68 S1-
880-53825-109	SW-2 (4.5')	90	79
880-53825-110	SW-3 (4.5')	81	72
880-53825-111	SW-4 (4.5')	157 S1+	138 S1+
880-53825-112	SW-5 (4.5')	85	74
880-53825-113	SW-6 (4.5')	87	77
880-53825-114	SW-7 (4.5')	83	73
880-53825-115	SW-8 (4.5')	68 S1-	62 S1-
880-53825-116	SW-9 (4.5')	90	78
880-53825-117	SW-10 (4.5')	79	70
880-53825-118	SW-11 (4.5')	82	71
880-53825-119	SW-12 (4.5')	83	74
880-53825-120	SW-13 (4.5')	70	62 S1-
880-53825-121	SW-14 (4.5')	67 S1-	59 S1-
880-53825-122	SW-15 (4.5')	79	69 S1-
880-53825-123	SW-16 (4.5')	87	75
880-53825-123 MS	SW-16 (4.5')	80	68 S1-
880-53825-123 MSD	SW-16 (4.5')	83	72
880-53825-124	SW-17 (4.5')	91	79
880-53825-125	SW-18 (4.5')	84	74
880-53825-126	SW-19 (4.5')	67 S1-	62 S1-
880-53825-127	SW-20 (4.5')	73	64 S1-
880-53825-128	SW-21 (4.5')	85	75
880-53825-129	SW-22 (4.5')	81	71
880-53825-130	SW-23 (4.5')	74	67 S1-
880-53825-131	SW-24 (4.5')	80	71
880-53825-132	SW-25 (4.5')	75	66 S1-
880-53825-133	SW-26 (4.5')	83	72
880-53825-134	SW-27 (4.5')	87	76
880-53825-135	SW-28 (4.5')	88	78
880-53825-136	SW-29 (4.5')	81	72
880-53825-137	SW-30 (4.5')	73	65 S1-
880-53825-138	SW-31 (4.5')	79	70
880-53825-139	SW-32 (4.5')	81	71
880-53825-140	SW-33 (4.5')	76	68 S1-

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-53825-1

Project/Site: FC 813H

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)
880-53825-141	SW-34 (4.5')	85	75
880-53825-142	SW-35 (4.5')	78	69 S1-
880-53825-143	SW-36 (4.5')	70	62 S1-
880-53825-144	SW-37 (4.5')	73	65 S1-
880-53825-145	SW-38 (4.5')	125	101
890-7614-A-12-F MS	Matrix Spike	124	122
890-7614-A-12-G MSD	Matrix Spike Duplicate	125	122
890-7617-A-8-B MS	Matrix Spike	84	72
890-7617-A-8-C MSD	Matrix Spike Duplicate	73	72
890-7619-A-1-H MS	Matrix Spike	71	64 S1-
890-7619-A-1-I MSD	Matrix Spike Duplicate	73	64 S1-
890-7619-A-12-D MS	Matrix Spike	78	78
890-7619-A-12-E MSD	Matrix Spike Duplicate	77	76
890-7620-A-1-D MS	Matrix Spike	65 S1-	65 S1-
890-7620-A-1-E MSD	Matrix Spike Duplicate	78	65 S1-
890-7620-A-9-D MS	Matrix Spike	113	101
890-7620-A-9-E MSD	Matrix Spike Duplicate	115	101
LCS 880-101561/2-A	Lab Control Sample	130	122
LCS 880-101581/2-A	Lab Control Sample	99	98
LCS 880-101582/2-A	Lab Control Sample	91	94
LCS 880-101583/2-A	Lab Control Sample	79	77
LCS 880-101584/2-A	Lab Control Sample	88	84
LCS 880-101587/2-A	Lab Control Sample	81	72
LCS 880-101589/2-A	Lab Control Sample	88	78
LCS 880-101683/2-A	Lab Control Sample	102	108
LCS 880-101727/2-A	Lab Control Sample	129	143 S1+
LCS 880-101833/2-A	Lab Control Sample	77	68 S1-
LCS 880-101834/2-A	Lab Control Sample	70	60 S1-
LCS 880-101835/2-A	Lab Control Sample	67 S1-	70
LCS 880-101836/2-A	Lab Control Sample	105	109
LCSD 880-101561/3-A	Lab Control Sample Dup	127	118
LCSD 880-101581/3-A	Lab Control Sample Dup	88	93
LCSD 880-101582/3-A	Lab Control Sample Dup	89	93
LCSD 880-101583/3-A	Lab Control Sample Dup	81	82
LCSD 880-101584/3-A	Lab Control Sample Dup	89	88
LCSD 880-101587/3-A	Lab Control Sample Dup	82	73
LCSD 880-101589/3-A	Lab Control Sample Dup	88	77
LCSD 880-101683/3-A	Lab Control Sample Dup	100	104
LCSD 880-101727/3-A	Lab Control Sample Dup	127	118
LCSD 880-101833/3-A	Lab Control Sample Dup	80	70
LCSD 880-101834/3-A	Lab Control Sample Dup	74	67 S1-
LCSD 880-101835/3-A	Lab Control Sample Dup	68 S1-	70
LCSD 880-101836/3-A	Lab Control Sample Dup	99	89
MB 880-101561/1-A	Method Blank	156 S1+	128
MB 880-101582/1-A	Method Blank	104	115
MB 880-101583/1-A	Method Blank	85	98
MB 880-101584/1-A	Method Blank	97	110
MB 880-101587/1-A	Method Blank	80	74
MB 880-101589/1-A	Method Blank	112	102
MB 880-101683/1-A	Method Blank	93	87

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Surrogate Summary

Client: Carmona Resources

Project/Site: FC 813H

Job ID: 880-53825-1

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)
MB 880-101727/1-A	Method Blank	140 S1+	123
MB 880-101833/1-A	Method Blank	82	75
MB 880-101834/1-A	Method Blank	73	67 S1-
MB 880-101835/1-A	Method Blank	78	73
MB 880-101836/1-A	Method Blank	107	92
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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
MB 880-101581/1-A	Method Blank		
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-101640/5-A

Matrix: Solid

Analysis Batch: 101708

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101640

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 11:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 11:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 11:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/30/25 13:09	01/31/25 11:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:09	01/31/25 11:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/30/25 13:09	01/31/25 11:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130	01/30/25 13:09	01/31/25 11:09	1
1,4-Difluorobenzene (Surr)	77		70 - 130	01/30/25 13:09	01/31/25 11:09	1

Lab Sample ID: LCS 880-101640/1-A

Matrix: Solid

Analysis Batch: 101708

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101640

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1108		mg/Kg		111	70 - 130
Toluene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1013		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2178		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1110		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Lab Sample ID: LCSD 880-101640/2-A

Matrix: Solid

Analysis Batch: 101708

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101640

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1142		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1030		mg/Kg		103	70 - 130	3	35
Ethylbenzene	0.100	0.1083		mg/Kg		108	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2236		mg/Kg		112	70 - 130	3	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	161	S1+	70 - 130
1,4-Difluorobenzene (Surr)	79		70 - 130

Lab Sample ID: 880-53825-1 MS

Matrix: Solid

Analysis Batch: 101708

Client Sample ID: CS-1 (4.5')

Prep Type: Total/NA

Prep Batch: 101640

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1216		mg/Kg		122	70 - 130
Toluene	<0.00200	U	0.100	0.1072		mg/Kg		107	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-53825-1 MS

Matrix: Solid

Analysis Batch: 101708

Client Sample ID: CS-1 (4.5')

Prep Type: Total/NA

Prep Batch: 101640

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier		Result	Qualifier				Limits	
Ethylbenzene	<0.00200	U	0.100	0.1130		mg/Kg		113	70 - 130	
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2216		mg/Kg		111	70 - 130	
o-Xylene	<0.00200	U	0.100	0.1120		mg/Kg		112	70 - 130	

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	164	S1+	70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

Lab Sample ID: 880-53825-1 MSD

Matrix: Solid

Analysis Batch: 101708

Client Sample ID: CS-1 (4.5')

Prep Type: Total/NA

Prep Batch: 101640

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier		Result	Qualifier				Limits		RPD	Limit
Benzene	<0.00200	U	0.100	0.1292		mg/Kg		129	70 - 130		6	35
Toluene	<0.00200	U	0.100	0.1107		mg/Kg		111	70 - 130		3	35
Ethylbenzene	<0.00200	U	0.100	0.1146		mg/Kg		115	70 - 130		1	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2200		mg/Kg		110	70 - 130		1	35
o-Xylene	<0.00200	U	0.100	0.1128		mg/Kg		113	70 - 130		1	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130
1,4-Difluorobenzene (Surr)	78		70 - 130

Lab Sample ID: MB 880-101642/5-A

Matrix: Solid

Analysis Batch: 101710

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101642

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 11:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 11:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 11:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/30/25 13:11	01/31/25 11:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:11	01/31/25 11:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/30/25 13:11	01/31/25 11:09	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	92		70 - 130	01/30/25 13:11	01/31/25 11:09	1
1,4-Difluorobenzene (Surr)	101		70 - 130	01/30/25 13:11	01/31/25 11:09	1

Lab Sample ID: LCS 880-101642/1-A

Matrix: Solid

Analysis Batch: 101710

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101642

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	
							Limits	
Benzene	0.100	0.08196		mg/Kg		82	70 - 130	
Toluene	0.100	0.07127		mg/Kg		71	70 - 130	
Ethylbenzene	0.100	0.07540		mg/Kg		75	70 - 130	
m-Xylene & p-Xylene	0.200	0.1616		mg/Kg		81	70 - 130	

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-101642/1-A

Matrix: Solid

Analysis Batch: 101710

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101642

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08124		mg/Kg		81	70 - 130

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

Lab Sample ID: LCSD 880-101642/2-A

Matrix: Solid

Analysis Batch: 101710

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101642

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08823		mg/Kg		88	70 - 130	7	35
Toluene	0.100	0.07777		mg/Kg		78	70 - 130	9	35
Ethylbenzene	0.100	0.08223		mg/Kg		82	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1748		mg/Kg		87	70 - 130	8	35
o-Xylene	0.100	0.08773		mg/Kg		88	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	123		70 - 130

Lab Sample ID: 880-53825-21 MS

Matrix: Solid

Analysis Batch: 101710

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 101642

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1036		mg/Kg		104	70 - 130
Toluene	<0.00200	U	0.100	0.08845		mg/Kg		88	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09279		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1906		mg/Kg		95	70 - 130
o-Xylene	<0.00200	U	0.100	0.09345		mg/Kg		93	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	128		70 - 130

Lab Sample ID: 880-53825-21 MSD

Matrix: Solid

Analysis Batch: 101710

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 101642

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1023		mg/Kg		102	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.08834		mg/Kg		88	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.09310		mg/Kg		93	70 - 130	0	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1927		mg/Kg		96	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09463		mg/Kg		95	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-53825-21 MSD

Matrix: Solid

Analysis Batch: 101710

Client Sample ID: CS-21 (4.5')

Prep Type: Total/NA

Prep Batch: 101642

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	126		70 - 130

Lab Sample ID: MB 880-101643/5-A

Matrix: Solid

Analysis Batch: 101671

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101643

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/30/25 20:05	1	
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/30/25 20:05	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/30/25 20:05	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/30/25 13:13	01/30/25 20:05	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:13	01/30/25 20:05	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/30/25 13:13	01/30/25 20:05	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				01/30/25 13:13	01/30/25 20:05	1	
1,4-Difluorobenzene (Surr)	97		70 - 130				01/30/25 13:13	01/30/25 20:05	1	

Lab Sample ID: LCS 880-101643/1-A

Matrix: Solid

Analysis Batch: 101671

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101643

Analyte	Spike	LCS	LCS						%Rec	
	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.1144		mg/Kg		114	70 - 130			
Toluene	0.100	0.1058		mg/Kg		106	70 - 130			
Ethylbenzene	0.100	0.1139		mg/Kg		114	70 - 130			
m-Xylene & p-Xylene	0.200	0.2454		mg/Kg		123	70 - 130			
o-Xylene	0.100	0.1082		mg/Kg		108	70 - 130			
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	94		70 - 130							
1,4-Difluorobenzene (Surr)	102		70 - 130							

Lab Sample ID: LCSD 880-101643/2-A

Matrix: Solid

Analysis Batch: 101671

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101643

Analyte	Spike	LCSD	LCSD						%Rec	RPD	Limit
	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD			
Benzene	0.100	0.1186		mg/Kg		119	70 - 130	4		35	
Toluene	0.100	0.1109		mg/Kg		111	70 - 130	5		35	
Ethylbenzene	0.100	0.1114		mg/Kg		111	70 - 130	2		35	
m-Xylene & p-Xylene	0.200	0.2383		mg/Kg		119	70 - 130	3		35	
o-Xylene	0.100	0.1099		mg/Kg		110	70 - 130	2		35	
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	107		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-101643/2-A

Matrix: Solid

Analysis Batch: 101671

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101643

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

Lab Sample ID: 880-53825-41 MS

Matrix: Solid

Analysis Batch: 101671

Client Sample ID: CS-41 (4.5')

Prep Type: Total/NA

Prep Batch: 101643

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00200	U F1	0.100	0.1317	F1	mg/Kg		132	70 - 130
Toluene	<0.00200	U	0.100	0.1280		mg/Kg		128	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.1305	F1	mg/Kg		131	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.2828	F1	mg/Kg		141	70 - 130
o-Xylene	<0.00200	U	0.100	0.1298		mg/Kg		130	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-53825-41 MSD

Matrix: Solid

Analysis Batch: 101671

Client Sample ID: CS-41 (4.5')

Prep Type: Total/NA

Prep Batch: 101643

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U F1	0.100	0.1225		mg/Kg		123	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.1155		mg/Kg		116	70 - 130	10	35
Ethylbenzene	<0.00200	U F1	0.100	0.1232		mg/Kg		123	70 - 130	6	35
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.2664	F1	mg/Kg		133	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.1206		mg/Kg		121	70 - 130	7	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-101644/5-A

Matrix: Solid

Analysis Batch: 101709

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101644

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 11:09	1	
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 11:09	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 11:09	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/30/25 13:15	01/31/25 11:09	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 11:09	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/30/25 13:15	01/31/25 11:09	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
4-Bromofluorobenzene (Surr)	87		70 - 130	01/30/25 13:15	01/31/25 11:09	1				
1,4-Difluorobenzene (Surr)	93		70 - 130	01/30/25 13:15	01/31/25 11:09	1				

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-101644/1-A

Matrix: Solid

Analysis Batch: 101709

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101644

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08948		mg/Kg		89	70 - 130
Toluene	0.100	0.09143		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09437		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1800		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09382		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-101644/2-A

Matrix: Solid

Analysis Batch: 101709

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101644

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08831		mg/Kg		88	70 - 130	1	35
Toluene	0.100	0.08871		mg/Kg		89	70 - 130	3	35
Ethylbenzene	0.100	0.09109		mg/Kg		91	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1721		mg/Kg		86	70 - 130	4	35
o-Xylene	0.100	0.09088		mg/Kg		91	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-53825-61 MS

Matrix: Solid

Analysis Batch: 101709

Client Sample ID: CS-61 (4.5')

Prep Type: Total/NA

Prep Batch: 101644

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1089		mg/Kg		109	70 - 130
Toluene	<0.00200	U	0.100	0.1086		mg/Kg		109	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1215		mg/Kg		121	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1 F2	0.200	0.2809	F1	mg/Kg		140	70 - 130
o-Xylene	<0.00200	U	0.100	0.1015		mg/Kg		101	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 880-53825-61 MSD

Matrix: Solid

Analysis Batch: 101709

Client Sample ID: CS-61 (4.5')

Prep Type: Total/NA

Prep Batch: 101644

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1093		mg/Kg		109	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.1049		mg/Kg		105	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.1035		mg/Kg		103	70 - 130	16	35

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-53825-61 MSD

Matrix: Solid

Analysis Batch: 101709

Client Sample ID: CS-61 (4.5')

Prep Type: Total/NA

Prep Batch: 101644

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00401	U F1 F2	0.200	0.1902	F2	mg/Kg		95	70 - 130	38	35
o-Xylene	<0.00200	U	0.100	0.09969		mg/Kg		100	70 - 130	2	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	97		70 - 130								
1,4-Difluorobenzene (Surr)	102		70 - 130								

Lab Sample ID: MB 880-101645/5-A

Matrix: Solid

Analysis Batch: 101711

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101645

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 12:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 12:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 12:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/30/25 13:17	01/31/25 12:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:17	01/31/25 12:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/30/25 13:17	01/31/25 12:14	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				01/30/25 13:17	01/31/25 12:14	1
1,4-Difluorobenzene (Surr)	87		70 - 130				01/30/25 13:17	01/31/25 12:14	1

Lab Sample ID: LCS 880-101645/1-A

Matrix: Solid

Analysis Batch: 101711

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.09504		mg/Kg		95	70 - 130		
Toluene	0.100	0.09792		mg/Kg		98	70 - 130		
Ethylbenzene	0.100	0.09827		mg/Kg		98	70 - 130		
m-Xylene & p-Xylene	0.200	0.1899		mg/Kg		95	70 - 130		
o-Xylene	0.100	0.09209		mg/Kg		92	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	100		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-101645/2-A

Matrix: Solid

Analysis Batch: 101711

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101645

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07884		mg/Kg		79	70 - 130	19	35
Toluene	0.100	0.09241		mg/Kg		92	70 - 130	6	35
Ethylbenzene	0.100	0.1028		mg/Kg		103	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1971		mg/Kg		99	70 - 130	4	35
o-Xylene	0.100	0.09696		mg/Kg		97	70 - 130	5	35

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 880-53825-81 MS

Matrix: Solid

Analysis Batch: 101711

Client Sample ID: CS-81 (4.5')

Prep Type: Total/NA

Prep Batch: 101645

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.100	0.08941		mg/Kg		89	70 - 130	
Toluene	<0.00200	U	0.100	0.09569		mg/Kg		96	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.09902		mg/Kg		99	70 - 130	
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1902		mg/Kg		95	70 - 130	
o-Xylene	<0.00200	U	0.100	0.09237		mg/Kg		92	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-53825-81 MSD

Matrix: Solid

Analysis Batch: 101711

Client Sample ID: CS-81 (4.5')

Prep Type: Total/NA

Prep Batch: 101645

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00200	U	0.100	0.09249		mg/Kg		92	70 - 130	3	35	
Toluene	<0.00200	U	0.100	0.09719		mg/Kg		97	70 - 130	2	35	
Ethylbenzene	<0.00200	U	0.100	0.1067		mg/Kg		107	70 - 130	7	35	
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2038		mg/Kg		102	70 - 130	7	35	
o-Xylene	<0.00200	U	0.100	0.09832		mg/Kg		98	70 - 130	6	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-101646/5-A

Matrix: Solid

Analysis Batch: 101712

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101646

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 12:58	1	
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 12:58	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 12:58	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/30/25 13:18	01/31/25 12:58	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:18	01/31/25 12:58	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/30/25 13:18	01/31/25 12:58	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	225	S1+	70 - 130	01/30/25 13:18	01/31/25 12:58	1				
1,4-Difluorobenzene (Surr)	132	S1+	70 - 130	01/30/25 13:18	01/31/25 12:58	1				

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-101646/1-A

Matrix: Solid

Analysis Batch: 101712

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09039		mg/Kg		90	70 - 130
Toluene	0.100	0.09217		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.09833		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.1891		mg/Kg		95	70 - 130
o-Xylene	0.100	0.08845		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-101646/2-A

Matrix: Solid

Analysis Batch: 101712

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101646

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09475		mg/Kg		95	70 - 130	5	35
Toluene	0.100	0.09245		mg/Kg		92	70 - 130	0	35
Ethylbenzene	0.100	0.09485		mg/Kg		95	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1769		mg/Kg		88	70 - 130	7	35
o-Xylene	0.100	0.09584		mg/Kg		96	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-53825-101 MS

Matrix: Solid

Analysis Batch: 101712

Client Sample ID: CS-101 (4.5')

Prep Type: Total/NA

Prep Batch: 101646

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1020		mg/Kg		102	70 - 130
Toluene	<0.00200	U	0.100	0.1010		mg/Kg		101	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1125		mg/Kg		113	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2224		mg/Kg		111	70 - 130
o-Xylene	<0.00200	U	0.100	0.1032		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-53825-101 MSD

Matrix: Solid

Analysis Batch: 101712

Client Sample ID: CS-101 (4.5')

Prep Type: Total/NA

Prep Batch: 101646

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09471		mg/Kg		95	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.09725		mg/Kg		97	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.09700		mg/Kg		97	70 - 130	15	35

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-53825-101 MSD

Matrix: Solid

Analysis Batch: 101712

Client Sample ID: CS-101 (4.5')

Prep Type: Total/NA

Prep Batch: 101646

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1989		mg/Kg		99	70 - 130	11	35
o-Xylene	<0.00200	U	0.100	0.09393		mg/Kg		94	70 - 130	9	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	113		70 - 130								
1,4-Difluorobenzene (Surr)	98		70 - 130								

Lab Sample ID: MB 880-101647/5-A

Matrix: Solid

Analysis Batch: 101656

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101647

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 17:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 17:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 17:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/30/25 13:21	01/30/25 17:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:21	01/30/25 17:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/30/25 13:21	01/30/25 17:57	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				01/30/25 13:21	01/30/25 17:57	1
1,4-Difluorobenzene (Surr)	93		70 - 130				01/30/25 13:21	01/30/25 17:57	1

Lab Sample ID: LCS 880-101647/1-A

Matrix: Solid

Analysis Batch: 101656

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101647

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1042		mg/Kg		104	70 - 130		
Toluene	0.100	0.1074		mg/Kg		107	70 - 130		
Ethylbenzene	0.100	0.1126		mg/Kg		113	70 - 130		
m-Xylene & p-Xylene	0.200	0.2116		mg/Kg		106	70 - 130		
o-Xylene	0.100	0.1110		mg/Kg		111	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	97		70 - 130						

Lab Sample ID: LCSD 880-101647/2-A

Matrix: Solid

Analysis Batch: 101656

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101647

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1062		mg/Kg		106	70 - 130	2	35
Toluene	0.100	0.1050		mg/Kg		105	70 - 130	2	35
Ethylbenzene	0.100	0.1069		mg/Kg		107	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2001		mg/Kg		100	70 - 130	6	35
o-Xylene	0.100	0.1052		mg/Kg		105	70 - 130	5	35

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
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)	100		70 - 130

Lab Sample ID: 880-53825-121 MS

Matrix: Solid

Analysis Batch: 101656

Client Sample ID: SW-14 (4.5')

Prep Type: Total/NA

Prep Batch: 101647

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1089		mg/Kg		109	70 - 130
Toluene	<0.00200	U	0.100	0.1066		mg/Kg		107	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1078		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1999		mg/Kg		100	70 - 130
o-Xylene	<0.00200	U	0.100	0.1049		mg/Kg		105	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-53825-121 MSD

Matrix: Solid

Analysis Batch: 101656

Client Sample ID: SW-14 (4.5')

Prep Type: Total/NA

Prep Batch: 101647

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1074		mg/Kg		107	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.1078		mg/Kg		108	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.1082		mg/Kg		108	70 - 130	0	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2015		mg/Kg		101	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.1049		mg/Kg		105	70 - 130	0	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-101653/5-A

Matrix: Solid

Analysis Batch: 101706

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101653

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/30/25 14:39	01/31/25 11:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 14:39	01/31/25 11:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 14:39	01/31/25 11:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/30/25 14:39	01/31/25 11:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 14:39	01/31/25 11:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/30/25 14:39	01/31/25 11:04	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	103		70 - 130	01/30/25 14:39	01/31/25 11:04	1			
1,4-Difluorobenzene (Surr)	95		70 - 130	01/30/25 14:39	01/31/25 11:04	1			

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-101653/1-A

Matrix: Solid

Analysis Batch: 101706

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101653

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08089		mg/Kg		81	70 - 130
Toluene	0.100	0.08323		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.08600		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1630		mg/Kg		81	70 - 130
o-Xylene	0.100	0.08300		mg/Kg		83	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-101653/2-A

Matrix: Solid

Analysis Batch: 101706

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101653

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07490		mg/Kg		75	70 - 130	8	35
Toluene	0.100	0.07692		mg/Kg		77	70 - 130	8	35
Ethylbenzene	0.100	0.07861		mg/Kg		79	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1485		mg/Kg		74	70 - 130	9	35
o-Xylene	0.100	0.07636		mg/Kg		76	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-53825-141 MS

Matrix: Solid

Analysis Batch: 101706

Client Sample ID: SW-34 (4.5')

Prep Type: Total/NA

Prep Batch: 101653

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09130		mg/Kg		91	70 - 130
Toluene	<0.00200	U	0.100	0.09221		mg/Kg		92	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09345		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1753		mg/Kg		88	70 - 130
o-Xylene	<0.00200	U	0.100	0.08843		mg/Kg		88	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-53825-141 MSD

Matrix: Solid

Analysis Batch: 101706

Client Sample ID: SW-34 (4.5')

Prep Type: Total/NA

Prep Batch: 101653

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09114		mg/Kg		91	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.09214		mg/Kg		92	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.09238		mg/Kg		92	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-53825-141 MSD

Matrix: Solid

Analysis Batch: 101706

Client Sample ID: SW-34 (4.5')

Prep Type: Total/NA

Prep Batch: 101653

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1724		mg/Kg		86	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.08703		mg/Kg		87	70 - 130	2	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		70 - 130								
1,4-Difluorobenzene (Surr)	100		70 - 130								

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

Lab Sample ID: MB 880-101561/1-A

Matrix: Solid

Analysis Batch: 101726

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101561

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 09:06	02/01/25 01:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 09:06	02/01/25 01:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 09:06	02/01/25 01:31	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	156	S1+	70 - 130				01/30/25 09:06	02/01/25 01:31	1
o-Terphenyl	128		70 - 130				01/30/25 09:06	02/01/25 01:31	1

Lab Sample ID: LCS 880-101561/2-A

Matrix: Solid

Analysis Batch: 101726

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101561

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1116		mg/Kg		112	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1126		mg/Kg		113	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	130		70 - 130						
o-Terphenyl	122		70 - 130						

Lab Sample ID: LCSD 880-101561/3-A

Matrix: Solid

Analysis Batch: 101726

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101561

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1107		mg/Kg		111	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1108		mg/Kg		111	70 - 130	2	20

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-101561/3-A

Matrix: Solid

Analysis Batch: 101726

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101561

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	127		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: 880-53820-A-4-B MS

Matrix: Solid

Analysis Batch: 101726

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 101561

	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	998	1216		mg/Kg		122	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1159		mg/Kg		116	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	138	S1+	70 - 130							
o-Terphenyl	127		70 - 130							

Lab Sample ID: 880-53820-A-4-C MSD

Matrix: Solid

Analysis Batch: 101726

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 101561

	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	1222		mg/Kg		122	70 - 130	0	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1121		mg/Kg		112	70 - 130	3	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	136	S1+	70 - 130									
o-Terphenyl	123		70 - 130									

Lab Sample ID: MB 880-101581/1-A

Matrix: Solid

Analysis Batch: 101813

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101581

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 10:55	02/01/25 08:35	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 10:55	02/01/25 08:35	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 10:55	02/01/25 08:35	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane							01/30/25 10:55	02/01/25 08:35	1		
o-Terphenyl							01/30/25 10:55	02/01/25 08:35	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-101581/2-A

Matrix: Solid

Analysis Batch: 101813

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101581

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	940.2		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1045		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: LCSD 880-101581/3-A

Matrix: Solid

Analysis Batch: 101813

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101581

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1034		mg/Kg		103	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	1052		mg/Kg		105	70 - 130	1	20
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	88		70 - 130								
o-Terphenyl	93		70 - 130								

Lab Sample ID: 880-53825-23 MS

Matrix: Solid

Analysis Batch: 101813

Client Sample ID: CS-23 (4.5')

Prep Type: Total/NA

Prep Batch: 101581

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits		
	Result	Qualifier	Added	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	1086		mg/Kg		106		70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	997	976.2		mg/Kg		96		70 - 130		
Surrogate	MS	MS										
	%Recovery	Qualifier	Limits									
1-Chlorooctane	103		70 - 130									
o-Terphenyl	98		70 - 130									

Lab Sample ID: 880-53825-23 MSD

Matrix: Solid

Analysis Batch: 101813

Client Sample ID: CS-23 (4.5')

Prep Type: Total/NA

Prep Batch: 101581

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	1115		mg/Kg		109	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.8	U	997	1021		mg/Kg		100	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	107		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-53825-23 MSD

Matrix: Solid

Analysis Batch: 101813

Client Sample ID: CS-23 (4.5')

Prep Type: Total/NA

Prep Batch: 101581

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	102		70 - 130

Lab Sample ID: MB 880-101582/1-A

Matrix: Solid

Analysis Batch: 101813

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101582

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 10:58	02/01/25 19:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 10:58	02/01/25 19:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 10:58	02/01/25 19:09	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	104		70 - 130				01/30/25 10:58	02/01/25 19:09	1
<i>o</i> -Terphenyl	115		70 - 130				01/30/25 10:58	02/01/25 19:09	1

Lab Sample ID: LCS 880-101582/2-A

Matrix: Solid

Analysis Batch: 101813

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101582

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	963.9		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	881.9		mg/Kg		88	70 - 130
Surrogate	LCS	LCS	Limits				
	%Recovery	Qualifier					
1-Chlorooctane	91		70 - 130				
<i>o</i> -Terphenyl	94		70 - 130				

Lab Sample ID: LCSD 880-101582/3-A

Matrix: Solid

Analysis Batch: 101813

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101582

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	932.6		mg/Kg		93	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	937.2		mg/Kg		94	70 - 130	6	20
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
1-Chlorooctane	89		70 - 130						
<i>o</i> -Terphenyl	93		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-53825-43 MS

Matrix: Solid

Analysis Batch: 101813

Client Sample ID: CS-43 (4.5')

Prep Type: Total/NA

Prep Batch: 101582

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	998	1024		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	859.3		mg/Kg		84	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	81		70 - 130						
o-Terphenyl	79		70 - 130						

Lab Sample ID: 880-53825-43 MSD

Matrix: Solid

Analysis Batch: 101813

Client Sample ID: CS-43 (4.5')

Prep Type: Total/NA

Prep Batch: 101582

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	1008		mg/Kg		96	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	870.0		mg/Kg		85	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	80		70 - 130								
o-Terphenyl	78		70 - 130								

Lab Sample ID: MB 880-101583/1-A

Matrix: Solid

Analysis Batch: 101816

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101583

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 11:00	02/01/25 08:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 11:00	02/01/25 08:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 11:00	02/01/25 08:35	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				01/30/25 11:00	02/01/25 08:35	1
o-Terphenyl	98		70 - 130				01/30/25 11:00	02/01/25 08:35	1

Lab Sample ID: LCS 880-101583/2-A

Matrix: Solid

Analysis Batch: 101816

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101583

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	883.4		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	1000	833.3		mg/Kg		83	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-101583/2-A

Matrix: Solid

Analysis Batch: 101816

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101583

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	77		70 - 130

Lab Sample ID: LCSD 880-101583/3-A

Matrix: Solid

Analysis Batch: 101816

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101583

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	932.1		mg/Kg		93	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	873.7		mg/Kg		87	70 - 130	5	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	81										
o-Terphenyl	82										

Lab Sample ID: 880-53825-63 MS

Matrix: Solid

Analysis Batch: 101816

Client Sample ID: CS-63 (4.5')

Prep Type: Total/NA

Prep Batch: 101583

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	1037		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	748.5		mg/Kg		73	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	81										
o-Terphenyl	75										

Lab Sample ID: 880-53825-63 MSD

Matrix: Solid

Analysis Batch: 101816

Client Sample ID: CS-63 (4.5')

Prep Type: Total/NA

Prep Batch: 101583

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	999	1043		mg/Kg		104	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	773.7		mg/Kg		76	70 - 130	3	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	82										
o-Terphenyl	76										

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-101584/1-A

Matrix: Solid

Analysis Batch: 101816

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101584

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 11:08	02/01/25 19:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 11:08	02/01/25 19:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 11:08	02/01/25 19:09	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				01/30/25 11:08	02/01/25 19:09	1
o-Terphenyl	110		70 - 130				01/30/25 11:08	02/01/25 19:09	1

Lab Sample ID: LCS 880-101584/2-A

Matrix: Solid

Analysis Batch: 101816

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101584

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	886.9		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1000	915.4		mg/Kg		92	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	88		70 - 130				
o-Terphenyl	84		70 - 130				

Lab Sample ID: LCSD 880-101584/3-A

Matrix: Solid

Analysis Batch: 101816

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101584

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	886.9		mg/Kg		89	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	942.6		mg/Kg		94	70 - 130	3	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	89		70 - 130						
o-Terphenyl	88		70 - 130						

Lab Sample ID: 880-53825-83 MS

Matrix: Solid

Analysis Batch: 101816

Client Sample ID: CS-83 (4.5')

Prep Type: Total/NA

Prep Batch: 101584

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	976.0		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	674.7	F1	mg/Kg		68	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-53825-83 MS

Matrix: Solid

Analysis Batch: 101816

Client Sample ID: CS-83 (4.5')

Prep Type: Total/NA

Prep Batch: 101584

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	69	S1-	70 - 130
o-Terphenyl	68	S1-	70 - 130

Lab Sample ID: 880-53825-83 MSD

Matrix: Solid

Analysis Batch: 101816

Client Sample ID: CS-83 (4.5')

Prep Type: Total/NA

Prep Batch: 101584

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	998	997.5		mg/Kg		100	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	695.7		mg/Kg		70	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	68	S1-	70 - 130								
o-Terphenyl	67	S1-	70 - 130								

Lab Sample ID: MB 880-101587/1-A

Matrix: Solid

Analysis Batch: 101848

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101587

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 11:11	02/03/25 17:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 11:11	02/03/25 17:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 11:11	02/03/25 17:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				01/30/25 11:11	02/03/25 17:01	1
o-Terphenyl	74		70 - 130				01/30/25 11:11	02/03/25 17:01	1

Lab Sample ID: LCS 880-101587/2-A

Matrix: Solid

Analysis Batch: 101848

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101587

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1037		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	916.2		mg/Kg		92	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	81		70 - 130				
o-Terphenyl	72		70 - 130				

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-101587/3-A

Matrix: Solid

Analysis Batch: 101848

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101587

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1018		mg/Kg		102	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	890.0		mg/Kg		89	70 - 130	3	20
	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	82		70 - 130						
o-Terphenyl	73		70 - 130						

Lab Sample ID: 880-53825-103 MS

Matrix: Solid

Analysis Batch: 101848

Client Sample ID: CS-103 (4.5')

Prep Type: Total/NA

Prep Batch: 101587

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	996	835.2		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	825.1		mg/Kg		81	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	86		70 - 130								
o-Terphenyl	76		70 - 130								

Lab Sample ID: 880-53825-103 MSD

Matrix: Solid

Analysis Batch: 101848

Client Sample ID: CS-103 (4.5')

Prep Type: Total/NA

Prep Batch: 101587

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	996	841.2		mg/Kg		84	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	794.9		mg/Kg		78	70 - 130	4	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	86		70 - 130								
o-Terphenyl	76		70 - 130								

Lab Sample ID: MB 880-101589/1-A

Matrix: Solid

Analysis Batch: 101848

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101589

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 11:14	02/04/25 00:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 11:14	02/04/25 00:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 11:14	02/04/25 00:34	1

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-101589/1-A
Matrix: Solid
Analysis Batch: 101848

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101589

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	112		70 - 130	01/30/25 11:14	02/04/25 00:34	1				
o-Terphenyl	102		70 - 130	01/30/25 11:14	02/04/25 00:34	1				

Lab Sample ID: LCS 880-101589/2-A
Matrix: Solid
Analysis Batch: 101848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101589

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1075		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	956.1		mg/Kg		96	70 - 130		
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	88		70 - 130								
o-Terphenyl	78		70 - 130								

Lab Sample ID: LCSD 880-101589/3-A
Matrix: Solid
Analysis Batch: 101848

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 101589

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1094		mg/Kg		109	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)			1000	947.6		mg/Kg		95	70 - 130	1	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	88		70 - 130									
o-Terphenyl	77		70 - 130									

Lab Sample ID: 880-53825-123 MS
Matrix: Solid
Analysis Batch: 101848

Client Sample ID: SW-16 (4.5')
Prep Type: Total/NA
Prep Batch: 101589

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	725.5		mg/Kg		73	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	729.0		mg/Kg		73	70 - 130		
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	80		70 - 130								
o-Terphenyl	68	S1-	70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-53825-123 MSD

Matrix: Solid

Analysis Batch: 101848

Client Sample ID: SW-16 (4.5')

Prep Type: Total/NA

Prep Batch: 101589

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	996	808.9		mg/Kg		81	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	777.2		mg/Kg		78	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	83		70 - 130								
o-Terphenyl	72		70 - 130								

Lab Sample ID: MB 880-101683/1-A

Matrix: Solid

Analysis Batch: 101724

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101683

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 19:53	01/31/25 09:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 19:53	01/31/25 09:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 19:53	01/31/25 09:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				01/30/25 19:53	01/31/25 09:01	1
o-Terphenyl	87		70 - 130				01/30/25 19:53	01/31/25 09:01	1

Lab Sample ID: LCS 880-101683/2-A

Matrix: Solid

Analysis Batch: 101724

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101683

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	916.4		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	938.4		mg/Kg		94	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	102		70 - 130						
o-Terphenyl	108		70 - 130						

Lab Sample ID: LCSD 880-101683/3-A

Matrix: Solid

Analysis Batch: 101724

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101683

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	903.1		mg/Kg		90	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	939.4		mg/Kg		94	70 - 130	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-101683/3-A

Matrix: Solid

Analysis Batch: 101724

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101683

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 890-7617-A-8-B MS

Matrix: Solid

Analysis Batch: 101724

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 101683

	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 F1	997	676.1	F1	mg/Kg		68	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	676.2	F1	mg/Kg		68	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	84		70 - 130							
o-Terphenyl	72		70 - 130							

Lab Sample ID: 890-7617-A-8-C MSD

Matrix: Solid

Analysis Batch: 101724

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 101683

	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 F1	997	673.5	F1	mg/Kg		68	70 - 130	0	20	
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	698.2		mg/Kg		70	70 - 130	3	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	73		70 - 130									
o-Terphenyl	72		70 - 130									

Lab Sample ID: MB 880-101727/1-A

Matrix: Solid

Analysis Batch: 101726

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101727

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/31/25 08:59	01/31/25 09:01	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/31/25 08:59	01/31/25 09:01	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/31/25 08:59	01/31/25 09:01	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	140	S1+	70 - 130				01/31/25 08:59	01/31/25 09:01	1		
o-Terphenyl	123		70 - 130				01/31/25 08:59	01/31/25 09:01	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-101727/2-A

Matrix: Solid

Analysis Batch: 101726

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101727

Analyte			Spike	LCS	LCS				%Rec		
			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1013		mg/Kg		101	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1277		mg/Kg		128	70 - 130		
		LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	129		70 - 130								
o-Terphenyl	143	S1+	70 - 130								

Lab Sample ID: LCSD 880-101727/3-A

Matrix: Solid

Analysis Batch: 101726

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101727

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier			Limits	Limit		
Gasoline Range Organics (GRO)-C6-C10			1000	1050		mg/Kg		105	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1090		mg/Kg		109	70 - 130	16	20
Surrogate	LCSD	LCSD	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	127		70 - 130								
o-Terphenyl	118		70 - 130								

Lab Sample ID: 890-7614-A-12-F MS

Matrix: Solid

Analysis Batch: 101726

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 101727

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits		
	Result	Qualifier	Added	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1036		mg/Kg		103	70 - 130			
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1144		mg/Kg		114	70 - 130			
Surrogate	MS	MS	Limits									
	%Recovery	Qualifier										
1-Chlorooctane	124		70 - 130									
o-Terphenyl	122		70 - 130									

Lab Sample ID: 890-7614-A-12-G MSD

Matrix: Solid

Analysis Batch: 101726

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 101727

	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	<49.9	U	1000	1035		mg/Kg		103	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1145		mg/Kg		114	70 - 130	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 890-7614-A-12-G MSD

Matrix: Solid

Analysis Batch: 101726

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 101727

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	122		70 - 130

Lab Sample ID: MB 880-101833/1-A

Matrix: Solid

Analysis Batch: 101848

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101833

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/03/25 07:57	02/03/25 09:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/03/25 07:57	02/03/25 09:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/03/25 07:57	02/03/25 09:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				02/03/25 07:57	02/03/25 09:26	1
<i>o</i> -Terphenyl	75		70 - 130				02/03/25 07:57	02/03/25 09:26	1

Lab Sample ID: LCS 880-101833/2-A

Matrix: Solid

Analysis Batch: 101848

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101833

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	808.7		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	688.8	*-	mg/Kg		69	70 - 130		
Surrogate		LCS %Recovery	LCS Qualifier	Limits					
1-Chlorooctane		77		70 - 130					
<i>o</i> -Terphenyl		68	S1-	70 - 130					

Lab Sample ID: LCSD 880-101833/3-A

Matrix: Solid

Analysis Batch: 101848

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101833

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1011	*1	mg/Kg		101	70 - 130	22	20
Diesel Range Organics (Over C10-C28)	1000	856.6	*1	mg/Kg		86	70 - 130	22	20
Surrogate		LCSD %Recovery	LCSD Qualifier	Limits					
1-Chlorooctane		80		70 - 130					
<i>o</i> -Terphenyl		70		70 - 130					

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 890-7619-A-1-H MS

Matrix: Solid

Analysis Batch: 101848

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 101833

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	755.8		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	67.6	*1 *-	999	812.0		mg/Kg		75	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	71		70 - 130						
o-Terphenyl	64	S1-	70 - 130						

Lab Sample ID: 890-7619-A-1-I MSD

Matrix: Solid

Analysis Batch: 101848

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 101833

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 *1	999	779.6		mg/Kg		78	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	67.6	*1 *-	999	813.1		mg/Kg		75	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	73		70 - 130								
o-Terphenyl	64	S1-	70 - 130								

Lab Sample ID: MB 880-101834/1-A

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101834

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		02/03/25 08:00	02/03/25 09:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/03/25 08:00	02/03/25 09:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/03/25 08:00	02/03/25 09:26	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				02/03/25 08:00	02/03/25 09:26	1
o-Terphenyl	67	S1-	70 - 130				02/03/25 08:00	02/03/25 09:26	1

Lab Sample ID: LCS 880-101834/2-A

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101834

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	747.6		mg/Kg		75	70 - 130
Diesel Range Organics (Over C10-C28)	1000	673.2	*-	mg/Kg		67	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-101834/2-A

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101834

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	70		70 - 130
o-Terphenyl	60	S1-	70 - 130

Lab Sample ID: LCSD 880-101834/3-A

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101834

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	953.0	*1	mg/Kg		95	70 - 130	24	20
Diesel Range Organics (Over C10-C28)	1000	825.7		mg/Kg		83	70 - 130	20	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	74		70 - 130
o-Terphenyl	67	S1-	70 - 130

Lab Sample ID: 890-7619-A-12-D MS

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 101834

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 *1	997	732.4		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	907	*- F1	997	1471	F1	mg/Kg		57	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	78		70 - 130

Lab Sample ID: 890-7619-A-12-E MSD

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 101834

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 *1	997	706.6		mg/Kg		71	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	907	*- F1	997	1432	F1	mg/Kg		53	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	76		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-101835/1-A

Matrix: Solid

Analysis Batch: 101852

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101835

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/03/25 08:03	02/03/25 09:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/03/25 08:03	02/03/25 09:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/03/25 08:03	02/03/25 09:26	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	78		70 - 130				02/03/25 08:03	02/03/25 09:26	1
o-Terphenyl	73		70 - 130				02/03/25 08:03	02/03/25 09:26	1

Lab Sample ID: LCS 880-101835/2-A

Matrix: Solid

Analysis Batch: 101852

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101835

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	700.0		mg/Kg		70	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	677.3	*-	mg/Kg		68	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
1-Chlorooctane	67	S1-	70 - 130						
o-Terphenyl	70		70 - 130						

Lab Sample ID: LCSD 880-101835/3-A

Matrix: Solid

Analysis Batch: 101852

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101835

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	830.0		mg/Kg		83	70 - 130	17	20
Diesel Range Organics (Over C10-C28)	1000	835.2	*1	mg/Kg		84	70 - 130	21	20
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
1-Chlorooctane	68	S1-	70 - 130						
o-Terphenyl	70		70 - 130						

Lab Sample ID: 890-7620-A-1-D MS

Matrix: Solid

Analysis Batch: 101852

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 101835

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
	Result	Qualifier									
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	717.3		mg/Kg		72	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *1	998	729.7		mg/Kg		73	70 - 130		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 890-7620-A-1-D MS

Matrix: Solid

Analysis Batch: 101852

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 101835

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	65	S1-	70 - 130
o-Terphenyl	65	S1-	70 - 130

Lab Sample ID: 890-7620-A-1-E MSD

Matrix: Solid

Analysis Batch: 101852

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 101835

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	998	720.1		mg/Kg		72	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U *1 *-	998	720.0		mg/Kg		72	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	78		70 - 130								
o-Terphenyl	65	S1-	70 - 130								

Lab Sample ID: MB 880-101836/1-A

Matrix: Solid

Analysis Batch: 101854

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101836

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		02/03/25 08:05	02/03/25 09:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/03/25 08:05	02/03/25 09:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/03/25 08:05	02/03/25 09:26	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				02/03/25 08:05	02/03/25 09:26	1
o-Terphenyl	92		70 - 130				02/03/25 08:05	02/03/25 09:26	1

Lab Sample ID: LCS 880-101836/2-A

Matrix: Solid

Analysis Batch: 101854

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101836

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1050		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1099		mg/Kg		110	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	105		70 - 130				
o-Terphenyl	109		70 - 130				

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-101836/3-A

Matrix: Solid

Analysis Batch: 101854

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101836

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	992.0		mg/Kg		99	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	925.3		mg/Kg		93	70 - 130	17	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	99		70 - 130						
o-Terphenyl	89		70 - 130						

Lab Sample ID: 890-7620-A-9-D MS

Matrix: Solid

Analysis Batch: 101854

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 101836

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	995	1000		mg/Kg		101	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	995	1017		mg/Kg		102	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	113		70 - 130								
o-Terphenyl	101		70 - 130								

Lab Sample ID: 890-7620-A-9-E MSD

Matrix: Solid

Analysis Batch: 101854

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 101836

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	995	1022		mg/Kg		103	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	995	1039		mg/Kg		104	70 - 130	2	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	115		70 - 130								
o-Terphenyl	101		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-101672/1-A

Matrix: Solid

Analysis Batch: 101761

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/02/25 04:45	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-101672/2-A

Matrix: Solid

Analysis Batch: 101761

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	273.5		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-101672/3-A

Matrix: Solid

Analysis Batch: 101761

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	274.3		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 880-53825-1 MS

Matrix: Solid

Analysis Batch: 101761

Client Sample ID: CS-1 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5650	F1	2480	9225	F1	mg/Kg		144	90 - 110

Lab Sample ID: 880-53825-1 MSD

Matrix: Solid

Analysis Batch: 101761

Client Sample ID: CS-1 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5650	F1	2480	9239	F1	mg/Kg		145	90 - 110	0	20

Lab Sample ID: 880-53825-11 MS

Matrix: Solid

Analysis Batch: 101761

Client Sample ID: CS-11 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	12900	F1	5050	18780	F1	mg/Kg		116	90 - 110

Lab Sample ID: 880-53825-11 MSD

Matrix: Solid

Analysis Batch: 101761

Client Sample ID: CS-11 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12900	F1	5050	18820	F1	mg/Kg		117	90 - 110	0	20

Lab Sample ID: MB 880-101673/1-A

Matrix: Solid

Analysis Batch: 101763

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/03/25 09:13	1

Lab Sample ID: LCS 880-101673/2-A

Matrix: Solid

Analysis Batch: 101763

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	237.5		mg/Kg		95	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-101673/3-A

Matrix: Solid

Analysis Batch: 101763

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	237.7		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-53825-21 MS

Matrix: Solid

Analysis Batch: 101763

Client Sample ID: CS-21 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5180		1260	6711	4	mg/Kg		122	90 - 110		

Lab Sample ID: 880-53825-21 MSD

Matrix: Solid

Analysis Batch: 101763

Client Sample ID: CS-21 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5180		1260	6712	4	mg/Kg		122	90 - 110	0	20

Lab Sample ID: 880-53825-31 MS

Matrix: Solid

Analysis Batch: 101763

Client Sample ID: CS-31 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6660	F1	2490	9429	F1	mg/Kg		111	90 - 110		

Lab Sample ID: 880-53825-31 MSD

Matrix: Solid

Analysis Batch: 101763

Client Sample ID: CS-31 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6660	F1	2490	9452	F1	mg/Kg		112	90 - 110	0	20

Lab Sample ID: MB 880-101675/1-A

Matrix: Solid

Analysis Batch: 101764

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/31/25 19:07	1

Lab Sample ID: LCS 880-101675/2-A

Matrix: Solid

Analysis Batch: 101764

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	265.7		mg/Kg		106	90 - 110		

Lab Sample ID: LCSD 880-101675/3-A

Matrix: Solid

Analysis Batch: 101764

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	265.8		mg/Kg		106	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-53825-41 MS

Matrix: Solid

Analysis Batch: 101764

Client Sample ID: CS-41 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	9510		2500	11950		mg/Kg		98	90 - 110		

Lab Sample ID: 880-53825-41 MSD

Matrix: Solid

Analysis Batch: 101764

Client Sample ID: CS-41 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9510		2500	11970		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-53825-51 MS

Matrix: Solid

Analysis Batch: 101764

Client Sample ID: CS-51 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	5390	F1	2490	8313	F1	mg/Kg		118	90 - 110		

Lab Sample ID: 880-53825-51 MSD

Matrix: Solid

Analysis Batch: 101764

Client Sample ID: CS-51 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5390	F1	2490	8326	F1	mg/Kg		118	90 - 110	0	20

Lab Sample ID: MB 880-101677/1-A

Matrix: Solid

Analysis Batch: 101765

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/03/25 15:44	1

Lab Sample ID: LCS 880-101677/2-A

Matrix: Solid

Analysis Batch: 101765

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	235.4		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-101677/3-A

Matrix: Solid

Analysis Batch: 101765

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	236.6		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 880-53825-61 MS

Matrix: Solid

Analysis Batch: 101765

Client Sample ID: CS-61 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	6740	F1	2520	10350	F1	mg/Kg		144	90 - 110		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-53825-61 MSD

Matrix: Solid

Analysis Batch: 101765

Client Sample ID: CS-61 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6740	F1	2520	10380	F1	mg/Kg		145	90 - 110	0	20

Lab Sample ID: 880-53825-71 MS

Matrix: Solid

Analysis Batch: 101765

Client Sample ID: CS-71 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	7850	F1	2480	10580		mg/Kg		110	90 - 110		

Lab Sample ID: 880-53825-71 MSD

Matrix: Solid

Analysis Batch: 101765

Client Sample ID: CS-71 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7850	F1	2480	10600	F1	mg/Kg		111	90 - 110	0	20

Lab Sample ID: MB 880-101748/1-A

Matrix: Solid

Analysis Batch: 101766

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/03/25 15:18	1

Lab Sample ID: LCS 880-101748/2-A

Matrix: Solid

Analysis Batch: 101766

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	253.0		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-101748/3-A

Matrix: Solid

Analysis Batch: 101766

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	253.5		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-53825-101 MS

Matrix: Solid

Analysis Batch: 101766

Client Sample ID: CS-101 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	5600		1260	7569	E 4	mg/Kg		157	90 - 110		

Lab Sample ID: 880-53825-101 MSD

Matrix: Solid

Analysis Batch: 101766

Client Sample ID: CS-101 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5600		1260	7564	E 4	mg/Kg		156	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-53825-111 MS

Matrix: Solid

Analysis Batch: 101766

Client Sample ID: SW-4 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	25.7	F1	250	365.5	F1	mg/Kg		136	90 - 110

Lab Sample ID: 880-53825-111 MSD

Matrix: Solid

Analysis Batch: 101766

Client Sample ID: SW-4 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	25.7	F1	250	366.0	F1	mg/Kg		136	90 - 110	0	20

Lab Sample ID: MB 880-101678/1-A

Matrix: Solid

Analysis Batch: 101767

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/03/25 19:32	1

Lab Sample ID: LCS 880-101678/2-A

Matrix: Solid

Analysis Batch: 101767

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	248.5		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-101678/3-A

Matrix: Solid

Analysis Batch: 101767

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	247.8		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-53825-81 MS

Matrix: Solid

Analysis Batch: 101767

Client Sample ID: CS-81 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3050	F1	1250	4482	F1	mg/Kg		115	90 - 110

Lab Sample ID: 880-53825-81 MSD

Matrix: Solid

Analysis Batch: 101767

Client Sample ID: CS-81 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3050	F1	1250	4412		mg/Kg		110	90 - 110	2	20

Lab Sample ID: 880-53825-91 MS

Matrix: Solid

Analysis Batch: 101767

Client Sample ID: CS-91 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7140		2520	9800		mg/Kg		106	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-53825-91 MSD

Matrix: Solid

Analysis Batch: 101767

Client Sample ID: CS-91 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7140		2520	9705		mg/Kg		102	90 - 110	1	20

Lab Sample ID: MB 880-101752/1-A

Matrix: Solid

Analysis Batch: 101773

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/02/25 02:25	1

Lab Sample ID: LCS 880-101752/2-A

Matrix: Solid

Analysis Batch: 101773

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	272.8		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-101752/3-A

Matrix: Solid

Analysis Batch: 101773

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	271.9		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-53825-141 MS

Matrix: Solid

Analysis Batch: 101773

Client Sample ID: SW-34 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	17.3	F1	250	295.9	F1	mg/Kg		112	90 - 110

Lab Sample ID: 880-53825-141 MSD

Matrix: Solid

Analysis Batch: 101773

Client Sample ID: SW-34 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	17.3	F1	250	301.3	F1	mg/Kg		114	90 - 110	2	20

Lab Sample ID: MB 880-101751/1-A

Matrix: Solid

Analysis Batch: 101774

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/02/25 01:18	1

Lab Sample ID: LCS 880-101751/2-A

Matrix: Solid

Analysis Batch: 101774

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	270.7		mg/Kg		108	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-101751/3-A

Matrix: Solid

Analysis Batch: 101774

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	270.5		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 880-53825-121 MS

Matrix: Solid

Analysis Batch: 101774

Client Sample ID: SW-14 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	20.5	F1	249	304.2	F1	mg/Kg		114	90 - 110		

Lab Sample ID: 880-53825-121 MSD

Matrix: Solid

Analysis Batch: 101774

Client Sample ID: SW-14 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	20.5	F1	249	305.0	F1	mg/Kg		114	90 - 110	0	20

Lab Sample ID: 880-53825-131 MS

Matrix: Solid

Analysis Batch: 101774

Client Sample ID: SW-24 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	127	F1	252	414.8	F1	mg/Kg		114	90 - 110		

Lab Sample ID: 880-53825-131 MSD

Matrix: Solid

Analysis Batch: 101774

Client Sample ID: SW-24 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	127	F1	252	414.5	F1	mg/Kg		114	90 - 110	0	20

Lab Sample ID: MB 880-101754/1-A

Matrix: Solid

Analysis Batch: 101776

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/01/25 22:50	1

Lab Sample ID: LCS 880-101754/2-A

Matrix: Solid

Analysis Batch: 101776

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	262.5		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-101754/3-A

Matrix: Solid

Analysis Batch: 101776

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	263.3		mg/Kg		105	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-53825-143 MS										Client Sample ID: SW-36 (4.5')			
Matrix: Solid										Prep Type: Soluble			
Analysis Batch: 101776													
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits				
Chloride	2080		1260	3441		mg/Kg		108	90 - 110				

Lab Sample ID: 880-53825-143 MSD										Client Sample ID: SW-36 (4.5')			
Matrix: Solid										Prep Type: Soluble			
Analysis Batch: 101776													
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit		
Chloride	2080		1260	3449		mg/Kg		109	90 - 110	0	20		

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 101640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-1	CS-1 (4.5')	Total/NA	Solid	5035	
880-53825-2	CS-2 (4.5')	Total/NA	Solid	5035	
880-53825-3	CS-3 (4.5')	Total/NA	Solid	5035	
880-53825-4	CS-4 (4.5')	Total/NA	Solid	5035	
880-53825-5	CS-5 (4.5')	Total/NA	Solid	5035	
880-53825-6	CS-6 (4.5')	Total/NA	Solid	5035	
880-53825-7	CS-7 (4.5')	Total/NA	Solid	5035	
880-53825-8	CS-8 (4.5')	Total/NA	Solid	5035	
880-53825-9	CS-9 (4.5')	Total/NA	Solid	5035	
880-53825-10	CS-10 (4.5')	Total/NA	Solid	5035	
880-53825-11	CS-11 (4.5')	Total/NA	Solid	5035	
880-53825-12	CS-12 (4.5')	Total/NA	Solid	5035	
880-53825-13	CS-13 (4.5')	Total/NA	Solid	5035	
880-53825-14	CS-14 (4.5')	Total/NA	Solid	5035	
880-53825-15	CS-15 (4.5')	Total/NA	Solid	5035	
880-53825-16	CS-16 (4.5')	Total/NA	Solid	5035	
880-53825-17	CS-17 (4.5')	Total/NA	Solid	5035	
880-53825-18	CS-18 (4.5')	Total/NA	Solid	5035	
880-53825-19	CS-19 (4.5')	Total/NA	Solid	5035	
880-53825-20	CS-20 (4.5')	Total/NA	Solid	5035	
MB 880-101640/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-101640/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-101640/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-53825-1 MS	CS-1 (4.5')	Total/NA	Solid	5035	
880-53825-1 MSD	CS-1 (4.5')	Total/NA	Solid	5035	

Prep Batch: 101642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-21	CS-21 (4.5')	Total/NA	Solid	5035	
880-53825-22	CS-22 (4.5')	Total/NA	Solid	5035	
880-53825-23	CS-23 (4.5')	Total/NA	Solid	5035	
880-53825-24	CS-24 (4.5')	Total/NA	Solid	5035	
880-53825-25	CS-25 (4.5')	Total/NA	Solid	5035	
880-53825-26	CS-26 (4.5')	Total/NA	Solid	5035	
880-53825-27	CS-27 (4.5')	Total/NA	Solid	5035	
880-53825-28	CS-28 (4.5')	Total/NA	Solid	5035	
880-53825-29	CS-29 (4.5')	Total/NA	Solid	5035	
880-53825-30	CS-30 (4.5')	Total/NA	Solid	5035	
880-53825-31	CS-31 (4.5')	Total/NA	Solid	5035	
880-53825-32	CS-32 (4.5')	Total/NA	Solid	5035	
880-53825-33	CS-33 (4.5')	Total/NA	Solid	5035	
880-53825-34	CS-34 (4.5')	Total/NA	Solid	5035	
880-53825-35	CS-35 (4.5')	Total/NA	Solid	5035	
880-53825-36	CS-36 (4.5')	Total/NA	Solid	5035	
880-53825-37	CS-37 (4.5')	Total/NA	Solid	5035	
880-53825-38	CS-38 (4.5')	Total/NA	Solid	5035	
880-53825-39	CS-39 (4.5')	Total/NA	Solid	5035	
880-53825-40	CS-40 (4.5')	Total/NA	Solid	5035	
MB 880-101642/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-101642/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-101642/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 101642 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-21 MS	CS-21 (4.5')	Total/NA	Solid	5035	
880-53825-21 MSD	CS-21 (4.5')	Total/NA	Solid	5035	

Prep Batch: 101643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-41	CS-41 (4.5')	Total/NA	Solid	5035	
880-53825-42	CS-42 (4.5')	Total/NA	Solid	5035	
880-53825-43	CS-43 (4.5')	Total/NA	Solid	5035	
880-53825-44	CS-44 (4.5')	Total/NA	Solid	5035	
880-53825-45	CS-45 (4.5')	Total/NA	Solid	5035	
880-53825-46	CS-46 (4.5')	Total/NA	Solid	5035	
880-53825-47	CS-47 (4.5')	Total/NA	Solid	5035	
880-53825-48	CS-48 (4.5')	Total/NA	Solid	5035	
880-53825-49	CS-49 (4.5')	Total/NA	Solid	5035	
880-53825-50	CS-50 (4.5')	Total/NA	Solid	5035	
880-53825-51	CS-51 (4.5')	Total/NA	Solid	5035	
880-53825-52	CS-52 (4.5')	Total/NA	Solid	5035	
880-53825-53	CS-53 (4.5')	Total/NA	Solid	5035	
880-53825-54	CS-54 (4.5')	Total/NA	Solid	5035	
880-53825-55	CS-55 (4.5')	Total/NA	Solid	5035	
880-53825-56	CS-56 (4.5')	Total/NA	Solid	5035	
880-53825-57	CS-57 (4.5')	Total/NA	Solid	5035	
880-53825-58	CS-58 (4.5')	Total/NA	Solid	5035	
880-53825-59	CS-59 (4.5')	Total/NA	Solid	5035	
880-53825-60	CS-60 (4.5')	Total/NA	Solid	5035	
MB 880-101643/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-101643/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-101643/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-53825-41 MS	CS-41 (4.5')	Total/NA	Solid	5035	
880-53825-41 MSD	CS-41 (4.5')	Total/NA	Solid	5035	

Prep Batch: 101644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-61	CS-61 (4.5')	Total/NA	Solid	5035	
880-53825-62	CS-62 (4.5')	Total/NA	Solid	5035	
880-53825-63	CS-63 (4.5')	Total/NA	Solid	5035	
880-53825-64	CS-64 (4.5')	Total/NA	Solid	5035	
880-53825-65	CS-65 (4.5')	Total/NA	Solid	5035	
880-53825-66	CS-66 (4.5')	Total/NA	Solid	5035	
880-53825-67	CS-67 (4.5')	Total/NA	Solid	5035	
880-53825-68	CS-68 (4.5')	Total/NA	Solid	5035	
880-53825-69	CS-69 (4.5')	Total/NA	Solid	5035	
880-53825-70	CS-70 (4.5')	Total/NA	Solid	5035	
880-53825-71	CS-71 (4.5')	Total/NA	Solid	5035	
880-53825-72	CS-72 (4.5')	Total/NA	Solid	5035	
880-53825-73	CS-73 (4.5')	Total/NA	Solid	5035	
880-53825-74	CS-74 (4.5')	Total/NA	Solid	5035	
880-53825-75	CS-75 (4.5')	Total/NA	Solid	5035	
880-53825-76	CS-76 (4.5')	Total/NA	Solid	5035	
880-53825-77	CS-77 (4.5')	Total/NA	Solid	5035	
880-53825-78	CS-78 (4.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 101644 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-79	CS-79 (4.5')	Total/NA	Solid	5035	
880-53825-80	CS-80 (4.5')	Total/NA	Solid	5035	
MB 880-101644/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-101644/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-101644/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-53825-61 MS	CS-61 (4.5')	Total/NA	Solid	5035	
880-53825-61 MSD	CS-61 (4.5')	Total/NA	Solid	5035	

Prep Batch: 101645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-81	CS-81 (4.5')	Total/NA	Solid	5035	
880-53825-82	CS-82 (4.5')	Total/NA	Solid	5035	
880-53825-83	CS-83 (4.5')	Total/NA	Solid	5035	
880-53825-84	CS-84 (4.5')	Total/NA	Solid	5035	
880-53825-85	CS-85 (4.5')	Total/NA	Solid	5035	
880-53825-86	CS-86 (4.5')	Total/NA	Solid	5035	
880-53825-87	CS-87 (4.5')	Total/NA	Solid	5035	
880-53825-88	CS-88 (4.5')	Total/NA	Solid	5035	
880-53825-89	CS-89 (4.5')	Total/NA	Solid	5035	
880-53825-90	CS-90 (4.5')	Total/NA	Solid	5035	
880-53825-91	CS-91 (4.5')	Total/NA	Solid	5035	
880-53825-92	CS-92 (4.5')	Total/NA	Solid	5035	
880-53825-93	CS-93 (4.5')	Total/NA	Solid	5035	
880-53825-94	CS-94 (4.5')	Total/NA	Solid	5035	
880-53825-95	CS-95 (4.5')	Total/NA	Solid	5035	
880-53825-96	CS-96 (4.5')	Total/NA	Solid	5035	
880-53825-97	CS-97 (4.5')	Total/NA	Solid	5035	
880-53825-98	CS-98 (4.5')	Total/NA	Solid	5035	
880-53825-99	CS-99 (4.5')	Total/NA	Solid	5035	
880-53825-100	CS-100 (4.5')	Total/NA	Solid	5035	
MB 880-101645/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-101645/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-101645/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-53825-81 MS	CS-81 (4.5')	Total/NA	Solid	5035	
880-53825-81 MSD	CS-81 (4.5')	Total/NA	Solid	5035	

Prep Batch: 101646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-101	CS-101 (4.5')	Total/NA	Solid	5035	
880-53825-102	CS-102 (4.5')	Total/NA	Solid	5035	
880-53825-103	CS-103 (4.5')	Total/NA	Solid	5035	
880-53825-104	CS-104 (4.5')	Total/NA	Solid	5035	
880-53825-105	CS-105 (4.5')	Total/NA	Solid	5035	
880-53825-106	CS-106 (4.5')	Total/NA	Solid	5035	
880-53825-107	CS-107 (4.5')	Total/NA	Solid	5035	
880-53825-108	SW-1 (4.5')	Total/NA	Solid	5035	
880-53825-109	SW-2 (4.5')	Total/NA	Solid	5035	
880-53825-110	SW-3 (4.5')	Total/NA	Solid	5035	
880-53825-111	SW-4 (4.5')	Total/NA	Solid	5035	
880-53825-112	SW-5 (4.5')	Total/NA	Solid	5035	
880-53825-113	SW-6 (4.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 101646 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-114	SW-7 (4.5')	Total/NA	Solid	5035	
880-53825-115	SW-8 (4.5')	Total/NA	Solid	5035	
880-53825-116	SW-9 (4.5')	Total/NA	Solid	5035	
880-53825-117	SW-10 (4.5')	Total/NA	Solid	5035	
880-53825-118	SW-11 (4.5')	Total/NA	Solid	5035	
880-53825-119	SW-12 (4.5')	Total/NA	Solid	5035	
880-53825-120	SW-13 (4.5')	Total/NA	Solid	5035	
MB 880-101646/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-101646/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-101646/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-53825-101 MS	CS-101 (4.5')	Total/NA	Solid	5035	
880-53825-101 MSD	CS-101 (4.5')	Total/NA	Solid	5035	

Prep Batch: 101647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-121	SW-14 (4.5')	Total/NA	Solid	5035	
880-53825-122	SW-15 (4.5')	Total/NA	Solid	5035	
880-53825-123	SW-16 (4.5')	Total/NA	Solid	5035	
880-53825-124	SW-17 (4.5')	Total/NA	Solid	5035	
880-53825-125	SW-18 (4.5')	Total/NA	Solid	5035	
880-53825-126	SW-19 (4.5')	Total/NA	Solid	5035	
880-53825-127	SW-20 (4.5')	Total/NA	Solid	5035	
880-53825-128	SW-21 (4.5')	Total/NA	Solid	5035	
880-53825-129	SW-22 (4.5')	Total/NA	Solid	5035	
880-53825-130	SW-23 (4.5')	Total/NA	Solid	5035	
880-53825-131	SW-24 (4.5')	Total/NA	Solid	5035	
880-53825-132	SW-25 (4.5')	Total/NA	Solid	5035	
880-53825-133	SW-26 (4.5')	Total/NA	Solid	5035	
880-53825-134	SW-27 (4.5')	Total/NA	Solid	5035	
880-53825-135	SW-28 (4.5')	Total/NA	Solid	5035	
880-53825-136	SW-29 (4.5')	Total/NA	Solid	5035	
880-53825-137	SW-30 (4.5')	Total/NA	Solid	5035	
880-53825-138	SW-31 (4.5')	Total/NA	Solid	5035	
880-53825-139	SW-32 (4.5')	Total/NA	Solid	5035	
880-53825-140	SW-33 (4.5')	Total/NA	Solid	5035	
MB 880-101647/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-101647/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-101647/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-53825-121 MS	SW-14 (4.5')	Total/NA	Solid	5035	
880-53825-121 MSD	SW-14 (4.5')	Total/NA	Solid	5035	

Prep Batch: 101653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-141	SW-34 (4.5')	Total/NA	Solid	5035	
880-53825-142	SW-35 (4.5')	Total/NA	Solid	5035	
880-53825-143	SW-36 (4.5')	Total/NA	Solid	5035	
880-53825-144	SW-37 (4.5')	Total/NA	Solid	5035	
880-53825-145	SW-38 (4.5')	Total/NA	Solid	5035	
MB 880-101653/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-101653/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-101653/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 101653 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-141 MS	SW-34 (4.5')	Total/NA	Solid	5035	
880-53825-141 MSD	SW-34 (4.5')	Total/NA	Solid	5035	

Analysis Batch: 101656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-121	SW-14 (4.5')	Total/NA	Solid	8021B	101647
880-53825-122	SW-15 (4.5')	Total/NA	Solid	8021B	101647
880-53825-123	SW-16 (4.5')	Total/NA	Solid	8021B	101647
880-53825-124	SW-17 (4.5')	Total/NA	Solid	8021B	101647
880-53825-125	SW-18 (4.5')	Total/NA	Solid	8021B	101647
880-53825-126	SW-19 (4.5')	Total/NA	Solid	8021B	101647
880-53825-127	SW-20 (4.5')	Total/NA	Solid	8021B	101647
880-53825-128	SW-21 (4.5')	Total/NA	Solid	8021B	101647
880-53825-129	SW-22 (4.5')	Total/NA	Solid	8021B	101647
880-53825-130	SW-23 (4.5')	Total/NA	Solid	8021B	101647
880-53825-131	SW-24 (4.5')	Total/NA	Solid	8021B	101647
880-53825-132	SW-25 (4.5')	Total/NA	Solid	8021B	101647
880-53825-133	SW-26 (4.5')	Total/NA	Solid	8021B	101647
880-53825-134	SW-27 (4.5')	Total/NA	Solid	8021B	101647
880-53825-135	SW-28 (4.5')	Total/NA	Solid	8021B	101647
880-53825-136	SW-29 (4.5')	Total/NA	Solid	8021B	101647
880-53825-137	SW-30 (4.5')	Total/NA	Solid	8021B	101647
880-53825-138	SW-31 (4.5')	Total/NA	Solid	8021B	101647
880-53825-139	SW-32 (4.5')	Total/NA	Solid	8021B	101647
880-53825-140	SW-33 (4.5')	Total/NA	Solid	8021B	101647
MB 880-101647/5-A	Method Blank	Total/NA	Solid	8021B	101647
LCS 880-101647/1-A	Lab Control Sample	Total/NA	Solid	8021B	101647
LCSD 880-101647/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101647
880-53825-121 MS	SW-14 (4.5')	Total/NA	Solid	8021B	101647
880-53825-121 MSD	SW-14 (4.5')	Total/NA	Solid	8021B	101647

Analysis Batch: 101671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-41	CS-41 (4.5')	Total/NA	Solid	8021B	101643
880-53825-42	CS-42 (4.5')	Total/NA	Solid	8021B	101643
880-53825-43	CS-43 (4.5')	Total/NA	Solid	8021B	101643
880-53825-44	CS-44 (4.5')	Total/NA	Solid	8021B	101643
880-53825-45	CS-45 (4.5')	Total/NA	Solid	8021B	101643
880-53825-46	CS-46 (4.5')	Total/NA	Solid	8021B	101643
880-53825-47	CS-47 (4.5')	Total/NA	Solid	8021B	101643
880-53825-48	CS-48 (4.5')	Total/NA	Solid	8021B	101643
880-53825-49	CS-49 (4.5')	Total/NA	Solid	8021B	101643
880-53825-50	CS-50 (4.5')	Total/NA	Solid	8021B	101643
880-53825-51	CS-51 (4.5')	Total/NA	Solid	8021B	101643
880-53825-52	CS-52 (4.5')	Total/NA	Solid	8021B	101643
880-53825-53	CS-53 (4.5')	Total/NA	Solid	8021B	101643
880-53825-54	CS-54 (4.5')	Total/NA	Solid	8021B	101643
880-53825-55	CS-55 (4.5')	Total/NA	Solid	8021B	101643
880-53825-56	CS-56 (4.5')	Total/NA	Solid	8021B	101643
880-53825-57	CS-57 (4.5')	Total/NA	Solid	8021B	101643
880-53825-58	CS-58 (4.5')	Total/NA	Solid	8021B	101643

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 101671 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-59	CS-59 (4.5')	Total/NA	Solid	8021B	101643
880-53825-60	CS-60 (4.5')	Total/NA	Solid	8021B	101643
MB 880-101643/5-A	Method Blank	Total/NA	Solid	8021B	101643
LCS 880-101643/1-A	Lab Control Sample	Total/NA	Solid	8021B	101643
LCSD 880-101643/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101643
880-53825-41 MS	CS-41 (4.5')	Total/NA	Solid	8021B	101643
880-53825-41 MSD	CS-41 (4.5')	Total/NA	Solid	8021B	101643

Analysis Batch: 101706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-141	SW-34 (4.5')	Total/NA	Solid	8021B	101653
880-53825-142	SW-35 (4.5')	Total/NA	Solid	8021B	101653
880-53825-143	SW-36 (4.5')	Total/NA	Solid	8021B	101653
880-53825-144	SW-37 (4.5')	Total/NA	Solid	8021B	101653
880-53825-145	SW-38 (4.5')	Total/NA	Solid	8021B	101653
MB 880-101653/5-A	Method Blank	Total/NA	Solid	8021B	101653
LCS 880-101653/1-A	Lab Control Sample	Total/NA	Solid	8021B	101653
LCSD 880-101653/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101653
880-53825-141 MS	SW-34 (4.5')	Total/NA	Solid	8021B	101653
880-53825-141 MSD	SW-34 (4.5')	Total/NA	Solid	8021B	101653

Analysis Batch: 101708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-1	CS-1 (4.5')	Total/NA	Solid	8021B	101640
880-53825-2	CS-2 (4.5')	Total/NA	Solid	8021B	101640
880-53825-3	CS-3 (4.5')	Total/NA	Solid	8021B	101640
880-53825-4	CS-4 (4.5')	Total/NA	Solid	8021B	101640
880-53825-5	CS-5 (4.5')	Total/NA	Solid	8021B	101640
880-53825-6	CS-6 (4.5')	Total/NA	Solid	8021B	101640
880-53825-7	CS-7 (4.5')	Total/NA	Solid	8021B	101640
880-53825-8	CS-8 (4.5')	Total/NA	Solid	8021B	101640
880-53825-9	CS-9 (4.5')	Total/NA	Solid	8021B	101640
880-53825-10	CS-10 (4.5')	Total/NA	Solid	8021B	101640
880-53825-11	CS-11 (4.5')	Total/NA	Solid	8021B	101640
880-53825-12	CS-12 (4.5')	Total/NA	Solid	8021B	101640
880-53825-13	CS-13 (4.5')	Total/NA	Solid	8021B	101640
880-53825-14	CS-14 (4.5')	Total/NA	Solid	8021B	101640
880-53825-15	CS-15 (4.5')	Total/NA	Solid	8021B	101640
880-53825-16	CS-16 (4.5')	Total/NA	Solid	8021B	101640
880-53825-17	CS-17 (4.5')	Total/NA	Solid	8021B	101640
880-53825-18	CS-18 (4.5')	Total/NA	Solid	8021B	101640
880-53825-19	CS-19 (4.5')	Total/NA	Solid	8021B	101640
880-53825-20	CS-20 (4.5')	Total/NA	Solid	8021B	101640
MB 880-101640/5-A	Method Blank	Total/NA	Solid	8021B	101640
LCS 880-101640/1-A	Lab Control Sample	Total/NA	Solid	8021B	101640
LCSD 880-101640/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101640
880-53825-1 MS	CS-1 (4.5')	Total/NA	Solid	8021B	101640
880-53825-1 MSD	CS-1 (4.5')	Total/NA	Solid	8021B	101640

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 101709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-61	CS-61 (4.5')	Total/NA	Solid	8021B	101644
880-53825-62	CS-62 (4.5')	Total/NA	Solid	8021B	101644
880-53825-63	CS-63 (4.5')	Total/NA	Solid	8021B	101644
880-53825-64	CS-64 (4.5')	Total/NA	Solid	8021B	101644
880-53825-65	CS-65 (4.5')	Total/NA	Solid	8021B	101644
880-53825-66	CS-66 (4.5')	Total/NA	Solid	8021B	101644
880-53825-67	CS-67 (4.5')	Total/NA	Solid	8021B	101644
880-53825-68	CS-68 (4.5')	Total/NA	Solid	8021B	101644
880-53825-69	CS-69 (4.5')	Total/NA	Solid	8021B	101644
880-53825-70	CS-70 (4.5')	Total/NA	Solid	8021B	101644
880-53825-71	CS-71 (4.5')	Total/NA	Solid	8021B	101644
880-53825-72	CS-72 (4.5')	Total/NA	Solid	8021B	101644
880-53825-73	CS-73 (4.5')	Total/NA	Solid	8021B	101644
880-53825-74	CS-74 (4.5')	Total/NA	Solid	8021B	101644
880-53825-75	CS-75 (4.5')	Total/NA	Solid	8021B	101644
880-53825-76	CS-76 (4.5')	Total/NA	Solid	8021B	101644
880-53825-77	CS-77 (4.5')	Total/NA	Solid	8021B	101644
880-53825-78	CS-78 (4.5')	Total/NA	Solid	8021B	101644
880-53825-79	CS-79 (4.5')	Total/NA	Solid	8021B	101644
880-53825-80	CS-80 (4.5')	Total/NA	Solid	8021B	101644
MB 880-101644/5-A	Method Blank	Total/NA	Solid	8021B	101644
LCS 880-101644/1-A	Lab Control Sample	Total/NA	Solid	8021B	101644
LCSD 880-101644/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101644
880-53825-61 MS	CS-61 (4.5')	Total/NA	Solid	8021B	101644
880-53825-61 MSD	CS-61 (4.5')	Total/NA	Solid	8021B	101644

Analysis Batch: 101710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-21	CS-21 (4.5')	Total/NA	Solid	8021B	101642
880-53825-22	CS-22 (4.5')	Total/NA	Solid	8021B	101642
880-53825-23	CS-23 (4.5')	Total/NA	Solid	8021B	101642
880-53825-24	CS-24 (4.5')	Total/NA	Solid	8021B	101642
880-53825-25	CS-25 (4.5')	Total/NA	Solid	8021B	101642
880-53825-26	CS-26 (4.5')	Total/NA	Solid	8021B	101642
880-53825-27	CS-27 (4.5')	Total/NA	Solid	8021B	101642
880-53825-28	CS-28 (4.5')	Total/NA	Solid	8021B	101642
880-53825-29	CS-29 (4.5')	Total/NA	Solid	8021B	101642
880-53825-30	CS-30 (4.5')	Total/NA	Solid	8021B	101642
880-53825-31	CS-31 (4.5')	Total/NA	Solid	8021B	101642
880-53825-32	CS-32 (4.5')	Total/NA	Solid	8021B	101642
880-53825-33	CS-33 (4.5')	Total/NA	Solid	8021B	101642
880-53825-34	CS-34 (4.5')	Total/NA	Solid	8021B	101642
880-53825-35	CS-35 (4.5')	Total/NA	Solid	8021B	101642
880-53825-36	CS-36 (4.5')	Total/NA	Solid	8021B	101642
880-53825-37	CS-37 (4.5')	Total/NA	Solid	8021B	101642
880-53825-38	CS-38 (4.5')	Total/NA	Solid	8021B	101642
880-53825-39	CS-39 (4.5')	Total/NA	Solid	8021B	101642
880-53825-40	CS-40 (4.5')	Total/NA	Solid	8021B	101642
MB 880-101642/5-A	Method Blank	Total/NA	Solid	8021B	101642
LCS 880-101642/1-A	Lab Control Sample	Total/NA	Solid	8021B	101642
LCSD 880-101642/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101642

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 101710 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-21 MS	CS-21 (4.5')	Total/NA	Solid	8021B	101642
880-53825-21 MSD	CS-21 (4.5')	Total/NA	Solid	8021B	101642

Analysis Batch: 101711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-81	CS-81 (4.5')	Total/NA	Solid	8021B	101645
880-53825-82	CS-82 (4.5')	Total/NA	Solid	8021B	101645
880-53825-83	CS-83 (4.5')	Total/NA	Solid	8021B	101645
880-53825-84	CS-84 (4.5')	Total/NA	Solid	8021B	101645
880-53825-85	CS-85 (4.5')	Total/NA	Solid	8021B	101645
880-53825-86	CS-86 (4.5')	Total/NA	Solid	8021B	101645
880-53825-87	CS-87 (4.5')	Total/NA	Solid	8021B	101645
880-53825-88	CS-88 (4.5')	Total/NA	Solid	8021B	101645
880-53825-89	CS-89 (4.5')	Total/NA	Solid	8021B	101645
880-53825-90	CS-90 (4.5')	Total/NA	Solid	8021B	101645
880-53825-91	CS-91 (4.5')	Total/NA	Solid	8021B	101645
880-53825-92	CS-92 (4.5')	Total/NA	Solid	8021B	101645
880-53825-93	CS-93 (4.5')	Total/NA	Solid	8021B	101645
880-53825-94	CS-94 (4.5')	Total/NA	Solid	8021B	101645
880-53825-95	CS-95 (4.5')	Total/NA	Solid	8021B	101645
880-53825-96	CS-96 (4.5')	Total/NA	Solid	8021B	101645
880-53825-97	CS-97 (4.5')	Total/NA	Solid	8021B	101645
880-53825-98	CS-98 (4.5')	Total/NA	Solid	8021B	101645
880-53825-99	CS-99 (4.5')	Total/NA	Solid	8021B	101645
880-53825-100	CS-100 (4.5')	Total/NA	Solid	8021B	101645
MB 880-101645/5-A	Method Blank	Total/NA	Solid	8021B	101645
LCS 880-101645/1-A	Lab Control Sample	Total/NA	Solid	8021B	101645
LCSD 880-101645/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101645
880-53825-81 MS	CS-81 (4.5')	Total/NA	Solid	8021B	101645
880-53825-81 MSD	CS-81 (4.5')	Total/NA	Solid	8021B	101645

Analysis Batch: 101712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-101	CS-101 (4.5')	Total/NA	Solid	8021B	101646
880-53825-102	CS-102 (4.5')	Total/NA	Solid	8021B	101646
880-53825-103	CS-103 (4.5')	Total/NA	Solid	8021B	101646
880-53825-104	CS-104 (4.5')	Total/NA	Solid	8021B	101646
880-53825-105	CS-105 (4.5')	Total/NA	Solid	8021B	101646
880-53825-106	CS-106 (4.5')	Total/NA	Solid	8021B	101646
880-53825-107	CS-107 (4.5')	Total/NA	Solid	8021B	101646
880-53825-108	SW-1 (4.5')	Total/NA	Solid	8021B	101646
880-53825-109	SW-2 (4.5')	Total/NA	Solid	8021B	101646
880-53825-110	SW-3 (4.5')	Total/NA	Solid	8021B	101646
880-53825-111	SW-4 (4.5')	Total/NA	Solid	8021B	101646
880-53825-112	SW-5 (4.5')	Total/NA	Solid	8021B	101646
880-53825-113	SW-6 (4.5')	Total/NA	Solid	8021B	101646
880-53825-114	SW-7 (4.5')	Total/NA	Solid	8021B	101646
880-53825-115	SW-8 (4.5')	Total/NA	Solid	8021B	101646
880-53825-116	SW-9 (4.5')	Total/NA	Solid	8021B	101646
880-53825-117	SW-10 (4.5')	Total/NA	Solid	8021B	101646
880-53825-118	SW-11 (4.5')	Total/NA	Solid	8021B	101646

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 101712 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-119	SW-12 (4.5')	Total/NA	Solid	8021B	101646
880-53825-120	SW-13 (4.5')	Total/NA	Solid	8021B	101646
MB 880-101646/5-A	Method Blank	Total/NA	Solid	8021B	101646
LCS 880-101646/1-A	Lab Control Sample	Total/NA	Solid	8021B	101646
LCSD 880-101646/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101646
880-53825-101 MS	CS-101 (4.5')	Total/NA	Solid	8021B	101646
880-53825-101 MSD	CS-101 (4.5')	Total/NA	Solid	8021B	101646

Analysis Batch: 101750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-1	CS-1 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-2	CS-2 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-3	CS-3 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-4	CS-4 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-5	CS-5 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-6	CS-6 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-7	CS-7 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-8	CS-8 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-9	CS-9 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-10	CS-10 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-11	CS-11 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-12	CS-12 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-13	CS-13 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-14	CS-14 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-15	CS-15 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-16	CS-16 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-17	CS-17 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-18	CS-18 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-19	CS-19 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-20	CS-20 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-21	CS-21 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-22	CS-22 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-23	CS-23 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-24	CS-24 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-25	CS-25 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-26	CS-26 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-27	CS-27 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-28	CS-28 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-29	CS-29 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-30	CS-30 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-31	CS-31 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-32	CS-32 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-33	CS-33 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-34	CS-34 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-35	CS-35 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-36	CS-36 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-37	CS-37 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-38	CS-38 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-39	CS-39 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-40	CS-40 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-41	CS-41 (4.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 101750 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-42	CS-42 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-43	CS-43 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-44	CS-44 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-45	CS-45 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-46	CS-46 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-47	CS-47 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-48	CS-48 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-49	CS-49 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-50	CS-50 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-51	CS-51 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-52	CS-52 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-53	CS-53 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-54	CS-54 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-55	CS-55 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-56	CS-56 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-57	CS-57 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-58	CS-58 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-59	CS-59 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-60	CS-60 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-61	CS-61 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-62	CS-62 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-63	CS-63 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-64	CS-64 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-65	CS-65 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-66	CS-66 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-67	CS-67 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-68	CS-68 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-69	CS-69 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-70	CS-70 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-71	CS-71 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-72	CS-72 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-73	CS-73 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-74	CS-74 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-75	CS-75 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-76	CS-76 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-77	CS-77 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-78	CS-78 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-79	CS-79 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-80	CS-80 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-81	CS-81 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-82	CS-82 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-83	CS-83 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-84	CS-84 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-85	CS-85 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-86	CS-86 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-87	CS-87 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-88	CS-88 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-89	CS-89 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-90	CS-90 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-91	CS-91 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-92	CS-92 (4.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 101750 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-93	CS-93 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-94	CS-94 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-95	CS-95 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-96	CS-96 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-97	CS-97 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-98	CS-98 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-99	CS-99 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-100	CS-100 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-101	CS-101 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-102	CS-102 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-103	CS-103 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-104	CS-104 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-105	CS-105 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-106	CS-106 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-107	CS-107 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-108	SW-1 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-109	SW-2 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-110	SW-3 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-111	SW-4 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-112	SW-5 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-113	SW-6 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-114	SW-7 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-115	SW-8 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-116	SW-9 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-117	SW-10 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-118	SW-11 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-119	SW-12 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-120	SW-13 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-121	SW-14 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-122	SW-15 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-123	SW-16 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-124	SW-17 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-125	SW-18 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-126	SW-19 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-127	SW-20 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-128	SW-21 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-129	SW-22 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-130	SW-23 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-131	SW-24 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-132	SW-25 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-133	SW-26 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-134	SW-27 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-135	SW-28 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-136	SW-29 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-137	SW-30 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-138	SW-31 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-139	SW-32 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-140	SW-33 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-141	SW-34 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-142	SW-35 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-143	SW-36 (4.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 101750 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-144	SW-37 (4.5')	Total/NA	Solid	Total BTEX	
880-53825-145	SW-38 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 101561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-1	CS-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-2	CS-2 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-3	CS-3 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-4	CS-4 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-101561/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101561/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101561/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-53820-A-4-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-53820-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 101581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-23	CS-23 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-24	CS-24 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-25	CS-25 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-26	CS-26 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-27	CS-27 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-28	CS-28 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-29	CS-29 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-30	CS-30 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-31	CS-31 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-32	CS-32 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-33	CS-33 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-34	CS-34 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-35	CS-35 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-36	CS-36 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-37	CS-37 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-38	CS-38 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-39	CS-39 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-40	CS-40 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-41	CS-41 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-42	CS-42 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-101581/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101581/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101581/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-53825-23 MS	CS-23 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-23 MSD	CS-23 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 101582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-43	CS-43 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-44	CS-44 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-45	CS-45 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-46	CS-46 (4.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 101582 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-47	CS-47 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-48	CS-48 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-49	CS-49 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-50	CS-50 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-51	CS-51 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-52	CS-52 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-53	CS-53 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-54	CS-54 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-55	CS-55 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-56	CS-56 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-57	CS-57 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-58	CS-58 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-59	CS-59 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-60	CS-60 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-61	CS-61 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-62	CS-62 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-101582/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101582/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101582/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-53825-43 MS	CS-43 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-43 MSD	CS-43 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 101583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-63	CS-63 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-64	CS-64 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-65	CS-65 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-66	CS-66 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-67	CS-67 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-68	CS-68 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-69	CS-69 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-70	CS-70 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-71	CS-71 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-72	CS-72 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-73	CS-73 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-74	CS-74 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-75	CS-75 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-76	CS-76 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-77	CS-77 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-78	CS-78 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-79	CS-79 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-80	CS-80 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-81	CS-81 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-82	CS-82 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-101583/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101583/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101583/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-53825-63 MS	CS-63 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-63 MSD	CS-63 (4.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC Semi VOA

Prep Batch: 101584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-83	CS-83 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-84	CS-84 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-85	CS-85 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-86	CS-86 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-87	CS-87 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-88	CS-88 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-89	CS-89 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-90	CS-90 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-91	CS-91 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-92	CS-92 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-93	CS-93 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-94	CS-94 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-95	CS-95 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-96	CS-96 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-97	CS-97 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-98	CS-98 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-99	CS-99 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-100	CS-100 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-101	CS-101 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-102	CS-102 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-101584/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101584/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101584/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-53825-83 MS	CS-83 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-83 MSD	CS-83 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 101587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-103	CS-103 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-104	CS-104 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-105	CS-105 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-106	CS-106 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-107	CS-107 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-108	SW-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-109	SW-2 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-110	SW-3 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-111	SW-4 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-112	SW-5 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-113	SW-6 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-114	SW-7 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-115	SW-8 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-116	SW-9 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-117	SW-10 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-118	SW-11 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-119	SW-12 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-120	SW-13 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-121	SW-14 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-122	SW-15 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-101587/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101587/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101587/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 101587 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-103 MS	CS-103 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-103 MSD	CS-103 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 101589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-123	SW-16 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-124	SW-17 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-125	SW-18 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-126	SW-19 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-127	SW-20 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-128	SW-21 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-129	SW-22 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-130	SW-23 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-131	SW-24 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-132	SW-25 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-133	SW-26 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-134	SW-27 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-135	SW-28 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-136	SW-29 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-137	SW-30 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-138	SW-31 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-139	SW-32 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-140	SW-33 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-141	SW-34 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-142	SW-35 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-101589/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101589/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101589/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-53825-123 MS	SW-16 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-123 MSD	SW-16 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 101683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-143	SW-36 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-144	SW-37 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-101683/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101683/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101683/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7617-A-8-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7617-A-8-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 101724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-143	SW-36 (4.5')	Total/NA	Solid	8015B NM	101683
880-53825-144	SW-37 (4.5')	Total/NA	Solid	8015B NM	101683
MB 880-101683/1-A	Method Blank	Total/NA	Solid	8015B NM	101683
LCS 880-101683/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101683
LCSD 880-101683/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101683
890-7617-A-8-B MS	Matrix Spike	Total/NA	Solid	8015B NM	101683
890-7617-A-8-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	101683

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC Semi VOA

Analysis Batch: 101726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-1	CS-1 (4.5')	Total/NA	Solid	8015B NM	101561
880-53825-2	CS-2 (4.5')	Total/NA	Solid	8015B NM	101561
880-53825-3	CS-3 (4.5')	Total/NA	Solid	8015B NM	101561
880-53825-4	CS-4 (4.5')	Total/NA	Solid	8015B NM	101561
880-53825-145	SW-38 (4.5')	Total/NA	Solid	8015B NM	101727
MB 880-101561/1-A	Method Blank	Total/NA	Solid	8015B NM	101561
MB 880-101727/1-A	Method Blank	Total/NA	Solid	8015B NM	101727
LCS 880-101561/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101561
LCS 880-101727/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101727
LCSD 880-101561/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101561
LCSD 880-101727/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101727
880-53820-A-4-B MS	Matrix Spike	Total/NA	Solid	8015B NM	101561
880-53820-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	101561
890-7614-A-12-F MS	Matrix Spike	Total/NA	Solid	8015B NM	101727
890-7614-A-12-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	101727

Prep Batch: 101727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-145	SW-38 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-101727/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101727/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101727/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7614-A-12-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7614-A-12-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 101813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-23	CS-23 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-24	CS-24 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-25	CS-25 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-26	CS-26 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-27	CS-27 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-28	CS-28 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-29	CS-29 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-30	CS-30 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-31	CS-31 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-32	CS-32 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-33	CS-33 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-34	CS-34 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-35	CS-35 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-36	CS-36 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-37	CS-37 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-38	CS-38 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-39	CS-39 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-40	CS-40 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-41	CS-41 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-42	CS-42 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-43	CS-43 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-44	CS-44 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-45	CS-45 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-46	CS-46 (4.5')	Total/NA	Solid	8015B NM	101582

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QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 101813 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-47	CS-47 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-48	CS-48 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-49	CS-49 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-50	CS-50 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-51	CS-51 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-52	CS-52 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-53	CS-53 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-54	CS-54 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-55	CS-55 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-56	CS-56 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-57	CS-57 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-58	CS-58 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-59	CS-59 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-60	CS-60 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-61	CS-61 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-62	CS-62 (4.5')	Total/NA	Solid	8015B NM	101582
MB 880-101581/1-A	Method Blank	Total/NA	Solid	8015B NM	101581
MB 880-101582/1-A	Method Blank	Total/NA	Solid	8015B NM	101582
LCS 880-101581/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101581
LCS 880-101582/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101582
LCSD 880-101581/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101581
LCSD 880-101582/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101582
880-53825-23 MS	CS-23 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-23 MSD	CS-23 (4.5')	Total/NA	Solid	8015B NM	101581
880-53825-43 MS	CS-43 (4.5')	Total/NA	Solid	8015B NM	101582
880-53825-43 MSD	CS-43 (4.5')	Total/NA	Solid	8015B NM	101582

Analysis Batch: 101816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-63	CS-63 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-64	CS-64 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-65	CS-65 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-66	CS-66 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-67	CS-67 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-68	CS-68 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-69	CS-69 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-70	CS-70 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-71	CS-71 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-72	CS-72 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-73	CS-73 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-74	CS-74 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-75	CS-75 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-76	CS-76 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-77	CS-77 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-78	CS-78 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-79	CS-79 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-80	CS-80 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-81	CS-81 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-82	CS-82 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-83	CS-83 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-84	CS-84 (4.5')	Total/NA	Solid	8015B NM	101584

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 101816 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-85	CS-85 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-86	CS-86 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-87	CS-87 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-88	CS-88 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-89	CS-89 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-90	CS-90 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-91	CS-91 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-92	CS-92 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-93	CS-93 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-94	CS-94 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-95	CS-95 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-96	CS-96 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-97	CS-97 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-98	CS-98 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-99	CS-99 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-100	CS-100 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-101	CS-101 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-102	CS-102 (4.5')	Total/NA	Solid	8015B NM	101584
MB 880-101583/1-A	Method Blank	Total/NA	Solid	8015B NM	101583
MB 880-101584/1-A	Method Blank	Total/NA	Solid	8015B NM	101584
LCS 880-101583/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101583
LCS 880-101584/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101584
LCSD 880-101583/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101583
LCSD 880-101584/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101584
880-53825-63 MS	CS-63 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-63 MSD	CS-63 (4.5')	Total/NA	Solid	8015B NM	101583
880-53825-83 MS	CS-83 (4.5')	Total/NA	Solid	8015B NM	101584
880-53825-83 MSD	CS-83 (4.5')	Total/NA	Solid	8015B NM	101584

Prep Batch: 101833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-9	CS-9 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-10	CS-10 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-11	CS-11 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-101833/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101833/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101833/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7619-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7619-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 101834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-12	CS-12 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-13	CS-13 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-14	CS-14 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-101834/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101834/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101834/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7619-A-12-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7619-A-12-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC Semi VOA

Prep Batch: 101835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-15	CS-15 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-16	CS-16 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-17	CS-17 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-18	CS-18 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-19	CS-19 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-101835/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101835/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101835/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7620-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7620-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 101836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-5	CS-5 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-6	CS-6 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-7	CS-7 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-8	CS-8 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-20	CS-20 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-21	CS-21 (4.5')	Total/NA	Solid	8015NM Prep	
880-53825-22	CS-22 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-101836/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101836/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101836/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7620-A-9-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7620-A-9-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 101848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-9	CS-9 (4.5')	Total/NA	Solid	8015B NM	101833
880-53825-10	CS-10 (4.5')	Total/NA	Solid	8015B NM	101833
880-53825-11	CS-11 (4.5')	Total/NA	Solid	8015B NM	101833
880-53825-103	CS-103 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-104	CS-104 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-105	CS-105 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-106	CS-106 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-107	CS-107 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-108	SW-1 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-109	SW-2 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-110	SW-3 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-111	SW-4 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-112	SW-5 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-113	SW-6 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-114	SW-7 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-115	SW-8 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-116	SW-9 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-117	SW-10 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-118	SW-11 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-119	SW-12 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-120	SW-13 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-121	SW-14 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-122	SW-15 (4.5')	Total/NA	Solid	8015B NM	101587

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 101848 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-123	SW-16 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-124	SW-17 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-125	SW-18 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-126	SW-19 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-127	SW-20 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-128	SW-21 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-129	SW-22 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-130	SW-23 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-131	SW-24 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-132	SW-25 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-133	SW-26 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-134	SW-27 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-135	SW-28 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-136	SW-29 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-137	SW-30 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-138	SW-31 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-139	SW-32 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-140	SW-33 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-141	SW-34 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-142	SW-35 (4.5')	Total/NA	Solid	8015B NM	101589
MB 880-101587/1-A	Method Blank	Total/NA	Solid	8015B NM	101587
MB 880-101589/1-A	Method Blank	Total/NA	Solid	8015B NM	101589
MB 880-101833/1-A	Method Blank	Total/NA	Solid	8015B NM	101833
LCS 880-101587/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101587
LCS 880-101589/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101589
LCS 880-101833/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101833
LCSD 880-101587/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101587
LCSD 880-101589/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101589
LCSD 880-101833/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101833
880-53825-103 MS	CS-103 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-103 MSD	CS-103 (4.5')	Total/NA	Solid	8015B NM	101587
880-53825-123 MS	SW-16 (4.5')	Total/NA	Solid	8015B NM	101589
880-53825-123 MSD	SW-16 (4.5')	Total/NA	Solid	8015B NM	101589
890-7619-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	101833
890-7619-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	101833

Analysis Batch: 101850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-12	CS-12 (4.5')	Total/NA	Solid	8015B NM	101834
880-53825-13	CS-13 (4.5')	Total/NA	Solid	8015B NM	101834
880-53825-14	CS-14 (4.5')	Total/NA	Solid	8015B NM	101834
MB 880-101834/1-A	Method Blank	Total/NA	Solid	8015B NM	101834
LCS 880-101834/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101834
LCSD 880-101834/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101834
890-7619-A-12-D MS	Matrix Spike	Total/NA	Solid	8015B NM	101834
890-7619-A-12-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	101834

Analysis Batch: 101852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-15	CS-15 (4.5')	Total/NA	Solid	8015B NM	101835
880-53825-16	CS-16 (4.5')	Total/NA	Solid	8015B NM	101835

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 101852 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-17	CS-17 (4.5')	Total/NA	Solid	8015B NM	101835
880-53825-18	CS-18 (4.5')	Total/NA	Solid	8015B NM	101835
880-53825-19	CS-19 (4.5')	Total/NA	Solid	8015B NM	101835
MB 880-101835/1-A	Method Blank	Total/NA	Solid	8015B NM	101835
LCS 880-101835/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101835
LCSD 880-101835/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101835
890-7620-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	101835
890-7620-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	101835

Analysis Batch: 101854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-5	CS-5 (4.5')	Total/NA	Solid	8015B NM	101836
880-53825-6	CS-6 (4.5')	Total/NA	Solid	8015B NM	101836
880-53825-7	CS-7 (4.5')	Total/NA	Solid	8015B NM	101836
880-53825-8	CS-8 (4.5')	Total/NA	Solid	8015B NM	101836
880-53825-20	CS-20 (4.5')	Total/NA	Solid	8015B NM	101836
880-53825-21	CS-21 (4.5')	Total/NA	Solid	8015B NM	101836
880-53825-22	CS-22 (4.5')	Total/NA	Solid	8015B NM	101836
MB 880-101836/1-A	Method Blank	Total/NA	Solid	8015B NM	101836
LCS 880-101836/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101836
LCSD 880-101836/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101836
890-7620-A-9-D MS	Matrix Spike	Total/NA	Solid	8015B NM	101836
890-7620-A-9-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	101836

Analysis Batch: 101875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-1	CS-1 (4.5')	Total/NA	Solid	8015 NM	
880-53825-2	CS-2 (4.5')	Total/NA	Solid	8015 NM	
880-53825-3	CS-3 (4.5')	Total/NA	Solid	8015 NM	
880-53825-4	CS-4 (4.5')	Total/NA	Solid	8015 NM	
880-53825-5	CS-5 (4.5')	Total/NA	Solid	8015 NM	
880-53825-6	CS-6 (4.5')	Total/NA	Solid	8015 NM	
880-53825-7	CS-7 (4.5')	Total/NA	Solid	8015 NM	
880-53825-8	CS-8 (4.5')	Total/NA	Solid	8015 NM	
880-53825-9	CS-9 (4.5')	Total/NA	Solid	8015 NM	
880-53825-10	CS-10 (4.5')	Total/NA	Solid	8015 NM	
880-53825-11	CS-11 (4.5')	Total/NA	Solid	8015 NM	
880-53825-12	CS-12 (4.5')	Total/NA	Solid	8015 NM	
880-53825-13	CS-13 (4.5')	Total/NA	Solid	8015 NM	
880-53825-14	CS-14 (4.5')	Total/NA	Solid	8015 NM	
880-53825-15	CS-15 (4.5')	Total/NA	Solid	8015 NM	
880-53825-16	CS-16 (4.5')	Total/NA	Solid	8015 NM	
880-53825-17	CS-17 (4.5')	Total/NA	Solid	8015 NM	
880-53825-18	CS-18 (4.5')	Total/NA	Solid	8015 NM	
880-53825-19	CS-19 (4.5')	Total/NA	Solid	8015 NM	
880-53825-20	CS-20 (4.5')	Total/NA	Solid	8015 NM	
880-53825-21	CS-21 (4.5')	Total/NA	Solid	8015 NM	
880-53825-22	CS-22 (4.5')	Total/NA	Solid	8015 NM	
880-53825-23	CS-23 (4.5')	Total/NA	Solid	8015 NM	
880-53825-24	CS-24 (4.5')	Total/NA	Solid	8015 NM	
880-53825-25	CS-25 (4.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 101875 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-26	CS-26 (4.5')	Total/NA	Solid	8015 NM	
880-53825-27	CS-27 (4.5')	Total/NA	Solid	8015 NM	
880-53825-28	CS-28 (4.5')	Total/NA	Solid	8015 NM	
880-53825-29	CS-29 (4.5')	Total/NA	Solid	8015 NM	
880-53825-30	CS-30 (4.5')	Total/NA	Solid	8015 NM	
880-53825-31	CS-31 (4.5')	Total/NA	Solid	8015 NM	
880-53825-32	CS-32 (4.5')	Total/NA	Solid	8015 NM	
880-53825-33	CS-33 (4.5')	Total/NA	Solid	8015 NM	
880-53825-34	CS-34 (4.5')	Total/NA	Solid	8015 NM	
880-53825-35	CS-35 (4.5')	Total/NA	Solid	8015 NM	
880-53825-36	CS-36 (4.5')	Total/NA	Solid	8015 NM	
880-53825-37	CS-37 (4.5')	Total/NA	Solid	8015 NM	
880-53825-38	CS-38 (4.5')	Total/NA	Solid	8015 NM	
880-53825-39	CS-39 (4.5')	Total/NA	Solid	8015 NM	
880-53825-40	CS-40 (4.5')	Total/NA	Solid	8015 NM	
880-53825-41	CS-41 (4.5')	Total/NA	Solid	8015 NM	
880-53825-42	CS-42 (4.5')	Total/NA	Solid	8015 NM	
880-53825-43	CS-43 (4.5')	Total/NA	Solid	8015 NM	
880-53825-44	CS-44 (4.5')	Total/NA	Solid	8015 NM	
880-53825-45	CS-45 (4.5')	Total/NA	Solid	8015 NM	
880-53825-46	CS-46 (4.5')	Total/NA	Solid	8015 NM	
880-53825-47	CS-47 (4.5')	Total/NA	Solid	8015 NM	
880-53825-48	CS-48 (4.5')	Total/NA	Solid	8015 NM	
880-53825-49	CS-49 (4.5')	Total/NA	Solid	8015 NM	
880-53825-50	CS-50 (4.5')	Total/NA	Solid	8015 NM	
880-53825-51	CS-51 (4.5')	Total/NA	Solid	8015 NM	
880-53825-52	CS-52 (4.5')	Total/NA	Solid	8015 NM	
880-53825-53	CS-53 (4.5')	Total/NA	Solid	8015 NM	
880-53825-54	CS-54 (4.5')	Total/NA	Solid	8015 NM	
880-53825-55	CS-55 (4.5')	Total/NA	Solid	8015 NM	
880-53825-56	CS-56 (4.5')	Total/NA	Solid	8015 NM	
880-53825-57	CS-57 (4.5')	Total/NA	Solid	8015 NM	
880-53825-58	CS-58 (4.5')	Total/NA	Solid	8015 NM	
880-53825-59	CS-59 (4.5')	Total/NA	Solid	8015 NM	
880-53825-60	CS-60 (4.5')	Total/NA	Solid	8015 NM	
880-53825-61	CS-61 (4.5')	Total/NA	Solid	8015 NM	
880-53825-62	CS-62 (4.5')	Total/NA	Solid	8015 NM	
880-53825-63	CS-63 (4.5')	Total/NA	Solid	8015 NM	
880-53825-64	CS-64 (4.5')	Total/NA	Solid	8015 NM	
880-53825-65	CS-65 (4.5')	Total/NA	Solid	8015 NM	
880-53825-66	CS-66 (4.5')	Total/NA	Solid	8015 NM	
880-53825-67	CS-67 (4.5')	Total/NA	Solid	8015 NM	
880-53825-68	CS-68 (4.5')	Total/NA	Solid	8015 NM	
880-53825-69	CS-69 (4.5')	Total/NA	Solid	8015 NM	
880-53825-70	CS-70 (4.5')	Total/NA	Solid	8015 NM	
880-53825-71	CS-71 (4.5')	Total/NA	Solid	8015 NM	
880-53825-72	CS-72 (4.5')	Total/NA	Solid	8015 NM	
880-53825-73	CS-73 (4.5')	Total/NA	Solid	8015 NM	
880-53825-74	CS-74 (4.5')	Total/NA	Solid	8015 NM	
880-53825-75	CS-75 (4.5')	Total/NA	Solid	8015 NM	
880-53825-76	CS-76 (4.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 101875 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-77	CS-77 (4.5')	Total/NA	Solid	8015 NM	
880-53825-78	CS-78 (4.5')	Total/NA	Solid	8015 NM	
880-53825-79	CS-79 (4.5')	Total/NA	Solid	8015 NM	
880-53825-80	CS-80 (4.5')	Total/NA	Solid	8015 NM	
880-53825-81	CS-81 (4.5')	Total/NA	Solid	8015 NM	
880-53825-82	CS-82 (4.5')	Total/NA	Solid	8015 NM	
880-53825-83	CS-83 (4.5')	Total/NA	Solid	8015 NM	
880-53825-84	CS-84 (4.5')	Total/NA	Solid	8015 NM	
880-53825-85	CS-85 (4.5')	Total/NA	Solid	8015 NM	
880-53825-86	CS-86 (4.5')	Total/NA	Solid	8015 NM	
880-53825-87	CS-87 (4.5')	Total/NA	Solid	8015 NM	
880-53825-88	CS-88 (4.5')	Total/NA	Solid	8015 NM	
880-53825-89	CS-89 (4.5')	Total/NA	Solid	8015 NM	
880-53825-90	CS-90 (4.5')	Total/NA	Solid	8015 NM	
880-53825-91	CS-91 (4.5')	Total/NA	Solid	8015 NM	
880-53825-92	CS-92 (4.5')	Total/NA	Solid	8015 NM	
880-53825-93	CS-93 (4.5')	Total/NA	Solid	8015 NM	
880-53825-94	CS-94 (4.5')	Total/NA	Solid	8015 NM	
880-53825-95	CS-95 (4.5')	Total/NA	Solid	8015 NM	
880-53825-96	CS-96 (4.5')	Total/NA	Solid	8015 NM	
880-53825-97	CS-97 (4.5')	Total/NA	Solid	8015 NM	
880-53825-98	CS-98 (4.5')	Total/NA	Solid	8015 NM	
880-53825-99	CS-99 (4.5')	Total/NA	Solid	8015 NM	
880-53825-100	CS-100 (4.5')	Total/NA	Solid	8015 NM	
880-53825-101	CS-101 (4.5')	Total/NA	Solid	8015 NM	
880-53825-102	CS-102 (4.5')	Total/NA	Solid	8015 NM	
880-53825-103	CS-103 (4.5')	Total/NA	Solid	8015 NM	
880-53825-104	CS-104 (4.5')	Total/NA	Solid	8015 NM	
880-53825-105	CS-105 (4.5')	Total/NA	Solid	8015 NM	
880-53825-106	CS-106 (4.5')	Total/NA	Solid	8015 NM	
880-53825-107	CS-107 (4.5')	Total/NA	Solid	8015 NM	
880-53825-108	SW-1 (4.5')	Total/NA	Solid	8015 NM	
880-53825-109	SW-2 (4.5')	Total/NA	Solid	8015 NM	
880-53825-110	SW-3 (4.5')	Total/NA	Solid	8015 NM	
880-53825-111	SW-4 (4.5')	Total/NA	Solid	8015 NM	
880-53825-112	SW-5 (4.5')	Total/NA	Solid	8015 NM	
880-53825-113	SW-6 (4.5')	Total/NA	Solid	8015 NM	
880-53825-114	SW-7 (4.5')	Total/NA	Solid	8015 NM	
880-53825-115	SW-8 (4.5')	Total/NA	Solid	8015 NM	
880-53825-116	SW-9 (4.5')	Total/NA	Solid	8015 NM	
880-53825-117	SW-10 (4.5')	Total/NA	Solid	8015 NM	
880-53825-118	SW-11 (4.5')	Total/NA	Solid	8015 NM	
880-53825-119	SW-12 (4.5')	Total/NA	Solid	8015 NM	
880-53825-120	SW-13 (4.5')	Total/NA	Solid	8015 NM	
880-53825-121	SW-14 (4.5')	Total/NA	Solid	8015 NM	
880-53825-122	SW-15 (4.5')	Total/NA	Solid	8015 NM	
880-53825-123	SW-16 (4.5')	Total/NA	Solid	8015 NM	
880-53825-124	SW-17 (4.5')	Total/NA	Solid	8015 NM	
880-53825-125	SW-18 (4.5')	Total/NA	Solid	8015 NM	
880-53825-126	SW-19 (4.5')	Total/NA	Solid	8015 NM	
880-53825-127	SW-20 (4.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 101875 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-128	SW-21 (4.5')	Total/NA	Solid	8015 NM	
880-53825-129	SW-22 (4.5')	Total/NA	Solid	8015 NM	
880-53825-130	SW-23 (4.5')	Total/NA	Solid	8015 NM	
880-53825-131	SW-24 (4.5')	Total/NA	Solid	8015 NM	
880-53825-132	SW-25 (4.5')	Total/NA	Solid	8015 NM	
880-53825-133	SW-26 (4.5')	Total/NA	Solid	8015 NM	
880-53825-134	SW-27 (4.5')	Total/NA	Solid	8015 NM	
880-53825-135	SW-28 (4.5')	Total/NA	Solid	8015 NM	
880-53825-136	SW-29 (4.5')	Total/NA	Solid	8015 NM	
880-53825-137	SW-30 (4.5')	Total/NA	Solid	8015 NM	
880-53825-138	SW-31 (4.5')	Total/NA	Solid	8015 NM	
880-53825-139	SW-32 (4.5')	Total/NA	Solid	8015 NM	
880-53825-140	SW-33 (4.5')	Total/NA	Solid	8015 NM	
880-53825-141	SW-34 (4.5')	Total/NA	Solid	8015 NM	
880-53825-142	SW-35 (4.5')	Total/NA	Solid	8015 NM	
880-53825-143	SW-36 (4.5')	Total/NA	Solid	8015 NM	
880-53825-144	SW-37 (4.5')	Total/NA	Solid	8015 NM	
880-53825-145	SW-38 (4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 101672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-1	CS-1 (4.5')	Soluble	Solid	DI Leach	
880-53825-2	CS-2 (4.5')	Soluble	Solid	DI Leach	
880-53825-3	CS-3 (4.5')	Soluble	Solid	DI Leach	
880-53825-4	CS-4 (4.5')	Soluble	Solid	DI Leach	
880-53825-5	CS-5 (4.5')	Soluble	Solid	DI Leach	
880-53825-6	CS-6 (4.5')	Soluble	Solid	DI Leach	
880-53825-7	CS-7 (4.5')	Soluble	Solid	DI Leach	
880-53825-8	CS-8 (4.5')	Soluble	Solid	DI Leach	
880-53825-9	CS-9 (4.5')	Soluble	Solid	DI Leach	
880-53825-10	CS-10 (4.5')	Soluble	Solid	DI Leach	
880-53825-11	CS-11 (4.5')	Soluble	Solid	DI Leach	
880-53825-12	CS-12 (4.5')	Soluble	Solid	DI Leach	
880-53825-13	CS-13 (4.5')	Soluble	Solid	DI Leach	
880-53825-14	CS-14 (4.5')	Soluble	Solid	DI Leach	
880-53825-15	CS-15 (4.5')	Soluble	Solid	DI Leach	
880-53825-16	CS-16 (4.5')	Soluble	Solid	DI Leach	
880-53825-17	CS-17 (4.5')	Soluble	Solid	DI Leach	
880-53825-18	CS-18 (4.5')	Soluble	Solid	DI Leach	
880-53825-19	CS-19 (4.5')	Soluble	Solid	DI Leach	
880-53825-20	CS-20 (4.5')	Soluble	Solid	DI Leach	
MB 880-101672/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-101672/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-101672/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-53825-1 MS	CS-1 (4.5')	Soluble	Solid	DI Leach	
880-53825-1 MSD	CS-1 (4.5')	Soluble	Solid	DI Leach	
880-53825-11 MS	CS-11 (4.5')	Soluble	Solid	DI Leach	
880-53825-11 MSD	CS-11 (4.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

HPLC/IC

Leach Batch: 101673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-21	CS-21 (4.5')	Soluble	Solid	DI Leach	
880-53825-22	CS-22 (4.5')	Soluble	Solid	DI Leach	
880-53825-23	CS-23 (4.5')	Soluble	Solid	DI Leach	
880-53825-24	CS-24 (4.5')	Soluble	Solid	DI Leach	
880-53825-25	CS-25 (4.5')	Soluble	Solid	DI Leach	
880-53825-26	CS-26 (4.5')	Soluble	Solid	DI Leach	
880-53825-27	CS-27 (4.5')	Soluble	Solid	DI Leach	
880-53825-28	CS-28 (4.5')	Soluble	Solid	DI Leach	
880-53825-29	CS-29 (4.5')	Soluble	Solid	DI Leach	
880-53825-30	CS-30 (4.5')	Soluble	Solid	DI Leach	
880-53825-31	CS-31 (4.5')	Soluble	Solid	DI Leach	
880-53825-32	CS-32 (4.5')	Soluble	Solid	DI Leach	
880-53825-33	CS-33 (4.5')	Soluble	Solid	DI Leach	
880-53825-34	CS-34 (4.5')	Soluble	Solid	DI Leach	
880-53825-35	CS-35 (4.5')	Soluble	Solid	DI Leach	
880-53825-36	CS-36 (4.5')	Soluble	Solid	DI Leach	
880-53825-37	CS-37 (4.5')	Soluble	Solid	DI Leach	
880-53825-38	CS-38 (4.5')	Soluble	Solid	DI Leach	
880-53825-39	CS-39 (4.5')	Soluble	Solid	DI Leach	
880-53825-40	CS-40 (4.5')	Soluble	Solid	DI Leach	
MB 880-101673/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-101673/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-101673/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-53825-21 MS	CS-21 (4.5')	Soluble	Solid	DI Leach	
880-53825-21 MSD	CS-21 (4.5')	Soluble	Solid	DI Leach	
880-53825-31 MS	CS-31 (4.5')	Soluble	Solid	DI Leach	
880-53825-31 MSD	CS-31 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 101675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-41	CS-41 (4.5')	Soluble	Solid	DI Leach	
880-53825-42	CS-42 (4.5')	Soluble	Solid	DI Leach	
880-53825-43	CS-43 (4.5')	Soluble	Solid	DI Leach	
880-53825-44	CS-44 (4.5')	Soluble	Solid	DI Leach	
880-53825-45	CS-45 (4.5')	Soluble	Solid	DI Leach	
880-53825-46	CS-46 (4.5')	Soluble	Solid	DI Leach	
880-53825-47	CS-47 (4.5')	Soluble	Solid	DI Leach	
880-53825-48	CS-48 (4.5')	Soluble	Solid	DI Leach	
880-53825-49	CS-49 (4.5')	Soluble	Solid	DI Leach	
880-53825-50	CS-50 (4.5')	Soluble	Solid	DI Leach	
880-53825-51	CS-51 (4.5')	Soluble	Solid	DI Leach	
880-53825-52	CS-52 (4.5')	Soluble	Solid	DI Leach	
880-53825-53	CS-53 (4.5')	Soluble	Solid	DI Leach	
880-53825-54	CS-54 (4.5')	Soluble	Solid	DI Leach	
880-53825-55	CS-55 (4.5')	Soluble	Solid	DI Leach	
880-53825-56	CS-56 (4.5')	Soluble	Solid	DI Leach	
880-53825-57	CS-57 (4.5')	Soluble	Solid	DI Leach	
880-53825-58	CS-58 (4.5')	Soluble	Solid	DI Leach	
880-53825-59	CS-59 (4.5')	Soluble	Solid	DI Leach	
880-53825-60	CS-60 (4.5')	Soluble	Solid	DI Leach	
MB 880-101675/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 101675 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-101675/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-101675/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-53825-41 MS	CS-41 (4.5')	Soluble	Solid	DI Leach	
880-53825-41 MSD	CS-41 (4.5')	Soluble	Solid	DI Leach	
880-53825-51 MS	CS-51 (4.5')	Soluble	Solid	DI Leach	
880-53825-51 MSD	CS-51 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 101677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-61	CS-61 (4.5')	Soluble	Solid	DI Leach	
880-53825-62	CS-62 (4.5')	Soluble	Solid	DI Leach	
880-53825-63	CS-63 (4.5')	Soluble	Solid	DI Leach	
880-53825-64	CS-64 (4.5')	Soluble	Solid	DI Leach	
880-53825-65	CS-65 (4.5')	Soluble	Solid	DI Leach	
880-53825-66	CS-66 (4.5')	Soluble	Solid	DI Leach	
880-53825-67	CS-67 (4.5')	Soluble	Solid	DI Leach	
880-53825-68	CS-68 (4.5')	Soluble	Solid	DI Leach	
880-53825-69	CS-69 (4.5')	Soluble	Solid	DI Leach	
880-53825-70	CS-70 (4.5')	Soluble	Solid	DI Leach	
880-53825-71	CS-71 (4.5')	Soluble	Solid	DI Leach	
880-53825-72	CS-72 (4.5')	Soluble	Solid	DI Leach	
880-53825-73	CS-73 (4.5')	Soluble	Solid	DI Leach	
880-53825-74	CS-74 (4.5')	Soluble	Solid	DI Leach	
880-53825-75	CS-75 (4.5')	Soluble	Solid	DI Leach	
880-53825-76	CS-76 (4.5')	Soluble	Solid	DI Leach	
880-53825-77	CS-77 (4.5')	Soluble	Solid	DI Leach	
880-53825-78	CS-78 (4.5')	Soluble	Solid	DI Leach	
880-53825-79	CS-79 (4.5')	Soluble	Solid	DI Leach	
880-53825-80	CS-80 (4.5')	Soluble	Solid	DI Leach	
MB 880-101677/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-101677/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-101677/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-53825-61 MS	CS-61 (4.5')	Soluble	Solid	DI Leach	
880-53825-61 MSD	CS-61 (4.5')	Soluble	Solid	DI Leach	
880-53825-71 MS	CS-71 (4.5')	Soluble	Solid	DI Leach	
880-53825-71 MSD	CS-71 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 101678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-81	CS-81 (4.5')	Soluble	Solid	DI Leach	
880-53825-82	CS-82 (4.5')	Soluble	Solid	DI Leach	
880-53825-83	CS-83 (4.5')	Soluble	Solid	DI Leach	
880-53825-84	CS-84 (4.5')	Soluble	Solid	DI Leach	
880-53825-85	CS-85 (4.5')	Soluble	Solid	DI Leach	
880-53825-86	CS-86 (4.5')	Soluble	Solid	DI Leach	
880-53825-87	CS-87 (4.5')	Soluble	Solid	DI Leach	
880-53825-88	CS-88 (4.5')	Soluble	Solid	DI Leach	
880-53825-89	CS-89 (4.5')	Soluble	Solid	DI Leach	
880-53825-90	CS-90 (4.5')	Soluble	Solid	DI Leach	
880-53825-91	CS-91 (4.5')	Soluble	Solid	DI Leach	
880-53825-92	CS-92 (4.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 101678 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-93	CS-93 (4.5')	Soluble	Solid	DI Leach	
880-53825-94	CS-94 (4.5')	Soluble	Solid	DI Leach	
880-53825-95	CS-95 (4.5')	Soluble	Solid	DI Leach	
880-53825-96	CS-96 (4.5')	Soluble	Solid	DI Leach	
880-53825-97	CS-97 (4.5')	Soluble	Solid	DI Leach	
880-53825-98	CS-98 (4.5')	Soluble	Solid	DI Leach	
880-53825-99	CS-99 (4.5')	Soluble	Solid	DI Leach	
880-53825-100	CS-100 (4.5')	Soluble	Solid	DI Leach	
MB 880-101678/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-101678/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-101678/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-53825-81 MS	CS-81 (4.5')	Soluble	Solid	DI Leach	
880-53825-81 MSD	CS-81 (4.5')	Soluble	Solid	DI Leach	
880-53825-91 MS	CS-91 (4.5')	Soluble	Solid	DI Leach	
880-53825-91 MSD	CS-91 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 101748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-101	CS-101 (4.5')	Soluble	Solid	DI Leach	
880-53825-102	CS-102 (4.5')	Soluble	Solid	DI Leach	
880-53825-103	CS-103 (4.5')	Soluble	Solid	DI Leach	
880-53825-104	CS-104 (4.5')	Soluble	Solid	DI Leach	
880-53825-105	CS-105 (4.5')	Soluble	Solid	DI Leach	
880-53825-106	CS-106 (4.5')	Soluble	Solid	DI Leach	
880-53825-107	CS-107 (4.5')	Soluble	Solid	DI Leach	
880-53825-108	SW-1 (4.5')	Soluble	Solid	DI Leach	
880-53825-109	SW-2 (4.5')	Soluble	Solid	DI Leach	
880-53825-110	SW-3 (4.5')	Soluble	Solid	DI Leach	
880-53825-111	SW-4 (4.5')	Soluble	Solid	DI Leach	
880-53825-112	SW-5 (4.5')	Soluble	Solid	DI Leach	
880-53825-113	SW-6 (4.5')	Soluble	Solid	DI Leach	
880-53825-114	SW-7 (4.5')	Soluble	Solid	DI Leach	
880-53825-115	SW-8 (4.5')	Soluble	Solid	DI Leach	
880-53825-116	SW-9 (4.5')	Soluble	Solid	DI Leach	
880-53825-117	SW-10 (4.5')	Soluble	Solid	DI Leach	
880-53825-118	SW-11 (4.5')	Soluble	Solid	DI Leach	
880-53825-119	SW-12 (4.5')	Soluble	Solid	DI Leach	
880-53825-120	SW-13 (4.5')	Soluble	Solid	DI Leach	
MB 880-101748/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-101748/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-101748/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-53825-101 MS	CS-101 (4.5')	Soluble	Solid	DI Leach	
880-53825-101 MSD	CS-101 (4.5')	Soluble	Solid	DI Leach	
880-53825-111 MS	SW-4 (4.5')	Soluble	Solid	DI Leach	
880-53825-111 MSD	SW-4 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 101751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-121	SW-14 (4.5')	Soluble	Solid	DI Leach	
880-53825-122	SW-15 (4.5')	Soluble	Solid	DI Leach	
880-53825-123	SW-16 (4.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 101751 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-124	SW-17 (4.5')	Soluble	Solid	DI Leach	
880-53825-125	SW-18 (4.5')	Soluble	Solid	DI Leach	
880-53825-126	SW-19 (4.5')	Soluble	Solid	DI Leach	
880-53825-127	SW-20 (4.5')	Soluble	Solid	DI Leach	
880-53825-128	SW-21 (4.5')	Soluble	Solid	DI Leach	
880-53825-129	SW-22 (4.5')	Soluble	Solid	DI Leach	
880-53825-130	SW-23 (4.5')	Soluble	Solid	DI Leach	
880-53825-131	SW-24 (4.5')	Soluble	Solid	DI Leach	
880-53825-132	SW-25 (4.5')	Soluble	Solid	DI Leach	
880-53825-133	SW-26 (4.5')	Soluble	Solid	DI Leach	
880-53825-134	SW-27 (4.5')	Soluble	Solid	DI Leach	
880-53825-135	SW-28 (4.5')	Soluble	Solid	DI Leach	
880-53825-136	SW-29 (4.5')	Soluble	Solid	DI Leach	
880-53825-137	SW-30 (4.5')	Soluble	Solid	DI Leach	
880-53825-138	SW-31 (4.5')	Soluble	Solid	DI Leach	
880-53825-139	SW-32 (4.5')	Soluble	Solid	DI Leach	
880-53825-140	SW-33 (4.5')	Soluble	Solid	DI Leach	
MB 880-101751/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-101751/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-101751/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-53825-121 MS	SW-14 (4.5')	Soluble	Solid	DI Leach	
880-53825-121 MSD	SW-14 (4.5')	Soluble	Solid	DI Leach	
880-53825-131 MS	SW-24 (4.5')	Soluble	Solid	DI Leach	
880-53825-131 MSD	SW-24 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 101752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-141	SW-34 (4.5')	Soluble	Solid	DI Leach	
880-53825-142	SW-35 (4.5')	Soluble	Solid	DI Leach	
MB 880-101752/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-101752/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-101752/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-53825-141 MS	SW-34 (4.5')	Soluble	Solid	DI Leach	
880-53825-141 MSD	SW-34 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 101754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-143	SW-36 (4.5')	Soluble	Solid	DI Leach	
880-53825-144	SW-37 (4.5')	Soluble	Solid	DI Leach	
880-53825-145	SW-38 (4.5')	Soluble	Solid	DI Leach	
MB 880-101754/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-101754/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-101754/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-53825-143 MS	SW-36 (4.5')	Soluble	Solid	DI Leach	
880-53825-143 MSD	SW-36 (4.5')	Soluble	Solid	DI Leach	

Analysis Batch: 101761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-1	CS-1 (4.5')	Soluble	Solid	300.0	101672
880-53825-2	CS-2 (4.5')	Soluble	Solid	300.0	101672
880-53825-3	CS-3 (4.5')	Soluble	Solid	300.0	101672

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QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 101761 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-4	CS-4 (4.5')	Soluble	Solid	300.0	101672
880-53825-5	CS-5 (4.5')	Soluble	Solid	300.0	101672
880-53825-6	CS-6 (4.5')	Soluble	Solid	300.0	101672
880-53825-7	CS-7 (4.5')	Soluble	Solid	300.0	101672
880-53825-8	CS-8 (4.5')	Soluble	Solid	300.0	101672
880-53825-9	CS-9 (4.5')	Soluble	Solid	300.0	101672
880-53825-10	CS-10 (4.5')	Soluble	Solid	300.0	101672
880-53825-11	CS-11 (4.5')	Soluble	Solid	300.0	101672
880-53825-12	CS-12 (4.5')	Soluble	Solid	300.0	101672
880-53825-13	CS-13 (4.5')	Soluble	Solid	300.0	101672
880-53825-14	CS-14 (4.5')	Soluble	Solid	300.0	101672
880-53825-15	CS-15 (4.5')	Soluble	Solid	300.0	101672
880-53825-16	CS-16 (4.5')	Soluble	Solid	300.0	101672
880-53825-17	CS-17 (4.5')	Soluble	Solid	300.0	101672
880-53825-18	CS-18 (4.5')	Soluble	Solid	300.0	101672
880-53825-19	CS-19 (4.5')	Soluble	Solid	300.0	101672
880-53825-20	CS-20 (4.5')	Soluble	Solid	300.0	101672
MB 880-101672/1-A	Method Blank	Soluble	Solid	300.0	101672
LCS 880-101672/2-A	Lab Control Sample	Soluble	Solid	300.0	101672
LCSD 880-101672/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	101672
880-53825-1 MS	CS-1 (4.5')	Soluble	Solid	300.0	101672
880-53825-1 MSD	CS-1 (4.5')	Soluble	Solid	300.0	101672
880-53825-11 MS	CS-11 (4.5')	Soluble	Solid	300.0	101672
880-53825-11 MSD	CS-11 (4.5')	Soluble	Solid	300.0	101672

Analysis Batch: 101763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-21	CS-21 (4.5')	Soluble	Solid	300.0	101673
880-53825-22	CS-22 (4.5')	Soluble	Solid	300.0	101673
880-53825-23	CS-23 (4.5')	Soluble	Solid	300.0	101673
880-53825-24	CS-24 (4.5')	Soluble	Solid	300.0	101673
880-53825-25	CS-25 (4.5')	Soluble	Solid	300.0	101673
880-53825-26	CS-26 (4.5')	Soluble	Solid	300.0	101673
880-53825-27	CS-27 (4.5')	Soluble	Solid	300.0	101673
880-53825-28	CS-28 (4.5')	Soluble	Solid	300.0	101673
880-53825-29	CS-29 (4.5')	Soluble	Solid	300.0	101673
880-53825-30	CS-30 (4.5')	Soluble	Solid	300.0	101673
880-53825-31	CS-31 (4.5')	Soluble	Solid	300.0	101673
880-53825-32	CS-32 (4.5')	Soluble	Solid	300.0	101673
880-53825-33	CS-33 (4.5')	Soluble	Solid	300.0	101673
880-53825-34	CS-34 (4.5')	Soluble	Solid	300.0	101673
880-53825-35	CS-35 (4.5')	Soluble	Solid	300.0	101673
880-53825-36	CS-36 (4.5')	Soluble	Solid	300.0	101673
880-53825-37	CS-37 (4.5')	Soluble	Solid	300.0	101673
880-53825-38	CS-38 (4.5')	Soluble	Solid	300.0	101673
880-53825-39	CS-39 (4.5')	Soluble	Solid	300.0	101673
880-53825-40	CS-40 (4.5')	Soluble	Solid	300.0	101673
MB 880-101673/1-A	Method Blank	Soluble	Solid	300.0	101673
LCS 880-101673/2-A	Lab Control Sample	Soluble	Solid	300.0	101673
LCSD 880-101673/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	101673
880-53825-21 MS	CS-21 (4.5')	Soluble	Solid	300.0	101673

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 101763 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-21 MSD	CS-21 (4.5')	Soluble	Solid	300.0	101673
880-53825-31 MS	CS-31 (4.5')	Soluble	Solid	300.0	101673
880-53825-31 MSD	CS-31 (4.5')	Soluble	Solid	300.0	101673

Analysis Batch: 101764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-41	CS-41 (4.5')	Soluble	Solid	300.0	101675
880-53825-42	CS-42 (4.5')	Soluble	Solid	300.0	101675
880-53825-43	CS-43 (4.5')	Soluble	Solid	300.0	101675
880-53825-44	CS-44 (4.5')	Soluble	Solid	300.0	101675
880-53825-45	CS-45 (4.5')	Soluble	Solid	300.0	101675
880-53825-46	CS-46 (4.5')	Soluble	Solid	300.0	101675
880-53825-47	CS-47 (4.5')	Soluble	Solid	300.0	101675
880-53825-48	CS-48 (4.5')	Soluble	Solid	300.0	101675
880-53825-49	CS-49 (4.5')	Soluble	Solid	300.0	101675
880-53825-50	CS-50 (4.5')	Soluble	Solid	300.0	101675
880-53825-51	CS-51 (4.5')	Soluble	Solid	300.0	101675
880-53825-52	CS-52 (4.5')	Soluble	Solid	300.0	101675
880-53825-53	CS-53 (4.5')	Soluble	Solid	300.0	101675
880-53825-54	CS-54 (4.5')	Soluble	Solid	300.0	101675
880-53825-55	CS-55 (4.5')	Soluble	Solid	300.0	101675
880-53825-56	CS-56 (4.5')	Soluble	Solid	300.0	101675
880-53825-57	CS-57 (4.5')	Soluble	Solid	300.0	101675
880-53825-58	CS-58 (4.5')	Soluble	Solid	300.0	101675
880-53825-59	CS-59 (4.5')	Soluble	Solid	300.0	101675
880-53825-60	CS-60 (4.5')	Soluble	Solid	300.0	101675
MB 880-101675/1-A	Method Blank	Soluble	Solid	300.0	101675
LCS 880-101675/2-A	Lab Control Sample	Soluble	Solid	300.0	101675
LCSD 880-101675/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	101675
880-53825-41 MS	CS-41 (4.5')	Soluble	Solid	300.0	101675
880-53825-41 MSD	CS-41 (4.5')	Soluble	Solid	300.0	101675
880-53825-51 MS	CS-51 (4.5')	Soluble	Solid	300.0	101675
880-53825-51 MSD	CS-51 (4.5')	Soluble	Solid	300.0	101675

Analysis Batch: 101765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-61	CS-61 (4.5')	Soluble	Solid	300.0	101677
880-53825-62	CS-62 (4.5')	Soluble	Solid	300.0	101677
880-53825-63	CS-63 (4.5')	Soluble	Solid	300.0	101677
880-53825-64	CS-64 (4.5')	Soluble	Solid	300.0	101677
880-53825-65	CS-65 (4.5')	Soluble	Solid	300.0	101677
880-53825-66	CS-66 (4.5')	Soluble	Solid	300.0	101677
880-53825-67	CS-67 (4.5')	Soluble	Solid	300.0	101677
880-53825-68	CS-68 (4.5')	Soluble	Solid	300.0	101677
880-53825-69	CS-69 (4.5')	Soluble	Solid	300.0	101677
880-53825-70	CS-70 (4.5')	Soluble	Solid	300.0	101677
880-53825-71	CS-71 (4.5')	Soluble	Solid	300.0	101677
880-53825-72	CS-72 (4.5')	Soluble	Solid	300.0	101677
880-53825-73	CS-73 (4.5')	Soluble	Solid	300.0	101677
880-53825-74	CS-74 (4.5')	Soluble	Solid	300.0	101677
880-53825-75	CS-75 (4.5')	Soluble	Solid	300.0	101677

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QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 101765 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-76	CS-76 (4.5')	Soluble	Solid	300.0	101677
880-53825-77	CS-77 (4.5')	Soluble	Solid	300.0	101677
880-53825-78	CS-78 (4.5')	Soluble	Solid	300.0	101677
880-53825-79	CS-79 (4.5')	Soluble	Solid	300.0	101677
880-53825-80	CS-80 (4.5')	Soluble	Solid	300.0	101677
MB 880-101677/1-A	Method Blank	Soluble	Solid	300.0	101677
LCS 880-101677/2-A	Lab Control Sample	Soluble	Solid	300.0	101677
LCSD 880-101677/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	101677
880-53825-61 MS	CS-61 (4.5')	Soluble	Solid	300.0	101677
880-53825-61 MSD	CS-61 (4.5')	Soluble	Solid	300.0	101677
880-53825-71 MS	CS-71 (4.5')	Soluble	Solid	300.0	101677
880-53825-71 MSD	CS-71 (4.5')	Soluble	Solid	300.0	101677

Analysis Batch: 101766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-101	CS-101 (4.5')	Soluble	Solid	300.0	101748
880-53825-102	CS-102 (4.5')	Soluble	Solid	300.0	101748
880-53825-103	CS-103 (4.5')	Soluble	Solid	300.0	101748
880-53825-104	CS-104 (4.5')	Soluble	Solid	300.0	101748
880-53825-105	CS-105 (4.5')	Soluble	Solid	300.0	101748
880-53825-106	CS-106 (4.5')	Soluble	Solid	300.0	101748
880-53825-107	CS-107 (4.5')	Soluble	Solid	300.0	101748
880-53825-108	SW-1 (4.5')	Soluble	Solid	300.0	101748
880-53825-109	SW-2 (4.5')	Soluble	Solid	300.0	101748
880-53825-110	SW-3 (4.5')	Soluble	Solid	300.0	101748
880-53825-111	SW-4 (4.5')	Soluble	Solid	300.0	101748
880-53825-112	SW-5 (4.5')	Soluble	Solid	300.0	101748
880-53825-113	SW-6 (4.5')	Soluble	Solid	300.0	101748
880-53825-114	SW-7 (4.5')	Soluble	Solid	300.0	101748
880-53825-115	SW-8 (4.5')	Soluble	Solid	300.0	101748
880-53825-116	SW-9 (4.5')	Soluble	Solid	300.0	101748
880-53825-117	SW-10 (4.5')	Soluble	Solid	300.0	101748
880-53825-118	SW-11 (4.5')	Soluble	Solid	300.0	101748
880-53825-119	SW-12 (4.5')	Soluble	Solid	300.0	101748
880-53825-120	SW-13 (4.5')	Soluble	Solid	300.0	101748
MB 880-101748/1-A	Method Blank	Soluble	Solid	300.0	101748
LCS 880-101748/2-A	Lab Control Sample	Soluble	Solid	300.0	101748
LCSD 880-101748/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	101748
880-53825-101 MS	CS-101 (4.5')	Soluble	Solid	300.0	101748
880-53825-101 MSD	CS-101 (4.5')	Soluble	Solid	300.0	101748
880-53825-111 MS	SW-4 (4.5')	Soluble	Solid	300.0	101748
880-53825-111 MSD	SW-4 (4.5')	Soluble	Solid	300.0	101748

Analysis Batch: 101767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-81	CS-81 (4.5')	Soluble	Solid	300.0	101678
880-53825-82	CS-82 (4.5')	Soluble	Solid	300.0	101678
880-53825-83	CS-83 (4.5')	Soluble	Solid	300.0	101678
880-53825-84	CS-84 (4.5')	Soluble	Solid	300.0	101678
880-53825-85	CS-85 (4.5')	Soluble	Solid	300.0	101678
880-53825-86	CS-86 (4.5')	Soluble	Solid	300.0	101678

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 101767 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-87	CS-87 (4.5')	Soluble	Solid	300.0	101678
880-53825-88	CS-88 (4.5')	Soluble	Solid	300.0	101678
880-53825-89	CS-89 (4.5')	Soluble	Solid	300.0	101678
880-53825-90	CS-90 (4.5')	Soluble	Solid	300.0	101678
880-53825-91	CS-91 (4.5')	Soluble	Solid	300.0	101678
880-53825-92	CS-92 (4.5')	Soluble	Solid	300.0	101678
880-53825-93	CS-93 (4.5')	Soluble	Solid	300.0	101678
880-53825-94	CS-94 (4.5')	Soluble	Solid	300.0	101678
880-53825-95	CS-95 (4.5')	Soluble	Solid	300.0	101678
880-53825-96	CS-96 (4.5')	Soluble	Solid	300.0	101678
880-53825-97	CS-97 (4.5')	Soluble	Solid	300.0	101678
880-53825-98	CS-98 (4.5')	Soluble	Solid	300.0	101678
880-53825-99	CS-99 (4.5')	Soluble	Solid	300.0	101678
880-53825-100	CS-100 (4.5')	Soluble	Solid	300.0	101678
MB 880-101678/1-A	Method Blank	Soluble	Solid	300.0	101678
LCS 880-101678/2-A	Lab Control Sample	Soluble	Solid	300.0	101678
LCSD 880-101678/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	101678
880-53825-81 MS	CS-81 (4.5')	Soluble	Solid	300.0	101678
880-53825-81 MSD	CS-81 (4.5')	Soluble	Solid	300.0	101678
880-53825-91 MS	CS-91 (4.5')	Soluble	Solid	300.0	101678
880-53825-91 MSD	CS-91 (4.5')	Soluble	Solid	300.0	101678

Analysis Batch: 101773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-141	SW-34 (4.5')	Soluble	Solid	300.0	101752
880-53825-142	SW-35 (4.5')	Soluble	Solid	300.0	101752
MB 880-101752/1-A	Method Blank	Soluble	Solid	300.0	101752
LCS 880-101752/2-A	Lab Control Sample	Soluble	Solid	300.0	101752
LCSD 880-101752/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	101752
880-53825-141 MS	SW-34 (4.5')	Soluble	Solid	300.0	101752
880-53825-141 MSD	SW-34 (4.5')	Soluble	Solid	300.0	101752

Analysis Batch: 101774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-121	SW-14 (4.5')	Soluble	Solid	300.0	101751
880-53825-122	SW-15 (4.5')	Soluble	Solid	300.0	101751
880-53825-123	SW-16 (4.5')	Soluble	Solid	300.0	101751
880-53825-124	SW-17 (4.5')	Soluble	Solid	300.0	101751
880-53825-125	SW-18 (4.5')	Soluble	Solid	300.0	101751
880-53825-126	SW-19 (4.5')	Soluble	Solid	300.0	101751
880-53825-127	SW-20 (4.5')	Soluble	Solid	300.0	101751
880-53825-128	SW-21 (4.5')	Soluble	Solid	300.0	101751
880-53825-129	SW-22 (4.5')	Soluble	Solid	300.0	101751
880-53825-130	SW-23 (4.5')	Soluble	Solid	300.0	101751
880-53825-131	SW-24 (4.5')	Soluble	Solid	300.0	101751
880-53825-132	SW-25 (4.5')	Soluble	Solid	300.0	101751
880-53825-133	SW-26 (4.5')	Soluble	Solid	300.0	101751
880-53825-134	SW-27 (4.5')	Soluble	Solid	300.0	101751
880-53825-135	SW-28 (4.5')	Soluble	Solid	300.0	101751
880-53825-136	SW-29 (4.5')	Soluble	Solid	300.0	101751
880-53825-137	SW-30 (4.5')	Soluble	Solid	300.0	101751

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 101774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-138	SW-31 (4.5')	Soluble	Solid	300.0	101751
880-53825-139	SW-32 (4.5')	Soluble	Solid	300.0	101751
880-53825-140	SW-33 (4.5')	Soluble	Solid	300.0	101751
MB 880-101751/1-A	Method Blank	Soluble	Solid	300.0	101751
LCS 880-101751/2-A	Lab Control Sample	Soluble	Solid	300.0	101751
LCSD 880-101751/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	101751
880-53825-121 MS	SW-14 (4.5')	Soluble	Solid	300.0	101751
880-53825-121 MSD	SW-14 (4.5')	Soluble	Solid	300.0	101751
880-53825-131 MS	SW-24 (4.5')	Soluble	Solid	300.0	101751
880-53825-131 MSD	SW-24 (4.5')	Soluble	Solid	300.0	101751

Analysis Batch: 101776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53825-143	SW-36 (4.5')	Soluble	Solid	300.0	101754
880-53825-144	SW-37 (4.5')	Soluble	Solid	300.0	101754
880-53825-145	SW-38 (4.5')	Soluble	Solid	300.0	101754
MB 880-101754/1-A	Method Blank	Soluble	Solid	300.0	101754
LCS 880-101754/2-A	Lab Control Sample	Soluble	Solid	300.0	101754
LCSD 880-101754/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	101754
880-53825-143 MS	SW-36 (4.5')	Soluble	Solid	300.0	101754
880-53825-143 MSD	SW-36 (4.5')	Soluble	Solid	300.0	101754

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (4.5')

Lab Sample ID: 880-53825-1

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 11:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 11:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 04:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101561	01/30/25 09:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101726	02/01/25 04:25	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101761	02/02/25 05:02	CH	EET MID

Client Sample ID: CS-2 (4.5')

Lab Sample ID: 880-53825-2

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 11:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 04:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	101561	01/30/25 09:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101726	02/01/25 04:40	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101761	02/02/25 05:20	CH	EET MID

Client Sample ID: CS-3 (4.5')

Lab Sample ID: 880-53825-3

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 12:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 12:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 04:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101561	01/30/25 09:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101726	02/01/25 04:55	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101761	02/02/25 05:26	CH	EET MID

Client Sample ID: CS-4 (4.5')

Lab Sample ID: 880-53825-4

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 12:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 12:32	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-4 (4.5')

Lab Sample ID: 880-53825-4

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			101875	02/01/25 05:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101561	01/30/25 09:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101726	02/01/25 05:11	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101761	02/02/25 05:32	CH	EET MID

Client Sample ID: CS-5 (4.5')

Lab Sample ID: 880-53825-5

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 12:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 12:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 15:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	101836	02/03/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101854	02/03/25 15:00	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101761	02/02/25 05:38	CH	EET MID

Client Sample ID: CS-6 (4.5')

Lab Sample ID: 880-53825-6

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 13:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 13:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 15:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	101836	02/03/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101854	02/03/25 15:16	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101761	02/02/25 05:55	CH	EET MID

Client Sample ID: CS-7 (4.5')

Lab Sample ID: 880-53825-7

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 13:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 13:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 15:32	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101836	02/03/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101854	02/03/25 15:32	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-7 (4.5')

Lab Sample ID: 880-53825-7

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101761	02/02/25 06:01	CH	EET MID

Client Sample ID: CS-8 (4.5')

Lab Sample ID: 880-53825-8

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 13:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 13:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 15:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	101836	02/03/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101854	02/03/25 15:48	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101761	02/02/25 06:07	CH	EET MID

Client Sample ID: CS-9 (4.5')

Lab Sample ID: 880-53825-9

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 14:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 14:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 14:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	101833	02/03/25 07:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 14:35	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101761	02/02/25 06:13	CH	EET MID

Client Sample ID: CS-10 (4.5')

Lab Sample ID: 880-53825-10

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 14:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 14:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 14:50	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	101833	02/03/25 07:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 14:50	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	101761	02/02/25 06:19	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (4.5')**Lab Sample ID: 880-53825-11****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 16:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 16:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 15:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	101833	02/03/25 07:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 15:05	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	101761	02/02/25 06:25	CH	EET MID

Client Sample ID: CS-12 (4.5')**Lab Sample ID: 880-53825-12****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 16:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 16:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 14:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101834	02/03/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/03/25 14:21	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101761	02/02/25 06:43	CH	EET MID

Client Sample ID: CS-13 (4.5')**Lab Sample ID: 880-53825-13****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 16:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 16:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 14:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	101834	02/03/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/03/25 14:35	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101761	02/02/25 06:48	CH	EET MID

Client Sample ID: CS-14 (4.5')**Lab Sample ID: 880-53825-14****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 17:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 17:08	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-14 (4.5')**Lab Sample ID: 880-53825-14****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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			101875	02/03/25 14:50	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	101834	02/03/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/03/25 14:50	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101761	02/02/25 07:06	CH	EET MID

Client Sample ID: CS-15 (4.5')**Lab Sample ID: 880-53825-15****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 17:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 17:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 14:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	101835	02/03/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101852	02/03/25 14:44	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101761	02/02/25 07:12	CH	EET MID

Client Sample ID: CS-16 (4.5')**Lab Sample ID: 880-53825-16****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 17:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 17:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 15:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	101835	02/03/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101852	02/03/25 15:00	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101761	02/02/25 07:18	CH	EET MID

Client Sample ID: CS-17 (4.5')**Lab Sample ID: 880-53825-17****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 18:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 18:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 15:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	101835	02/03/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101852	02/03/25 15:16	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-17 (4.5')**Lab Sample ID: 880-53825-17****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101761	02/02/25 07:24	CH	EET MID

Client Sample ID: CS-18 (4.5')**Lab Sample ID: 880-53825-18****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 18:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 18:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 15:32	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	101835	02/03/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101852	02/03/25 15:32	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101761	02/02/25 07:30	CH	EET MID

Client Sample ID: CS-19 (4.5')**Lab Sample ID: 880-53825-19****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 18:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 18:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 15:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101835	02/03/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101852	02/03/25 15:48	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101761	02/02/25 07:36	CH	EET MID

Client Sample ID: CS-20 (4.5')**Lab Sample ID: 880-53825-20****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101640	01/30/25 13:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101708	01/31/25 19:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 19:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 14:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101836	02/03/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101854	02/03/25 14:12	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	101672	01/30/25 16:38	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101761	02/02/25 07:41	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-21 (4.5')**Lab Sample ID: 880-53825-21****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 11:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 11:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 14:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	101836	02/03/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101854	02/03/25 14:28	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101763	02/03/25 12:35	CH	EET MID

Client Sample ID: CS-22 (4.5')**Lab Sample ID: 880-53825-22****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 11:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 14:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	101836	02/03/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101854	02/03/25 14:44	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101763	02/03/25 12:52	CH	EET MID

Client Sample ID: CS-23 (4.5')**Lab Sample ID: 880-53825-23****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 12:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 12:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 10:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 10:58	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101763	02/03/25 12:58	CH	EET MID

Client Sample ID: CS-24 (4.5')**Lab Sample ID: 880-53825-24****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 12:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 12:32	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-24 (4.5')

Lab Sample ID: 880-53825-24

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			101875	02/01/25 11:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 11:59	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101763	02/03/25 13:04	CH	EET MID

Client Sample ID: CS-25 (4.5')

Lab Sample ID: 880-53825-25

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 12:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 12:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 12:19	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 12:19	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101763	02/03/25 13:10	CH	EET MID

Client Sample ID: CS-26 (4.5')

Lab Sample ID: 880-53825-26

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 13:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 13:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 12:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 12:40	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101763	02/03/25 13:28	CH	EET MID

Client Sample ID: CS-27 (4.5')

Lab Sample ID: 880-53825-27

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 13:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 13:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 13:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 13:01	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-27 (4.5')

Date Collected: 01/29/25 00:00

Date Received: 01/30/25 09:25

Lab Sample ID: 880-53825-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101763	02/03/25 13:34	CH	EET MID

Client Sample ID: CS-28 (4.5')

Date Collected: 01/29/25 00:00

Date Received: 01/30/25 09:25

Lab Sample ID: 880-53825-28

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			5.01 g	5 mL	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 13:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 13:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 13:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 13:21	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101763	02/03/25 13:40	CH	EET MID

Client Sample ID: CS-29 (4.5')

Date Collected: 01/29/25 00:00

Date Received: 01/30/25 09:25

Lab Sample ID: 880-53825-29

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			5.04 g	5 mL	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 14:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 14:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 13:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 13:41	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101763	02/03/25 13:46	CH	EET MID

Client Sample ID: CS-30 (4.5')

Date Collected: 01/29/25 00:00

Date Received: 01/30/25 09:25

Lab Sample ID: 880-53825-30

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			4.99 g	5 mL	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 14:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 14:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 14:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 14:01	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101763	02/03/25 13:52	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-31 (4.5')**Lab Sample ID: 880-53825-31****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 16:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 16:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 14:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 14:22	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101763	02/03/25 13:58	CH	EET MID

Client Sample ID: CS-32 (4.5')**Lab Sample ID: 880-53825-32****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 16:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 16:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 14:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 14:42	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101763	02/03/25 14:15	CH	EET MID

Client Sample ID: CS-33 (4.5')**Lab Sample ID: 880-53825-33****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 16:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 16:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 15:24	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 15:24	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101763	02/03/25 14:21	CH	EET MID

Client Sample ID: CS-34 (4.5')**Lab Sample ID: 880-53825-34****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 17:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 17:10	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-34 (4.5')

Lab Sample ID: 880-53825-34

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			101875	02/01/25 15:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 15:44	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101763	02/03/25 14:39	CH	EET MID

Client Sample ID: CS-35 (4.5')

Lab Sample ID: 880-53825-35

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 17:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 17:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 16:04	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 16:04	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101763	02/03/25 14:45	CH	EET MID

Client Sample ID: CS-36 (4.5')

Lab Sample ID: 880-53825-36

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 17:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 17:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 16:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 16:25	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101763	02/03/25 14:51	CH	EET MID

Client Sample ID: CS-37 (4.5')

Lab Sample ID: 880-53825-37

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 18:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 18:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 16:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 16:45	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-37 (4.5')

Date Collected: 01/29/25 00:00

Date Received: 01/30/25 09:25

Lab Sample ID: 880-53825-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101763	02/03/25 14:57	CH	EET MID

Client Sample ID: CS-38 (4.5')

Date Collected: 01/29/25 00:00

Date Received: 01/30/25 09:25

Lab Sample ID: 880-53825-38

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 18:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 18:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 17:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 17:05	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101763	02/03/25 15:03	CH	EET MID

Client Sample ID: CS-39 (4.5')

Date Collected: 01/29/25 00:00

Date Received: 01/30/25 09:25

Lab Sample ID: 880-53825-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 18:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 18:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 17:26	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 17:26	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101763	02/03/25 15:09	CH	EET MID

Client Sample ID: CS-40 (4.5')

Date Collected: 01/29/25 00:00

Date Received: 01/30/25 09:25

Lab Sample ID: 880-53825-40

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	101642	01/30/25 13:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 19:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 19:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 17:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 17:47	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	101673	01/30/25 16:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101763	02/03/25 15:14	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-41 (4.5')**Lab Sample ID: 880-53825-41****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/30/25 20:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 20:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 18:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 18:08	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 19:25	CH	EET MID

Client Sample ID: CS-42 (4.5')**Lab Sample ID: 880-53825-42****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/30/25 20:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 20:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 18:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101581	01/30/25 10:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 18:28	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 19:42	CH	EET MID

Client Sample ID: CS-43 (4.5')**Lab Sample ID: 880-53825-43****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/30/25 21:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 21:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 20:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 20:10	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101764	01/31/25 19:48	CH	EET MID

Client Sample ID: CS-44 (4.5')**Lab Sample ID: 880-53825-44****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/30/25 21:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 21:52	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-44 (4.5')**Lab Sample ID: 880-53825-44****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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			101875	02/01/25 21:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 21:12	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 19:54	CH	EET MID

Client Sample ID: CS-45 (4.5')**Lab Sample ID: 880-53825-45****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/30/25 22:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 22:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 21:32	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 21:32	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 20:00	CH	EET MID

Client Sample ID: CS-46 (4.5')**Lab Sample ID: 880-53825-46****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/30/25 22:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 22:45	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 21:52	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 21:52	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 20:41	CH	EET MID

Client Sample ID: CS-47 (4.5')**Lab Sample ID: 880-53825-47****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/30/25 23:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 23:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 22:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 22:13	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-47 (4.5')**Lab Sample ID: 880-53825-47****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 20:47	CH	EET MID

Client Sample ID: CS-48 (4.5')**Lab Sample ID: 880-53825-48****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/30/25 23:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 23:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 22:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 22:34	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 20:53	CH	EET MID

Client Sample ID: CS-49 (4.5')**Lab Sample ID: 880-53825-49****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/31/25 00:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 00:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 22:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 22:55	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 20:59	CH	EET MID

Client Sample ID: CS-50 (4.5')**Lab Sample ID: 880-53825-50****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/31/25 00:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 00:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 23:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 23:15	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 21:05	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-51 (4.5')**Lab Sample ID: 880-53825-51****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/31/25 02:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 02:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 23:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 23:35	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 21:11	CH	EET MID

Client Sample ID: CS-52 (4.5')**Lab Sample ID: 880-53825-52****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/31/25 02:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 02:44	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 23:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/01/25 23:56	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 21:29	CH	EET MID

Client Sample ID: CS-53 (4.5')**Lab Sample ID: 880-53825-53****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/31/25 03:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 03:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 00:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/02/25 00:37	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 21:35	CH	EET MID

Client Sample ID: CS-54 (4.5')**Lab Sample ID: 880-53825-54****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/31/25 03:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 03:37	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-54 (4.5')**Lab Sample ID: 880-53825-54****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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			101875	02/02/25 00:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/02/25 00:58	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 21:53	CH	EET MID

Client Sample ID: CS-55 (4.5')**Lab Sample ID: 880-53825-55****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/31/25 04:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 04:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 01:19	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/02/25 01:19	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 21:59	CH	EET MID

Client Sample ID: CS-56 (4.5')**Lab Sample ID: 880-53825-56****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/31/25 04:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 04:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 01:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/02/25 01:39	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 22:04	CH	EET MID

Client Sample ID: CS-57 (4.5')**Lab Sample ID: 880-53825-57****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/31/25 04:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 04:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 02:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/02/25 02:00	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-57 (4.5')**Lab Sample ID: 880-53825-57****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 22:10	CH	EET MID

Client Sample ID: CS-58 (4.5')**Lab Sample ID: 880-53825-58****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/31/25 05:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 05:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 02:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/02/25 02:21	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 22:16	CH	EET MID

Client Sample ID: CS-59 (4.5')**Lab Sample ID: 880-53825-59****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/31/25 05:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 05:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 02:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/02/25 02:41	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 22:22	CH	EET MID

Client Sample ID: CS-60 (4.5')**Lab Sample ID: 880-53825-60****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101643	01/30/25 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101671	01/31/25 06:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 06:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 03:02	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/02/25 03:02	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101675	01/30/25 16:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101764	01/31/25 22:28	CH	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-61 (4.5')**Lab Sample ID: 880-53825-61****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 11:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 11:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 03:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/02/25 03:22	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101765	02/03/25 16:02	CH	EET MID

Client Sample ID: CS-62 (4.5')**Lab Sample ID: 880-53825-62****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 11:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 03:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101582	01/30/25 10:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101813	02/02/25 03:43	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101765	02/03/25 16:20	CH	EET MID

Client Sample ID: CS-63 (4.5')**Lab Sample ID: 880-53825-63****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 12:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 12:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 10:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 10:58	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101765	02/03/25 16:26	CH	EET MID

Client Sample ID: CS-64 (4.5')**Lab Sample ID: 880-53825-64****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 12:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 12:32	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-64 (4.5')

Lab Sample ID: 880-53825-64

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			101875	02/01/25 11:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 11:59	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101765	02/03/25 16:32	CH	EET MID

Client Sample ID: CS-65 (4.5')

Lab Sample ID: 880-53825-65

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 12:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 12:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 12:19	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 12:19	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101765	02/03/25 16:37	CH	EET MID

Client Sample ID: CS-66 (4.5')

Lab Sample ID: 880-53825-66

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 13:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 13:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 12:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 12:40	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101765	02/03/25 16:55	CH	EET MID

Client Sample ID: CS-67 (4.5')

Lab Sample ID: 880-53825-67

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 13:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 13:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 13:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 13:01	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-67 (4.5')**Lab Sample ID: 880-53825-67****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101765	02/03/25 17:01	CH	EET MID

Client Sample ID: CS-68 (4.5')**Lab Sample ID: 880-53825-68****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 13:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 13:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 13:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 13:21	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101765	02/03/25 17:07	CH	EET MID

Client Sample ID: CS-69 (4.5')**Lab Sample ID: 880-53825-69****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 14:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 14:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 13:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 13:41	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101765	02/03/25 17:13	CH	EET MID

Client Sample ID: CS-70 (4.5')**Lab Sample ID: 880-53825-70****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 14:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 14:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 14:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 14:01	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101765	02/03/25 17:19	CH	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-71 (4.5')**Lab Sample ID: 880-53825-71****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 16:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 16:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 14:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 14:22	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101765	02/03/25 17:25	CH	EET MID

Client Sample ID: CS-72 (4.5')**Lab Sample ID: 880-53825-72****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 16:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 16:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 14:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 14:42	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101765	02/03/25 17:43	CH	EET MID

Client Sample ID: CS-73 (4.5')**Lab Sample ID: 880-53825-73****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 16:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 16:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 15:24	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 15:24	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101765	02/03/25 17:48	CH	EET MID

Client Sample ID: CS-74 (4.5')**Lab Sample ID: 880-53825-74****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 17:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 17:10	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-74 (4.5')**Lab Sample ID: 880-53825-74****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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			101875	02/01/25 15:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 15:44	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101765	02/03/25 18:06	CH	EET MID

Client Sample ID: CS-75 (4.5')**Lab Sample ID: 880-53825-75****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 17:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 17:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 16:04	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 16:04	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101765	02/03/25 18:12	CH	EET MID

Client Sample ID: CS-76 (4.5')**Lab Sample ID: 880-53825-76****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 17:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 17:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 16:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 16:25	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101765	02/03/25 18:18	CH	EET MID

Client Sample ID: CS-77 (4.5')**Lab Sample ID: 880-53825-77****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 18:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 18:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 16:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 16:45	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-77 (4.5')

Date Collected: 01/29/25 00:00

Date Received: 01/30/25 09:25

Lab Sample ID: 880-53825-77

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101765	02/03/25 18:24	CH	EET MID

Client Sample ID: CS-78 (4.5')

Date Collected: 01/29/25 00:00

Date Received: 01/30/25 09:25

Lab Sample ID: 880-53825-78

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 18:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 18:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 17:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 17:05	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101765	02/03/25 18:30	CH	EET MID

Client Sample ID: CS-79 (4.5')

Date Collected: 01/29/25 00:00

Date Received: 01/30/25 09:25

Lab Sample ID: 880-53825-79

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 18:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 18:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 17:26	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 17:26	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101765	02/03/25 18:36	CH	EET MID

Client Sample ID: CS-80 (4.5')

Date Collected: 01/29/25 00:00

Date Received: 01/30/25 09:25

Lab Sample ID: 880-53825-80

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	101644	01/30/25 13:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 19:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 19:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 17:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 17:47	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101677	01/30/25 16:43	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101765	02/03/25 18:42	CH	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-81 (4.5')**Lab Sample ID: 880-53825-81****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 12:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 12:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 18:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 18:08	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101767	02/03/25 19:55	CH	EET MID

Client Sample ID: CS-82 (4.5')**Lab Sample ID: 880-53825-82****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 12:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 12:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 18:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101583	01/30/25 11:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 18:28	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101767	02/03/25 20:17	CH	EET MID

Client Sample ID: CS-83 (4.5')**Lab Sample ID: 880-53825-83****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 13:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 13:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 20:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 20:10	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101767	02/03/25 20:24	CH	EET MID

Client Sample ID: CS-84 (4.5')**Lab Sample ID: 880-53825-84****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 13:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 13:37	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-84 (4.5')**Lab Sample ID: 880-53825-84****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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			101875	02/01/25 21:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 21:12	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101767	02/03/25 20:32	CH	EET MID

Client Sample ID: CS-85 (4.5')**Lab Sample ID: 880-53825-85****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 13:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 13:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 21:32	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 21:32	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101767	02/03/25 20:39	CH	EET MID

Client Sample ID: CS-86 (4.5')**Lab Sample ID: 880-53825-86****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 14:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 14:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 21:52	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 21:52	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101767	02/03/25 21:02	CH	EET MID

Client Sample ID: CS-87 (4.5')**Lab Sample ID: 880-53825-87****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 14:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 14:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 22:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 22:13	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-87 (4.5')**Lab Sample ID: 880-53825-87****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101767	02/03/25 21:09	CH	EET MID

Client Sample ID: CS-88 (4.5')**Lab Sample ID: 880-53825-88****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 14:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 14:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 22:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 22:34	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101767	02/03/25 21:17	CH	EET MID

Client Sample ID: CS-89 (4.5')**Lab Sample ID: 880-53825-89****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 15:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 15:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 22:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 22:55	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101767	02/03/25 21:24	CH	EET MID

Client Sample ID: CS-90 (4.5')**Lab Sample ID: 880-53825-90****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 15:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 15:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 23:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 23:15	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101767	02/03/25 21:31	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-91 (4.5')**Lab Sample ID: 880-53825-91****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 17:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 17:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 23:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 23:35	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101767	02/03/25 21:39	CH	EET MID

Client Sample ID: CS-92 (4.5')**Lab Sample ID: 880-53825-92****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 17:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 17:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/01/25 23:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/01/25 23:56	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101767	02/03/25 22:01	CH	EET MID

Client Sample ID: CS-93 (4.5')**Lab Sample ID: 880-53825-93****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 17:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 17:45	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 00:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/02/25 00:37	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101767	02/03/25 22:09	CH	EET MID

Client Sample ID: CS-94 (4.5')**Lab Sample ID: 880-53825-94****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 18:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 18:06	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-94 (4.5')**Lab Sample ID: 880-53825-94****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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			101875	02/02/25 00:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/02/25 00:58	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101767	02/03/25 22:31	CH	EET MID

Client Sample ID: CS-95 (4.5')**Lab Sample ID: 880-53825-95****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 18:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 18:26	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 01:19	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/02/25 01:19	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101767	02/03/25 22:38	CH	EET MID

Client Sample ID: CS-96 (4.5')**Lab Sample ID: 880-53825-96****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 18:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 18:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 01:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/02/25 01:39	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101767	02/03/25 22:46	CH	EET MID

Client Sample ID: CS-97 (4.5')**Lab Sample ID: 880-53825-97****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 19:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 19:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 02:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/02/25 02:00	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-97 (4.5')**Lab Sample ID: 880-53825-97****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101767	02/03/25 22:53	CH	EET MID

Client Sample ID: CS-98 (4.5')**Lab Sample ID: 880-53825-98****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 19:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 19:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 02:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/02/25 02:21	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101767	02/03/25 23:01	CH	EET MID

Client Sample ID: CS-99 (4.5')**Lab Sample ID: 880-53825-99****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 19:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 19:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 02:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/02/25 02:41	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101767	02/03/25 23:08	CH	EET MID

Client Sample ID: CS-100 (4.5')**Lab Sample ID: 880-53825-100****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101645	01/30/25 13:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101711	01/31/25 20:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 20:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 03:02	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/02/25 03:02	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101678	01/30/25 16:45	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101767	02/03/25 23:16	CH	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-101 (4.5')**Lab Sample ID: 880-53825-101****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 13:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 13:26	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 03:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/02/25 03:22	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101766	02/03/25 15:36	CH	EET MID

Client Sample ID: CS-102 (4.5')**Lab Sample ID: 880-53825-102****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 13:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 13:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/02/25 03:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101584	01/30/25 11:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101816	02/02/25 03:43	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101766	02/03/25 15:54	CH	EET MID

Client Sample ID: CS-103 (4.5')**Lab Sample ID: 880-53825-103****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 14:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 14:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 17:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 17:53	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101766	02/03/25 16:00	CH	EET MID

Client Sample ID: CS-104 (4.5')**Lab Sample ID: 880-53825-104****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 14:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 14:28	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-104 (4.5')**Lab Sample ID: 880-53825-104****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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			101875	02/03/25 18:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 18:39	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101766	02/03/25 16:06	CH	EET MID

Client Sample ID: CS-105 (4.5')**Lab Sample ID: 880-53825-105****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 14:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 14:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 18:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 18:53	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101766	02/03/25 16:11	CH	EET MID

Client Sample ID: CS-106 (4.5')**Lab Sample ID: 880-53825-106****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 15:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 15:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 19:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 19:09	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101766	02/03/25 16:29	CH	EET MID

Client Sample ID: CS-107 (4.5')**Lab Sample ID: 880-53825-107****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 15:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 15:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 19:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 19:23	TKC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-107 (4.5')**Lab Sample ID: 880-53825-107****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101766	02/03/25 16:35	CH	EET MID

Client Sample ID: SW-1 (4.5')**Lab Sample ID: 880-53825-108****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 15:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 15:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 19:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 19:39	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101766	02/03/25 16:41	CH	EET MID

Client Sample ID: SW-2 (4.5')**Lab Sample ID: 880-53825-109****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 16:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 16:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 19:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 19:54	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101766	02/03/25 16:47	CH	EET MID

Client Sample ID: SW-3 (4.5')**Lab Sample ID: 880-53825-110****Date Collected: 01/29/25 00:00****Matrix: Solid****Date Received: 01/30/25 09:25**

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 16:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 16:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 20:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 20:08	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101766	02/03/25 16:53	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-4 (4.5')

Lab Sample ID: 880-53825-111

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 18:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 18:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 20:24	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 20:24	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101766	02/03/25 16:59	CH	EET MID

Client Sample ID: SW-5 (4.5')

Lab Sample ID: 880-53825-112

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 18:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 18:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 20:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 20:38	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101766	02/03/25 17:16	CH	EET MID

Client Sample ID: SW-6 (4.5')

Lab Sample ID: 880-53825-113

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 19:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 19:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 21:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 21:08	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101766	02/03/25 17:22	CH	EET MID

Client Sample ID: SW-7 (4.5')

Lab Sample ID: 880-53825-114

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 19:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 19:22	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-7 (4.5')

Lab Sample ID: 880-53825-114

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			101875	02/03/25 21:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 21:23	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101766	02/03/25 17:40	CH	EET MID

Client Sample ID: SW-8 (4.5')

Lab Sample ID: 880-53825-115

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 19:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 19:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 21:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 21:37	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101766	02/03/25 17:46	CH	EET MID

Client Sample ID: SW-9 (4.5')

Lab Sample ID: 880-53825-116

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 20:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 20:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 21:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 21:53	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101766	02/03/25 17:52	CH	EET MID

Client Sample ID: SW-10 (4.5')

Lab Sample ID: 880-53825-117

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 20:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 20:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 22:07	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 22:07	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-10 (4.5')

Lab Sample ID: 880-53825-117

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101766	02/03/25 17:57	CH	EET MID

Client Sample ID: SW-11 (4.5')

Lab Sample ID: 880-53825-118

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 20:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 20:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 22:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 22:22	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101766	02/03/25 18:03	CH	EET MID

Client Sample ID: SW-12 (4.5')

Lab Sample ID: 880-53825-119

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 21:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 21:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 22:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 22:36	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101766	02/03/25 18:09	CH	EET MID

Client Sample ID: SW-13 (4.5')

Lab Sample ID: 880-53825-120

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101646	01/30/25 13:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	01/31/25 21:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 21:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 22:51	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 22:51	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	101748	01/31/25 11:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101766	02/03/25 18:15	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-14 (4.5')

Lab Sample ID: 880-53825-121

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/30/25 18:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 18:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 23:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 23:05	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 01:36	CH	EET MID

Client Sample ID: SW-15 (4.5')

Lab Sample ID: 880-53825-122

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/30/25 18:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 18:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/03/25 23:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101587	01/30/25 11:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/03/25 23:20	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 01:54	CH	EET MID

Client Sample ID: SW-16 (4.5')

Lab Sample ID: 880-53825-123

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/30/25 19:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 19:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 01:17	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 01:17	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 02:00	CH	EET MID

Client Sample ID: SW-17 (4.5')

Lab Sample ID: 880-53825-124

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/30/25 19:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 19:21	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-17 (4.5')

Lab Sample ID: 880-53825-124

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			101875	02/04/25 02:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 02:01	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 02:06	CH	EET MID

Client Sample ID: SW-18 (4.5')

Lab Sample ID: 880-53825-125

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/30/25 19:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 19:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 02:17	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 02:17	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 02:11	CH	EET MID

Client Sample ID: SW-19 (4.5')

Lab Sample ID: 880-53825-126

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/30/25 20:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 20:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 02:30	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 02:30	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 02:29	CH	EET MID

Client Sample ID: SW-20 (4.5')

Lab Sample ID: 880-53825-127

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/30/25 20:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 20:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 02:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 02:46	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-20 (4.5')

Lab Sample ID: 880-53825-127

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 02:35	CH	EET MID

Client Sample ID: SW-21 (4.5')

Lab Sample ID: 880-53825-128

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/30/25 20:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 20:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 03:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.6 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 03:00	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 02:41	CH	EET MID

Client Sample ID: SW-22 (4.5')

Lab Sample ID: 880-53825-129

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/30/25 21:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 21:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 03:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 03:16	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 02:47	CH	EET MID

Client Sample ID: SW-23 (4.5')

Lab Sample ID: 880-53825-130

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/30/25 21:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 21:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 03:30	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 03:30	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 02:53	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-24 (4.5')

Lab Sample ID: 880-53825-131

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/30/25 22:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 22:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 03:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 03:45	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 02:59	CH	EET MID

Client Sample ID: SW-25 (4.5')

Lab Sample ID: 880-53825-132

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/30/25 23:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 23:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 04:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 04:00	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 03:16	CH	EET MID

Client Sample ID: SW-26 (4.5')

Lab Sample ID: 880-53825-133

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/30/25 23:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 23:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 04:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 04:29	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 03:22	CH	EET MID

Client Sample ID: SW-27 (4.5')

Lab Sample ID: 880-53825-134

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/30/25 23:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/30/25 23:59	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-27 (4.5')

Lab Sample ID: 880-53825-134

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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			101875	02/04/25 04:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 04:43	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 03:40	CH	EET MID

Client Sample ID: SW-28 (4.5')

Lab Sample ID: 880-53825-135

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/31/25 00:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 00:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 04:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 04:59	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 03:46	CH	EET MID

Client Sample ID: SW-29 (4.5')

Lab Sample ID: 880-53825-136

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/31/25 00:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 00:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 05:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 05:13	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 03:52	CH	EET MID

Client Sample ID: SW-30 (4.5')

Lab Sample ID: 880-53825-137

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/31/25 01:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 01:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 05:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 05:27	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-30 (4.5')

Lab Sample ID: 880-53825-137

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 03:58	CH	EET MID

Client Sample ID: SW-31 (4.5')

Lab Sample ID: 880-53825-138

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/31/25 01:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 01:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 05:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 05:42	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 04:04	CH	EET MID

Client Sample ID: SW-32 (4.5')

Lab Sample ID: 880-53825-139

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/31/25 01:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 01:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 05:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 05:57	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 04:09	CH	EET MID

Client Sample ID: SW-33 (4.5')

Lab Sample ID: 880-53825-140

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101647	01/30/25 13:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101656	01/31/25 02:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 02:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 06:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 06:11	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101751	01/31/25 11:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101774	02/02/25 04:15	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-34 (4.5')

Lab Sample ID: 880-53825-141

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101653	01/30/25 14:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101706	01/31/25 11:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 11:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 06:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 06:25	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101752	01/31/25 11:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101773	02/02/25 02:48	CH	EET MID

Client Sample ID: SW-35 (4.5')

Lab Sample ID: 880-53825-142

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101653	01/30/25 14:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101706	01/31/25 12:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 12:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	02/04/25 06:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101589	01/30/25 11:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101848	02/04/25 06:40	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101752	01/31/25 11:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101773	02/02/25 03:10	CH	EET MID

Client Sample ID: SW-36 (4.5')

Lab Sample ID: 880-53825-143

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101653	01/30/25 14:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101706	01/31/25 12:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 12:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	01/31/25 15:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101683	01/30/25 19:54	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101724	01/31/25 15:14	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	101754	01/31/25 11:49	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101776	02/01/25 23:08	CH	EET MID

Client Sample ID: SW-37 (4.5')

Lab Sample ID: 880-53825-144

Date Collected: 01/29/25 00:00

Matrix: Solid

Date Received: 01/30/25 09:25

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	101653	01/30/25 14:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101706	01/31/25 13:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 13:09	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-37 (4.5')
Date Collected: 01/29/25 00:00
Date Received: 01/30/25 09:25

Lab Sample ID: 880-53825-144
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			101875	01/31/25 15:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101683	01/30/25 19:54	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101724	01/31/25 15:29	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101754	01/31/25 11:49	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101776	02/01/25 23:26	CH	EET MID

Client Sample ID: SW-38 (4.5')
Date Collected: 01/29/25 00:00
Date Received: 01/30/25 09:25

Lab Sample ID: 880-53825-145
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	101653	01/30/25 14:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101706	01/31/25 13:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101750	01/31/25 13:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101875	01/31/25 15:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	101727	01/31/25 08:59	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101726	01/31/25 15:29	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101754	01/31/25 11:49	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101776	02/01/25 23:32	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: FC 813H

Job ID: 880-53825-1
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	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
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: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-53825-1	CS-1 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-2	CS-2 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-3	CS-3 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-4	CS-4 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-5	CS-5 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-6	CS-6 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-7	CS-7 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-8	CS-8 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-9	CS-9 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-10	CS-10 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-11	CS-11 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-12	CS-12 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-13	CS-13 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-14	CS-14 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-15	CS-15 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-16	CS-16 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-17	CS-17 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-18	CS-18 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-19	CS-19 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-20	CS-20 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-21	CS-21 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-22	CS-22 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-23	CS-23 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-24	CS-24 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-25	CS-25 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-26	CS-26 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-27	CS-27 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-28	CS-28 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-29	CS-29 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-30	CS-30 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-31	CS-31 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-32	CS-32 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-33	CS-33 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-34	CS-34 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-35	CS-35 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-36	CS-36 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-37	CS-37 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-38	CS-38 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-39	CS-39 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-40	CS-40 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-41	CS-41 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-42	CS-42 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-43	CS-43 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-44	CS-44 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-45	CS-45 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-46	CS-46 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-47	CS-47 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-48	CS-48 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-49	CS-49 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-50	CS-50 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-51	CS-51 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-52	CS-52 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-53	CS-53 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-54	CS-54 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25

Sample Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-53825-55	CS-55 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-56	CS-56 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-57	CS-57 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-58	CS-58 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-59	CS-59 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-60	CS-60 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-61	CS-61 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-62	CS-62 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-63	CS-63 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-64	CS-64 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-65	CS-65 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-66	CS-66 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-67	CS-67 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-68	CS-68 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-69	CS-69 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-70	CS-70 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-71	CS-71 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-72	CS-72 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-73	CS-73 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-74	CS-74 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-75	CS-75 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-76	CS-76 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-77	CS-77 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-78	CS-78 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-79	CS-79 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-80	CS-80 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-81	CS-81 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-82	CS-82 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-83	CS-83 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-84	CS-84 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-85	CS-85 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-86	CS-86 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-87	CS-87 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-88	CS-88 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-89	CS-89 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-90	CS-90 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-91	CS-91 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-92	CS-92 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-93	CS-93 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-94	CS-94 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-95	CS-95 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-96	CS-96 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-97	CS-97 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-98	CS-98 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-99	CS-99 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-100	CS-100 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-101	CS-101 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-102	CS-102 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-103	CS-103 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-104	CS-104 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-105	CS-105 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-106	CS-106 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-107	CS-107 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-108	SW-1 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25

Sample Summary

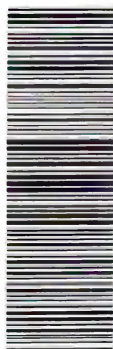
Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-53825-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-53825-109	SW-2 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-110	SW-3 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-111	SW-4 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-112	SW-5 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-113	SW-6 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-114	SW-7 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-115	SW-8 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-116	SW-9 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-117	SW-10 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-118	SW-11 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-119	SW-12 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-120	SW-13 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-121	SW-14 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-122	SW-15 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-123	SW-16 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-124	SW-17 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-125	SW-18 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-126	SW-19 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-127	SW-20 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-128	SW-21 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-129	SW-22 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-130	SW-23 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-131	SW-24 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-132	SW-25 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-133	SW-26 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-134	SW-27 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-135	SW-28 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-136	SW-29 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-137	SW-30 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-138	SW-31 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-139	SW-32 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-140	SW-33 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-141	SW-34 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-142	SW-35 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-143	SW-36 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-144	SW-37 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25
880-53825-145	SW-38 (4.5')	Solid	01/29/25 00:00	01/30/25 09:25



Chain of Custody



880-53825 Chain of Custody

Page 1 of 15

Work Order Comments

Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐

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 Manager: **Conner Moehring**

Company Name: **Carmona Resources**

Address: **310 W Wall St Ste 500**

City, State ZIP: **Midland, TX 79701**

Phone: **432-813-6823**

Bill to: (if different)

Company Name:

Address:

City, State ZIP:

Email: mcarmona@carmonaresources.com

Project Name: FC 813H		Turn Around		Parameters		Preservative Codes	
Project Number: 2599	Due Date:	☒ Routine	☐ Rush	Grab/	Water	Soil	Time
Project Location: Eddy County, New Mexico	Due Date:	Standard		Comp	Comp	Comp	Comp
Sampler's Name: JM/KR	Due Date:	Standard		Comp	Comp	Comp	Comp
PO #:	Due Date:	Standard		Comp	Comp	Comp	Comp
SAMPLE RECEIPT Received In: ☒ Yes ☐ No Cooler Custody Seals: ☒ Yes ☐ No ☐ N/A Sample Custody Seals: ☒ Yes ☐ No ☐ N/A Total Containers: ☒ Yes ☐ No ☐ N/A							
ANALYSIS REQUEST Parameters: TPH 8015M (GRO + DRO + MRO) BTEX 8021B Chloride 300.0							
Preservative Codes None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC							
Sample Comments							

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	1/30/25	<i>[Signature]</i>	1/30/25 9:25

Chain of Custody

Work Order No: _____

Page 2 of 15

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Prat. Code	Analysis Request	Preservative Codes	
											None: NO
CS-11 (4.5')	1/29/2025		X		Comp	1				None: NO	
CS-12 (4.5')	1/29/2025		X		Comp	1				Cool: Cool	
CS-13 (4.5')	1/29/2025		X		Comp	1				HCL: HC	
CS-14 (4.5')	1/29/2025		X		Comp	1				H ₂ SO ₄ : H ₂	
CS-15 (4.5')	1/29/2025		X		Comp	1				H ₃ PO ₄ : HP	
CS-16 (4.5')	1/29/2025		X		Comp	1				NaHSO ₄ : NABIS	
CS-17 (4.5')	1/29/2025		X		Comp	1				Na ₂ S ₂ O ₅ : NaSO ₃	
CS-18 (4.5')	1/29/2025		X		Comp	1				Zn Acetate+NaOH: Zn	
CS-19 (4.5')	1/29/2025		X		Comp	1				NaOH+Ascorbic Acid: SAPC	
CS-20 (4.5')	1/29/2025		X		Comp	1					

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	1/30/25	<i>[Signature]</i>	1/30/25

Chain of Custody

Work Order No: _____

Page 3 of 15

Project Manager: Conner Moehring		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-813-6823		Email: mcarmona@carmonaresources.com			

Project Name: FC 813H		Turn Around		Pres. Code	
Project Number: 2599		☒ Routine ☐ Rush			
Project Location: Eddy County, New Mexico		Due Date:			
Sampler's Name: JM/KR					
PO #:					

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	Parameters	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	BTX 8021B	ANALYSIS REQUEST	Preservative Codes
CS-21 (4.5')	1/29/2025		X		Comp	1		X	X			None: NO DI Water: H ₂ O
CS-22 (4.5')	1/29/2025		X		Comp	1		X	X			Cool: Cool MeOH: Me
CS-23 (4.5')	1/29/2025		X		Comp	1		X	X			HCL: HC HNO ₃ : HN
CS-24 (4.5')	1/29/2025		X		Comp	1		X	X			H ₂ SO ₄ : H ₂ NaOH: Na
CS-25 (4.5')	1/29/2025		X		Comp	1		X	X			H ₃ PO ₄ : HP NaHSO ₄ : NABIS
CS-26 (4.5')	1/29/2025		X		Comp	1		X	X			Na ₂ S ₂ O ₅ : NaSO ₃
CS-27 (4.5')	1/29/2025		X		Comp	1		X	X			Zn Acetate+NaOH: Zn
CS-28 (4.5')	1/29/2025		X		Comp	1		X	X			NaOH+Ascorbic Acid: SAPC
CS-29 (4.5')	1/29/2025		X		Comp	1		X	X			
CS-30 (4.5')	1/29/2025		X		Comp	1		X	X			

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

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Conner Moehring</i>		1/30/25		<i>[Signature]</i>		1/30 725	

Chain of Custody

Work Order No: _____

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Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ IRC ☐ Iperfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Preservative Codes	
										None: NO	DI Water: H ₂ O
CS-31 (4.5')	1/29/2025		X		Comp	1		X	X		
CS-32 (4.5')	1/29/2025		X		Comp	1		X	X		
CS-33 (4.5')	1/29/2025		X		Comp	1		X	X		
CS-34 (4.5')	1/29/2025		X		Comp	1		X	X		
CS-35 (4.5')	1/29/2025		X		Comp	1		X	X		
CS-36 (4.5')	1/29/2025		X		Comp	1		X	X		
CS-37 (4.5')	1/29/2025		X		Comp	1		X	X		
CS-38 (4.5')	1/29/2025		X		Comp	1		X	X		
CS-39 (4.5')	1/29/2025		X		Comp	1		X	X		
CS-40 (4.5')	1/29/2025		X		Comp	1		X	X		

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	1/30/25	<i>[Signature]</i>	1/30 9:25

Chain of Custody

Work Order No:

Page 5 of 15

Project Manager: Conner Moehring		Bill to: (if different)		Carmona Resources		Work Order Comments																																	
Company Name: Carmona Resources		Company Name:				Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐																																	
Address: 310 W Wall St Ste 500		Address:				State of Project:																																	
City, State ZIP: Midland, TX 79701		City, State ZIP:				Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐																																	
Phone: 432-813-6823		Email: mcarmona@carmonaresources.com				Deliverables: EDD ☐ ADaPT ☐ Other:																																	
SAMPLE RECEIPT												ANALYSIS REQUEST												Preservative Codes															
Project Name: FC 813H		Turn Around		Pries. Code														None: NO DI Water: H ₂ O																					
Project Number: 2599		☒ Routine ☐ Rush																Cool: Cool MeOH: Me																					
Project Location: Eddy County, New Mexico		Due Date:		Standard														HCL: HC HNO ₃ : HN																					
Sampler's Name: JM/KR						Parameters												H ₂ SO ₄ : H ₂ NaOH: Na																					
PO #:																		H ₃ PO ₄ : HP																					
Received Intact: Yes No		Temp Blank: Yes No		Wet Ice: Yes No														NaHSO ₄ : NABIS																					
Cooler Custody Seals: Yes No N/A		Thermometer ID:																Na ₂ S ₂ O ₃ : NaSO ₃																					
Sample Custody Seals: Yes No N/A		Correction Factor:																Zn Acetate+NaOH: Zn																					
Total Containers:		Temperature Reading:																NaOH+Ascorbic Acid: SAPC																					
		Corrected Temperature:																																					
Sample Identification				Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments											
CS-41 (4.5')				1/29/2025				X				Comp		1		X																							
CS-42 (4.5')				1/29/2025				X				Comp		1		X																							
CS-43 (4.5')				1/29/2025				X				Comp		1		X																							
CS-44 (4.5')				1/29/2025				X				Comp		1		X																							
CS-45 (4.5')				1/29/2025				X				Comp		1		X																							
CS-46 (4.5')				1/29/2025				X				Comp		1		X																							
CS-47 (4.5')				1/29/2025				X				Comp		1		X																							
CS-48 (4.5')				1/29/2025				X				Comp		1		X																							
CS-49 (4.5')				1/29/2025				X				Comp		1		X																							
CS-50 (4.5')				1/29/2025				X				Comp		1		X																							

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Carrie M. [Signature]</i>	<i>1/30/23</i>	<i>[Signature]</i>	<i>1/30/23</i>

Chain of Custody

Work Order No:

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Work Order Comments

Program: ☐ US/PST ☐ PRP ☐ rownfields ☐ RC ☐ perfund ☐

State of Project: ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: ☐ EDD ☐ ADAPT ☐ Other: ☐

Project Manager:	Conner Moehring		Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources		Company Name:	
Address:	310 W Wall St Ste 500		Address:	
City, State ZIP:	Midland, TX 79701		City, State ZIP:	
Phone:	432-813-6823		Email:	mcarmona@carmonaresources.com

Project Name:		FC 813H		Turn Around		ANALYSIS REQUEST										Preservative Codes															
Project Number:		2599		☒ Routine ☐ Rush												None: NO DI Water: H ₂ O															
Project Location		Eddy County, New Mexico		Due Date:		Standard												Cool: Cool MeOH: Me													
Sampler's Name:		JM/KR																HCL: HC HNO ₃ : HN													
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na													
SAMPLE RECEIPT		Temp Blank:		Yes		No		Wet Ios:		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-51 (4.5')		1/29/2025				X				Comp		1		X		X		X													
CS-52 (4.5')		1/29/2025				X				Comp		1		X		X		X													
CS-53 (4.5')		1/29/2025				X				Comp		1		X		X		X													
CS-54 (4.5')		1/29/2025				X				Comp		1		X		X		X													
CS-55 (4.5')		1/29/2025				X				Comp		1		X		X		X													
CS-56 (4.5')		1/29/2025				X				Comp		1		X		X		X													
CS-57 (4.5')		1/29/2025				X				Comp		1		X		X		X													
CS-58 (4.5')		1/29/2025				X				Comp		1		X		X		X													
CS-59 (4.5')		1/29/2025				X				Comp		1		X		X		X													
CS-60 (4.5')		1/29/2025				X				Comp		1		X		X		X													

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Carrie M. [Signature]</i>	<i>1/30/25</i>	<i>[Signature]</i>	<i>1/30/25</i>

- 1
- 2
- 3
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- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13**
- 14

Chain of Custody

Work Order No: _____

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Project Manager: Conner Moehring		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-813-6823		Email: mcarmona@carmonaresources.com			

Project Name: FC 813H		Turn Around		Preservative Codes	
Project Number: 2599		☒ Routine ☐ Rush		None: NO DI Water: H ₂ O	
Project Location: Eddy County, New Mexico		Due Date:		Cool: Cool MeOH: Me	
Sampler's Name: JM/KR				HCL: HC HNO ₃ : HN	
PO #:				H ₂ SO ₄ : H ₂ NaOH: Na	

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments	
							Yes	No	Wet Ice:		
CS-61 (4.5')	1/29/2025		X		Comp	1					
CS-62 (4.5')	1/29/2025		X		Comp	1					
CS-63 (4.5')	1/29/2025		X		Comp	1					
CS-64 (4.5')	1/29/2025		X		Comp	1					
CS-65 (4.5')	1/29/2025		X		Comp	1					
CS-66 (4.5')	1/29/2025		X		Comp	1					
CS-67 (4.5')	1/29/2025		X		Comp	1					
CS-68 (4.5')	1/29/2025		X		Comp	1					
CS-69 (4.5')	1/29/2025		X		Comp	1					
CS-70 (4.5')	1/29/2025		X		Comp	1					

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	1/30/25	<i>[Signature]</i>	1/30 925

Chain of Custody

Work Order No:

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Project Manager: Conner Moehring		Bill to: (if different)		Carmona Resources		Work Order Comments											
Company Name: Carmona Resources		Company Name:				Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐											
Address: 310 W Wall St Ste 500		Address:				State of Project: Reporting: Level II ☐ Level III ☐ Level I ☐ RRP ☐ Level IV ☐											
City, State ZIP: Midland, TX 79701		City, State ZIP:				Deliverables: EDD ☐ ADaPT ☐ Other:											
Phone: 432-813-6823		Email: mcarmona@carmonaresources.com															
Project Name: FC 813H		Turn Around		Pria. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number: 2599		☒ Routine ☐ Rush														None: NO DI Water: H ₂ O	
Project Location: Eddy County, New Mexico		Due Date:		Standard												Cool: Cool MeOH: Me	
Sampler's Name: JMKR																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-71 (4.5')		1/29/2025				X				Comp		1					
CS-72 (4.5')		1/29/2025				X				Comp		1					
CS-73 (4.5')		1/29/2025				X				Comp		1					
CS-74 (4.5')		1/29/2025				X				Comp		1					
CS-75 (4.5')		1/29/2025				X				Comp		1					
CS-76 (4.5')		1/29/2025				X				Comp		1					
CS-77 (4.5')		1/29/2025				X				Comp		1					
CS-78 (4.5')		1/29/2025				X				Comp		1					
CS-79 (4.5')		1/29/2025				X				Comp		1					
CS-80 (4.5')		1/29/2025				X				Comp		1					

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

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Date/Time

Coming

5/20/25

130925

Chain of Custody

Work Order No.:

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Project Manager:		Conner Moehring		Bill to: (if different)		Carmona Resources		Work Order Comments									
Company Name:		Carmona Resources		Company Name:				Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐									
Address:		310 W Wall St Ste 500		Address:				State of Project:									
City, State ZIP:		Midland, TX 79701		City, State ZIP:				Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐									
Phone:		432-813-6823		Email: mcarmona@carmonaresources.com				Deliverables: EDD ☐ ADaPT ☐ Other:									
ANALYSIS REQUEST										Preservative Codes							
Project Name:		FC 813H		Turn Around		Pries. Code						None: NO		DI Water: H ₂ O			
Project Number:		2599		☒ Routine ☐ Rush								Cool: Cool				MeOH: Me	
Project Location		Eddy County, New Mexico		Due Date:		Standard						HCL: HC				HNO ₃ : HN	
Sampler's Name:		JMKR										H ₂ SO ₄ : H ₂				NaOH: Na	
PO #:												H ₃ PO ₄ : HP					
SAMPLE RECEIPT		Temp Blank:		Yes		No		Wet Ice:		Yes		No		NaHSO ₄ : NABIS			
Received Intact:		Yes		No		Thermometer ID:								Na ₂ S ₂ O ₃ : NaSO ₃			
Cooler Custody Seals:		Yes		No		N/A		Correction Factor:						Zn Acetate+NaOH: Zn			
Sample Custody Seals:		Yes		No		N/A		Temperature Reading:						NaOH+Ascorbic Acid: SAPC			
Total Containers:								Corrected Temperature:									
Sample Identification				Date		Time		Soil		Water		Grab/Comp		# of Cont		Sample Comments	
CS-81 (4.5')				1/29/2025				X				Comp		1			
CS-82 (4.5')				1/29/2025				X				Comp		1			
CS-83 (4.5')				1/29/2025				X				Comp		1			
CS-84 (4.5')				1/29/2025				X				Comp		1			
CS-85 (4.5')				1/29/2025				X				Comp		1			
CS-86 (4.5')				1/29/2025				X				Comp		1			
CS-87 (4.5')				1/29/2025				X				Comp		1			
CS-88 (4.5')				1/29/2025				X				Comp		1			
CS-89 (4.5')				1/29/2025				X				Comp		1			
CS-90 (4.5')				1/29/2025				X				Comp		1			

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Connie M. [Signature]</i>	<i>1/30/25</i>	<i>[Signature]</i>	<i>1/30/25</i>

Chain of Custody

Work Order No: _____

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Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Site 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

ANALYSIS REQUEST									
Project Name:	Project Number:	Project Location	Sampler's Name:	PO #:	Turn Around			Pres. Code	Sample Comments
					☒ Routine	☐ Rush	Due Date:		
FC 813H	2599	Eddy County, New Mexico	JM/KR		Yes	No			
SAMPLE RECEIPT Received Intact: Yes No Cooler Custody Seals: Yes No N/A Sample Custody Seals: Yes No N/A Total Containers:					Temp Blank: Yes No		Wet Ice: Yes No		
					Thermometer ID:		Correction Factor:		
					Temperature Reading:		Corrected Temperature:		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont			
CS-91 (4.5')	1/29/2025		X		Comp 1	1			
CS-92 (4.5')	1/29/2025		X		Comp 1	1			
CS-93 (4.5')	1/29/2025		X		Comp 1	1			
CS-94 (4.5')	1/29/2025		X		Comp 1	1			
CS-95 (4.5')	1/29/2025		X		Comp 1	1			
CS-96 (4.5')	1/29/2025		X		Comp 1	1			
CS-97 (4.5')	1/29/2025		X		Comp 1	1			
CS-98 (4.5')	1/29/2025		X		Comp 1	1			
CS-99 (4.5')	1/29/2025		X		Comp 1	1			
CS-100 (4.5')	1/29/2025		X		Comp 1	1			
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0
Preservative Codes									
None: NO DI Water: H ₂ O									
Cool: Cool MeOH: Me									
HCL: HC HNO ₃ : HN									
H ₂ SO ₄ : H ₂ NaOH: Na									
H ₃ PO ₄ : HP									
NaHSO ₄ : NABIS									
Na ₂ S ₂ O ₃ : NaSO ₃									
Zn Acetate+NaOH: Zn									
NaOH+Ascorbic Acid: SAPC									

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	1/30/25	<i>[Signature]</i>	1/30/25

Chain of Custody

Work Order No: _____

Page 11 of 15

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Work Order Comments	
Program: UST/PT ☐ PRP ☐ Rowfields ☐ RRC ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

ANALYSIS REQUEST										Preservative Codes			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Pres. Code	Parameters	BTEX 80218	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	None: NO	DI Water: H ₂ O
CS-101 (4.5')	1/29/2025		X		Comp	1			X	X	X		
CS-102 (4.5')	1/29/2025		X		Comp	1			X	X	X		
CS-103 (4.5')	1/29/2025		X		Comp	1			X	X	X		
CS-104 (4.5')	1/29/2025		X		Comp	1			X	X	X		
CS-105 (4.5')	1/29/2025		X		Comp	1			X	X	X		
CS-106 (4.5')	1/29/2025		X		Comp	1			X	X	X		
CS-107 (4.5')	1/29/2025		X		Comp	1			X	X	X		
SW-1 (4.5')	1/29/2025		X		Comp	1			X	X	X		
SW-2 (4.5')	1/29/2025		X		Comp	1			X	X	X		
SW-3 (4.5')	1/29/2025		X		Comp	1			X	X	X		

Received Intact:	Yes	No	Thermometer ID:	
Cooler Custody Seals:	Yes	No	Correction Factor:	
Sample Custody Seals:	Yes	No	Temperature Reading:	
Total Containers:			Corrected Temperature:	

Temp Blank:	Yes	No	Wet loc:	Yes	No
Thermometer ID:			Correction Factor:		
Temperature Reading:			Corrected Temperature:		

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	1/30/25	<i>[Signature]</i>	1/30/25

Chain of Custody

Work Order No:

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Project Manager:	Conner Moehring			Bill to: (if different)		Carmona Resources		Work Order Comments																																																																																	
Company Name:	Carmona Resources			Company Name:				Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐																																																																																	
Address:	310 W Wall St Ste 500			Address:				State of Project:																																																																																	
City, State ZIP:	Midland, TX 79701			City, State ZIP:				Reporting: Level II ☐ Level III ☐ UST ☐ RRP ☐ Level IV ☐																																																																																	
Phone:	432-813-6823			Email: mcarmona@carmonaresources.com				Deliverables: EDD ☐ ADaPT ☐ Other:																																																																																	
Project Name:										ANALYSIS REQUEST										Preservative Codes																																																																					
Project Number:										FC 813H										None: NO										DI Water: H ₂ O																																																											
Project Location:										Eddy County, New Mexico										2599										Cool: Cool										MeOH: Me																																																	
Sampler's Name:										JM/KR										Due Date:										Standard										HCL: HC										HNO ₃ : HN																																							
PO #:																																								H ₂ SO ₄ : H ₂										NaOH: Na																																							
SAMPLE RECEIPT										Temp Blank:										Yes										No										H ₃ PO ₄ : HP																																																	
Received Intact:										Yes										No										Thermometer ID:																				NaHSO ₄ : NABIS																																							
Cooler Custody Seals:										Yes										No										N/A										Correction Factor:																				Na ₂ S ₂ O ₃ : NaSO ₃																													
Sample Custody Seals:										Yes										No										N/A										Temperature Reading:																				Zn Acetate+NaOH: Zn																													
Total Containers:																																								Corrected Temperature:																				NaOH+Ascorbic Acid: SAPC																													
Sample Identification										Date										Time										Soil										Water										Grab/Comp										# of Cont										Sample Comments																			
SW-4 (4.5')										1/29/2025																				X																				Comp										1										X																			
SW-5 (4.5')										1/29/2025																				X																				Comp										1										X																			
SW-6 (4.5')										1/29/2025																				X																				Comp										1										X																			
SW-7 (4.5')										1/29/2025																				X																				Comp										1										X																			
SW-8 (4.5')										1/29/2025																				X																				Comp										1										X																			
SW-9 (4.5')										1/29/2025																				X																				Comp										1										X																			
SW-10 (4.5')										1/29/2025																				X																				Comp										1										X																			
SW-11 (4.5')										1/29/2025																				X																				Comp										1										X																			
SW-12 (4.5')										1/29/2025																				X																				Comp										1										X																			
SW-13 (4.5')										1/29/2025																				X																				Comp										1										X																			

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>James M. Ford</i>	1/20/25	<i>[Signature]</i>	1/20/25

Chain of Custody

Work Order No: _____

Page 13 of 15

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ IRC ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	Turn Around ☒ Routine ☐ Rush Due Date: _____ Standard _____	Project Number: 2599 Project Location: Eddy County, New Mexico Sampler's Name: JM/KR PO #: _____	Project Name: FC 813H
SW-14 (4.5')	1/29/2025		X		Comp	1					
SW-15 (4.5')	1/29/2025		X		Comp	1					
SW-16 (4.5')	1/29/2025		X		Comp	1					
SW-17 (4.5')	1/29/2025		X		Comp	1					
SW-18 (4.5')	1/29/2025		X		Comp	1					
SW-19 (4.5')	1/29/2025		X		Comp	1					
SW-20 (4.5')	1/29/2025		X		Comp	1					
SW-21 (4.5')	1/29/2025		X		Comp	1					
SW-22 (4.5')	1/29/2025		X		Comp	1					
SW-23 (4.5')	1/29/2025		X		Comp	1					
BTEX 80218 TPH 8015M (GRO + DRO + MRO) Chloride 300.0											
										None: NO	DI Water: H ₂ O
										Cod: Cool	MeOH: Me
										HCL: HC	HNO ₃ : HN
										H ₂ SO ₄ : H ₂	NaOH: Na
										H ₃ PO ₄ : HP	
										NaHSO ₄ : NABIS	
										Na ₂ S ₂ O ₃ : NaSO ₃	
										Zn Acetate+NaOH: Zn	
										NaOH+Ascorbic Acid: SAPC	
										Sample Comments	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	1/30/25	<i>[Signature]</i>	1/30/25

Chain of Custody

Work Order No: _____

Page 14 of 15

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ perfund	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	Turn Around ☒ Routine ☐ Rush Due Date: _____ Standard _____	Project Number: 2599 Project Location: Eddy County, New Mexico Sampler's Name: JM/KR PO #: _____	Project Name: FC 813H
SW-24 (4.5')	1/29/2025		X		Comp 1	1	BTEX 80218 TPH 8015M (GRO + DRO + MRO) Chloride 300.0				None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
SW-25 (4.5')	1/29/2025		X		Comp 1	1					
SW-26 (4.5')	1/29/2025		X		Comp 1	1					
SW-27 (4.5')	1/29/2025		X		Comp 1	1					
SW-28 (4.5')	1/29/2025		X		Comp 1	1					
SW-29 (4.5')	1/29/2025		X		Comp 1	1					
SW-30 (4.5')	1/29/2025		X		Comp 1	1					
SW-31 (4.5')	1/29/2025		X		Comp 1	1					
SW-32 (4.5')	1/29/2025		X		Comp 1	1					
SW-33 (4.5')	1/29/2025		X		Comp 1	1					

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	1/30/25	<i>[Signature]</i>	1/30 9:25

Chain of Custody

Work Order No.:

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Work Order Comments	
Program: US/PST	☐ PRP ☐ rownfields ☐ RC ☐ perfund
State of Project:	
Reporting: Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Manager:	Conner Moehring		Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources		Company Name:	
Address:	310 W Wall St Ste 500		Address:	
City, State ZIP:	Midland, TX 79701		City, State ZIP:	
Phone:	432-813-6823		Email:	mcarmona@carmonaresources.com

[illegible]

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Comm. M. J. J.</i>	1/30/25	<i>[Signature]</i>	1/30/25

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-53825-1

SDG Number: Eddy County, New Mexico

Login Number: 53825

List Number: 1

List Source: Eurofins Midland

Creator: Vasquez, Julisa

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/18/2025 4:59:23 PM

JOB DESCRIPTION

FC 813H
2599

JOB NUMBER

880-54488-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
2/18/2025 4:59:23 PM

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

Client: Carmona Resources
Project/Site: FC 813H

Laboratory Job ID: 880-54488-1
SDG: 2599

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Definitions/Glossary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-54488-1
SDG: 2599

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, 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

Case Narrative

Client: Carmona Resources
Project: FC 813H

Job ID: 880-54488-1

Job ID: 880-54488-1

Eurofins Midland

Job Narrative 880-54488-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

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

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

Receipt

The samples were received on 2/14/2025 12:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C.

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-102836 and analytical batch 880-102922 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-102836 and analytical batch 880-102922 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28). These analytes were biased high in the LCS and were within limits for the laboratory control sample duplicate (LCSD); therefore, the data have been reported.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-102836 and analytical batch 880-102922 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 duplicate (LCSD) recovery is within acceptance limits.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-102836/2-A). Percent recoveries are based on the amount spiked.

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

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-54488-1
SDG: 2599

Client Sample ID: CS-10 (5')

Lab Sample ID: 880-54488-1

Date Collected: 02/10/25 00:00

Matrix: Solid

Date Received: 02/14/25 12:45

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		02/14/25 13:56	02/14/25 17:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/25 13:56	02/14/25 17:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/14/25 13:56	02/14/25 17:04	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/14/25 13:56	02/14/25 17:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/25 13:56	02/14/25 17:04	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/14/25 13:56	02/14/25 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	02/14/25 13:56	02/14/25 17:04	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/14/25 13:56	02/14/25 17:04	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			02/14/25 17:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/17/25 20:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1 F1	49.8		mg/Kg		02/14/25 14:52	02/17/25 20:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+ *1 F1	49.8		mg/Kg		02/14/25 14:52	02/17/25 20:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/14/25 14:52	02/17/25 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	02/14/25 14:52	02/17/25 20:37	1
o-Terphenyl	87		70 - 130	02/14/25 14:52	02/17/25 20:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			02/15/25 03:42	1

Client Sample ID: CS-11 (5')

Lab Sample ID: 880-54488-2

Date Collected: 02/10/25 00:00

Matrix: Solid

Date Received: 02/14/25 12:45

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		02/14/25 13:56	02/14/25 17:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/25 13:56	02/14/25 17:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/14/25 13:56	02/14/25 17:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/14/25 13:56	02/14/25 17:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/14/25 13:56	02/14/25 17:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/14/25 13:56	02/14/25 17:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	02/14/25 13:56	02/14/25 17:24	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/14/25 13:56	02/14/25 17:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-54488-1
SDG: 2599

Client Sample ID: CS-11 (5')

Lab Sample ID: 880-54488-2

Date Collected: 02/10/25 00:00

Matrix: Solid

Date Received: 02/14/25 12:45

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			02/14/25 17:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/25 21:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/14/25 14:52	02/17/25 21:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+ *1	50.0		mg/Kg		02/14/25 14:52	02/17/25 21:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/14/25 14:52	02/17/25 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				02/14/25 14:52	02/17/25 21:27	1
o-Terphenyl	78		70 - 130				02/14/25 14:52	02/17/25 21:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			02/15/25 03:49	1

Client Sample ID: SW-36 (4.5')

Lab Sample ID: 880-54488-3

Date Collected: 02/10/25 00:00

Matrix: Solid

Date Received: 02/14/25 12:45

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		02/14/25 13:56	02/14/25 17:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/25 13:56	02/14/25 17:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/14/25 13:56	02/14/25 17:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/14/25 13:56	02/14/25 17:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/14/25 13:56	02/14/25 17:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/14/25 13:56	02/14/25 17:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				02/14/25 13:56	02/14/25 17:45	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/14/25 13:56	02/14/25 17:45	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			02/14/25 17:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/17/25 21:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		02/14/25 14:52	02/17/25 21:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+ *1	49.9		mg/Kg		02/14/25 14:52	02/17/25 21:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-54488-1
SDG: 2599

Client Sample ID: SW-36 (4.5')

Lab Sample ID: 880-54488-3

Date Collected: 02/10/25 00:00

Matrix: Solid

Date Received: 02/14/25 12:45

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		02/14/25 14:52	02/17/25 21:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				02/14/25 14:52	02/17/25 21:43	1
o-Terphenyl	77		70 - 130				02/14/25 14:52	02/17/25 21:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			02/15/25 03:57	1

Client Sample ID: SW-37 (4.5')

Lab Sample ID: 880-54488-4

Date Collected: 02/10/25 00:00

Matrix: Solid

Date Received: 02/14/25 12:45

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		02/14/25 13:56	02/14/25 18:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/25 13:56	02/14/25 18:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/14/25 13:56	02/14/25 18:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/14/25 13:56	02/14/25 18:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/25 13:56	02/14/25 18:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/14/25 13:56	02/14/25 18:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				02/14/25 13:56	02/14/25 18:05	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/14/25 13:56	02/14/25 18:05	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			02/14/25 18:05	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			02/17/25 22:00	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 *1	50.0		mg/Kg		02/14/25 14:52	02/17/25 22:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+ *1	50.0		mg/Kg		02/14/25 14:52	02/17/25 22:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/14/25 14:52	02/17/25 22:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				02/14/25 14:52	02/17/25 22:00	1
o-Terphenyl	79		70 - 130				02/14/25 14:52	02/17/25 22:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/15/25 04:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-54488-1
SDG: 2599

Client Sample ID: SW-38 (4.5')

Lab Sample ID: 880-54488-5

Date Collected: 02/10/25 00:00

Matrix: Solid

Date Received: 02/14/25 12:45

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		02/14/25 13:56	02/14/25 18:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/14/25 13:56	02/14/25 18:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/14/25 13:56	02/14/25 18:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/14/25 13:56	02/14/25 18:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/14/25 13:56	02/14/25 18:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/14/25 13:56	02/14/25 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	02/14/25 13:56	02/14/25 18:26	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/14/25 13:56	02/14/25 18:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/14/25 18:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/17/25 22:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *1	49.7		mg/Kg		02/14/25 14:52	02/17/25 22:15	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+ *1	49.7		mg/Kg		02/14/25 14:52	02/17/25 22:15	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/14/25 14:52	02/17/25 22:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	02/14/25 14:52	02/17/25 22:15	1
o-Terphenyl	78		70 - 130	02/14/25 14:52	02/17/25 22:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			02/15/25 01:28	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-54488-1
SDG: 2599

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)
880-54488-1	CS-10 (5')	119	98
880-54488-2	CS-11 (5')	120	98
880-54488-3	SW-36 (4.5')	118	98
880-54488-4	SW-37 (4.5')	122	98
880-54488-5	SW-38 (4.5')	122	99
890-7671-A-11-C MS	Matrix Spike	104	105
890-7671-A-11-D MSD	Matrix Spike Duplicate	99	103
LCS 880-102770/1-A	Lab Control Sample	100	103
LCSD 880-102770/2-A	Lab Control Sample Dup	99	103
MB 880-102770/5-A	Method Blank	113	93
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)
880-54488-1	CS-10 (5')	96	87
880-54488-1 MS	CS-10 (5')	74	74
880-54488-1 MSD	CS-10 (5')	73	73
880-54488-2	CS-11 (5')	86	78
880-54488-3	SW-36 (4.5')	86	77
880-54488-4	SW-37 (4.5')	89	79
880-54488-5	SW-38 (4.5')	86	78
LCS 880-102836/2-A	Lab Control Sample	152 S1+	161 S1+
LCSD 880-102836/3-A	Lab Control Sample Dup	114	120
MB 880-102836/1-A	Method Blank	122	115
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-54488-1
SDG: 2599

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-102770/5-A

Matrix: Solid

Analysis Batch: 102762

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102770

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:21	02/14/25 11:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:21	02/14/25 11:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:21	02/14/25 11:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/14/25 08:21	02/14/25 11:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:21	02/14/25 11:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/14/25 08:21	02/14/25 11:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	02/14/25 08:21	02/14/25 11:14	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/14/25 08:21	02/14/25 11:14	1

Lab Sample ID: LCS 880-102770/1-A

Matrix: Solid

Analysis Batch: 102762

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102770

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1063		mg/Kg		106	70 - 130
Toluene	0.100	0.1102		mg/Kg		110	70 - 130
Ethylbenzene	0.100	0.1001		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2082		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1051		mg/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-102770/2-A

Matrix: Solid

Analysis Batch: 102762

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102770

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1092		mg/Kg		109	70 - 130	3	35
Toluene	0.100	0.1117		mg/Kg		112	70 - 130	1	35
Ethylbenzene	0.100	0.1014		mg/Kg		101	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2104		mg/Kg		105	70 - 130	1	35
o-Xylene	0.100	0.1052		mg/Kg		105	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 890-7671-A-11-C MS

Matrix: Solid

Analysis Batch: 102762

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 102770

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.09978		mg/Kg		100	70 - 130
Toluene	<0.00200	U	0.0998	0.09944		mg/Kg		100	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-54488-1
SDG: 2599

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

Lab Sample ID: 890-7671-A-11-C MS

Matrix: Solid

Analysis Batch: 102762

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 102770

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0998	0.08728		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1808		mg/Kg		91	70 - 130
o-Xylene	<0.00200	U	0.0998	0.09096		mg/Kg		91	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-7671-A-11-D MSD

Matrix: Solid

Analysis Batch: 102762

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 102770

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.09908		mg/Kg		99	70 - 130	1	35
Toluene	<0.00200	U	0.0996	0.09685		mg/Kg		97	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.0996	0.08424		mg/Kg		85	70 - 130	4	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1731		mg/Kg		87	70 - 130	4	35
o-Xylene	<0.00200	U	0.0996	0.08950		mg/Kg		90	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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

Lab Sample ID: MB 880-102836/1-A

Matrix: Solid

Analysis Batch: 102922

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102836

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		02/14/25 14:51	02/17/25 19:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/14/25 14:51	02/17/25 19:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/14/25 14:51	02/17/25 19:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	02/14/25 14:51	02/17/25 19:50	1
o-Terphenyl	115		70 - 130	02/14/25 14:51	02/17/25 19:50	1

Lab Sample ID: LCS 880-102836/2-A

Matrix: Solid

Analysis Batch: 102922

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102836

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1170		mg/Kg		117	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1331	*+	mg/Kg		133	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-54488-1
SDG: 2599

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

Lab Sample ID: LCS 880-102836/2-A

Matrix: Solid

Analysis Batch: 102922

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102836

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	152	S1+	70 - 130
o-Terphenyl	161	S1+	70 - 130

Lab Sample ID: LCSD 880-102836/3-A

Matrix: Solid

Analysis Batch: 102922

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102836

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	933.0	*1	mg/Kg		93	70 - 130	22	20
Diesel Range Organics (Over C10-C28)	1000	1010	*1	mg/Kg		101	70 - 130	27	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	120		70 - 130

Lab Sample ID: 880-54488-1 MS

Matrix: Solid

Analysis Batch: 102922

Client Sample ID: CS-10 (5')

Prep Type: Total/NA

Prep Batch: 102836

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1 F1	996	634.5	F1	mg/Kg		64	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U ** *1 F1	996	674.8	F1	mg/Kg		68	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	74		70 - 130
o-Terphenyl	74		70 - 130

Lab Sample ID: 880-54488-1 MSD

Matrix: Solid

Analysis Batch: 102922

Client Sample ID: CS-10 (5')

Prep Type: Total/NA

Prep Batch: 102836

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1 F1	996	609.3	F1	mg/Kg		61	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.8	U ** *1 F1	996	668.5	F1	mg/Kg		67	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	73		70 - 130
o-Terphenyl	73		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-54488-1
SDG: 2599

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-102817/1-A

Matrix: Solid

Analysis Batch: 102843

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/15/25 00:21	1

Lab Sample ID: LCS 880-102817/2-A

Matrix: Solid

Analysis Batch: 102843

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	260.5		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-102817/3-A

Matrix: Solid

Analysis Batch: 102843

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	254.7		mg/Kg		102	90 - 110	2	20

Lab Sample ID: 880-54490-A-1-B MS

Matrix: Solid

Analysis Batch: 102843

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	762		1240	2090		mg/Kg		107	90 - 110

Lab Sample ID: 880-54490-A-1-C MSD

Matrix: Solid

Analysis Batch: 102843

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	762		1240	2105		mg/Kg		108	90 - 110	1	20

Lab Sample ID: 880-54490-A-14-B MS

Matrix: Solid

Analysis Batch: 102843

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	436		1250	1767		mg/Kg		106	90 - 110

Lab Sample ID: 880-54490-A-14-C MSD

Matrix: Solid

Analysis Batch: 102843

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	436		1250	1760		mg/Kg		106	90 - 110	0	20

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QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-54488-1
SDG: 2599

GC VOA

Analysis Batch: 102762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54488-1	CS-10 (5')	Total/NA	Solid	8021B	102770
880-54488-2	CS-11 (5')	Total/NA	Solid	8021B	102770
880-54488-3	SW-36 (4.5')	Total/NA	Solid	8021B	102770
880-54488-4	SW-37 (4.5')	Total/NA	Solid	8021B	102770
880-54488-5	SW-38 (4.5')	Total/NA	Solid	8021B	102770
MB 880-102770/5-A	Method Blank	Total/NA	Solid	8021B	102770
LCS 880-102770/1-A	Lab Control Sample	Total/NA	Solid	8021B	102770
LCSD 880-102770/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	102770
890-7671-A-11-C MS	Matrix Spike	Total/NA	Solid	8021B	102770
890-7671-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	102770

Prep Batch: 102770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54488-1	CS-10 (5')	Total/NA	Solid	5035	
880-54488-2	CS-11 (5')	Total/NA	Solid	5035	
880-54488-3	SW-36 (4.5')	Total/NA	Solid	5035	
880-54488-4	SW-37 (4.5')	Total/NA	Solid	5035	
880-54488-5	SW-38 (4.5')	Total/NA	Solid	5035	
MB 880-102770/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-102770/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-102770/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7671-A-11-C MS	Matrix Spike	Total/NA	Solid	5035	
890-7671-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 102941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54488-1	CS-10 (5')	Total/NA	Solid	Total BTEX	
880-54488-2	CS-11 (5')	Total/NA	Solid	Total BTEX	
880-54488-3	SW-36 (4.5')	Total/NA	Solid	Total BTEX	
880-54488-4	SW-37 (4.5')	Total/NA	Solid	Total BTEX	
880-54488-5	SW-38 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 102836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54488-1	CS-10 (5')	Total/NA	Solid	8015NM Prep	
880-54488-2	CS-11 (5')	Total/NA	Solid	8015NM Prep	
880-54488-3	SW-36 (4.5')	Total/NA	Solid	8015NM Prep	
880-54488-4	SW-37 (4.5')	Total/NA	Solid	8015NM Prep	
880-54488-5	SW-38 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-102836/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-102836/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-102836/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-54488-1 MS	CS-10 (5')	Total/NA	Solid	8015NM Prep	
880-54488-1 MSD	CS-10 (5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 102922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54488-1	CS-10 (5')	Total/NA	Solid	8015B NM	102836
880-54488-2	CS-11 (5')	Total/NA	Solid	8015B NM	102836

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-54488-1
SDG: 2599

GC Semi VOA (Continued)

Analysis Batch: 102922 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54488-3	SW-36 (4.5')	Total/NA	Solid	8015B NM	102836
880-54488-4	SW-37 (4.5')	Total/NA	Solid	8015B NM	102836
880-54488-5	SW-38 (4.5')	Total/NA	Solid	8015B NM	102836
MB 880-102836/1-A	Method Blank	Total/NA	Solid	8015B NM	102836
LCS 880-102836/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	102836
LCSD 880-102836/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	102836
880-54488-1 MS	CS-10 (5')	Total/NA	Solid	8015B NM	102836
880-54488-1 MSD	CS-10 (5')	Total/NA	Solid	8015B NM	102836

Analysis Batch: 103104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54488-1	CS-10 (5')	Total/NA	Solid	8015 NM	
880-54488-2	CS-11 (5')	Total/NA	Solid	8015 NM	
880-54488-3	SW-36 (4.5')	Total/NA	Solid	8015 NM	
880-54488-4	SW-37 (4.5')	Total/NA	Solid	8015 NM	
880-54488-5	SW-38 (4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 102817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54488-1	CS-10 (5')	Soluble	Solid	DI Leach	
880-54488-2	CS-11 (5')	Soluble	Solid	DI Leach	
880-54488-3	SW-36 (4.5')	Soluble	Solid	DI Leach	
880-54488-4	SW-37 (4.5')	Soluble	Solid	DI Leach	
880-54488-5	SW-38 (4.5')	Soluble	Solid	DI Leach	
MB 880-102817/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-102817/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-102817/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-54490-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-54490-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-54490-A-14-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-54490-A-14-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 102843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54488-1	CS-10 (5')	Soluble	Solid	300.0	102817
880-54488-2	CS-11 (5')	Soluble	Solid	300.0	102817
880-54488-3	SW-36 (4.5')	Soluble	Solid	300.0	102817
880-54488-4	SW-37 (4.5')	Soluble	Solid	300.0	102817
880-54488-5	SW-38 (4.5')	Soluble	Solid	300.0	102817
MB 880-102817/1-A	Method Blank	Soluble	Solid	300.0	102817
LCS 880-102817/2-A	Lab Control Sample	Soluble	Solid	300.0	102817
LCSD 880-102817/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	102817
880-54490-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	102817
880-54490-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	102817
880-54490-A-14-B MS	Matrix Spike	Soluble	Solid	300.0	102817
880-54490-A-14-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	102817

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-54488-1
SDG: 2599

Client Sample ID: CS-10 (5')

Lab Sample ID: 880-54488-1

Date Collected: 02/10/25 00:00

Matrix: Solid

Date Received: 02/14/25 12:45

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	102770	02/14/25 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102762	02/14/25 17:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102941	02/14/25 17:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103104	02/17/25 20:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102836	02/14/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 20:37	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	102817	02/14/25 13:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102843	02/15/25 03:42	CH	EET MID

Client Sample ID: CS-11 (5')

Lab Sample ID: 880-54488-2

Date Collected: 02/10/25 00:00

Matrix: Solid

Date Received: 02/14/25 12:45

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	102770	02/14/25 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102762	02/14/25 17:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102941	02/14/25 17:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103104	02/17/25 21:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	102836	02/14/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 21:27	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	102817	02/14/25 13:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102843	02/15/25 03:49	CH	EET MID

Client Sample ID: SW-36 (4.5')

Lab Sample ID: 880-54488-3

Date Collected: 02/10/25 00:00

Matrix: Solid

Date Received: 02/14/25 12:45

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	102770	02/14/25 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102762	02/14/25 17:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102941	02/14/25 17:45	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103104	02/17/25 21:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	102836	02/14/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 21:43	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	102817	02/14/25 13:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102843	02/15/25 03:57	CH	EET MID

Client Sample ID: SW-37 (4.5')

Lab Sample ID: 880-54488-4

Date Collected: 02/10/25 00:00

Matrix: Solid

Date Received: 02/14/25 12:45

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	102770	02/14/25 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102762	02/14/25 18:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102941	02/14/25 18:05	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-54488-1
SDG: 2599

Client Sample ID: SW-37 (4.5')
Date Collected: 02/10/25 00:00
Date Received: 02/14/25 12:45

Lab Sample ID: 880-54488-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			103104	02/17/25 22:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	102836	02/14/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 22:00	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	102817	02/14/25 13:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102843	02/15/25 04:04	CH	EET MID

Client Sample ID: SW-38 (4.5')
Date Collected: 02/10/25 00:00
Date Received: 02/14/25 12:45

Lab Sample ID: 880-54488-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	102770	02/14/25 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102762	02/14/25 18:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102941	02/14/25 18:26	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103104	02/17/25 22:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	102836	02/14/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 22:15	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	102817	02/14/25 13:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102843	02/15/25 01:28	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: FC 813H

Job ID: 880-54488-1
SDG: 2599

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: FC 813H

Job ID: 880-54488-1
SDG: 2599

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: FC 813H

Job ID: 880-54488-1
SDG: 2599

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-54488-1	CS-10 (5')	Solid	02/10/25 00:00	02/14/25 12:45
880-54488-2	CS-11 (5')	Solid	02/10/25 00:00	02/14/25 12:45
880-54488-3	SW-36 (4.5')	Solid	02/10/25 00:00	02/14/25 12:45
880-54488-4	SW-37 (4.5')	Solid	02/10/25 00:00	02/14/25 12:45
880-54488-5	SW-38 (4.5')	Solid	02/10/25 00:00	02/14/25 12:45

- 1
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- 11
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- 14

- 1
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- 12
- 13
- 14

Chain of Custody

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Program: UST/PST ☐ PRP ☐ Brownfields ☐ JRC ☐ Perturb ☐	
State of Project:	
Reporting Level: I ☐ Level II ☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐	Deliverables: EDD ☐ ADAPT ☐ Other: ☐

880-54488 Chain of Custody



Project Name:		FC 813H		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			2/19/25 12:45

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-54488-1

SDG Number: 2599

Login Number: 54488

List Number: 1

Creator: Lee, Randell

List Source: Eurofins Midland

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



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Devin Dominguez
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 1/2/2025 12:24:20 PM

JOB DESCRIPTION

Orbit Transfer Pump
2611

JOB NUMBER

880-52661-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
1/2/2025 12:24:20 PM

Authorized for release by
Jessica Kramer, Project Manager
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Client: Carmona Resources
Project/Site: Orbit Transfer Pump

Laboratory Job ID: 880-52661-1
SDG: 2611

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Orbit Transfer Pump

Job ID: 880-52661-1
SDG: 2611

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
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
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Orbit Transfer Pump

Job ID: 880-52661-1

Job ID: 880-52661-1

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Job Narrative
880-52661-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

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

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

Receipt

The sample was received on 12/27/2024 9:56 AM. 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 4.1°C.

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-98785 and 880-98969 and analytical batch 880-98922 was outside the upper control limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-98922 recovered under the lower control limit for Ethylbenzene and m-Xylene & p-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

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

Diesel Range Organics

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Orbit Transfer Pump

Job ID: 880-52661-1
SDG: 2611

Client Sample ID: Background

Lab Sample ID: 880-52661-1

Date Collected: 12/23/24 00:00

Matrix: Solid

Date Received: 12/27/24 09:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/27/24 14:31	12/28/24 09:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/27/24 14:31	12/28/24 09:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/27/24 14:31	12/28/24 09:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/27/24 14:31	12/28/24 09:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/27/24 14:31	12/28/24 09:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/27/24 14:31	12/28/24 09:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/27/24 14:31	12/28/24 09:02	1
1,4-Difluorobenzene (Surr)	100		70 - 130	12/27/24 14:31	12/28/24 09:02	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			12/28/24 09:02	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			12/27/24 23:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/27/24 14:21	12/27/24 23:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/27/24 14:21	12/27/24 23:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/27/24 14:21	12/27/24 23:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	12/27/24 14:21	12/27/24 23:06	1
o-Terphenyl	74		70 - 130	12/27/24 14:21	12/27/24 23:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		9.96		mg/Kg			12/31/24 15:55	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Orbit Transfer Pump

Job ID: 880-52661-1
SDG: 2611

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)
880-52661-1	Background	115	100
880-52663-A-1-B MS	Matrix Spike	130	98
880-52663-A-1-C MSD	Matrix Spike Duplicate	112	103
LCS 880-98969/1-A	Lab Control Sample	116	89
LCSD 880-98969/2-A	Lab Control Sample Dup	108	105
MB 880-98785/5-A	Method Blank	153 S1+	83
MB 880-98969/5-A	Method Blank	227 S1+	123
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)
880-52655-A-1-H MS	Matrix Spike	76	72
880-52655-A-1-I MSD	Matrix Spike Duplicate	77	72
880-52661-1	Background	75	74
LCS 880-98966/2-A	Lab Control Sample	122	107
LCSD 880-98966/3-A	Lab Control Sample Dup	112	99
MB 880-98966/1-A	Method Blank	84	81
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Orbit Transfer Pump

Job ID: 880-52661-1
SDG: 2611

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98785/5-A

Matrix: Solid

Analysis Batch: 98922

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98785

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/26/24 09:36	12/27/24 13:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/26/24 09:36	12/27/24 13:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/26/24 09:36	12/27/24 13:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/26/24 09:36	12/27/24 13:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/26/24 09:36	12/27/24 13:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/26/24 09:36	12/27/24 13:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130	12/26/24 09:36	12/27/24 13:00	1
1,4-Difluorobenzene (Surr)	83		70 - 130	12/26/24 09:36	12/27/24 13:00	1

Lab Sample ID: MB 880-98969/5-A

Matrix: Solid

Analysis Batch: 98922

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98969

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/27/24 14:31	12/28/24 00:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/27/24 14:31	12/28/24 00:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/27/24 14:31	12/28/24 00:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/27/24 14:31	12/28/24 00:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/27/24 14:31	12/28/24 00:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/27/24 14:31	12/28/24 00:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	227	S1+	70 - 130	12/27/24 14:31	12/28/24 00:36	1
1,4-Difluorobenzene (Surr)	123		70 - 130	12/27/24 14:31	12/28/24 00:36	1

Lab Sample ID: LCS 880-98969/1-A

Matrix: Solid

Analysis Batch: 98922

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98969

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1005		mg/Kg		101	70 - 130
Toluene	0.100	0.1016		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1006		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2269		mg/Kg		113	70 - 130
o-Xylene	0.100	0.1185		mg/Kg		119	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: LCSD 880-98969/2-A

Matrix: Solid

Analysis Batch: 98922

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98969

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1078		mg/Kg		108	70 - 130	7	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Orbit Transfer Pump

Job ID: 880-52661-1
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Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-98969/2-A

Matrix: Solid

Analysis Batch: 98922

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98969

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Toluene	0.100	0.1031		mg/Kg		103	70 - 130	1		35
Ethylbenzene	0.100	0.09733		mg/Kg		97	70 - 130	3		35
m-Xylene & p-Xylene	0.200	0.2192		mg/Kg		110	70 - 130	3		35
o-Xylene	0.100	0.1161		mg/Kg		116	70 - 130	2		35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-52663-A-1-B MS

Matrix: Solid

Analysis Batch: 98922

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 98969

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Benzene	<0.00199	U	0.0996	0.09767		mg/Kg		98	70 - 130	
Toluene	<0.00199	U	0.0996	0.08745		mg/Kg		88	70 - 130	
Ethylbenzene	<0.00199	U	0.0996	0.08207		mg/Kg		81	70 - 130	
m-Xylene & p-Xylene	0.00818		0.199	0.2184		mg/Kg		106	70 - 130	
o-Xylene	0.00492		0.0996	0.1214		mg/Kg		117	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	130		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-52663-A-1-C MSD

Matrix: Solid

Analysis Batch: 98922

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 98969

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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

Lab Sample ID: MB 880-98966/1-A

Matrix: Solid

Analysis Batch: 98974

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98966

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/27/24 09:00	12/27/24 09:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/27/24 09:00	12/27/24 09:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/27/24 09:00	12/27/24 09:48	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	84		70 - 130	12/27/24 09:00	12/27/24 09:48	1
o-Terphenyl	81		70 - 130	12/27/24 09:00	12/27/24 09:48	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Orbit Transfer Pump

Job ID: 880-52661-1
SDG: 2611

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

Lab Sample ID: LCS 880-98966/2-A

Matrix: Solid

Analysis Batch: 98974

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98966

Analyte			Spike	LCS	LCS				%Rec		
			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1077		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1026		mg/Kg		103	70 - 130		
		LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	122		70 - 130								
o-Terphenyl	107		70 - 130								

Lab Sample ID: LCSD 880-98966/3-A

Matrix: Solid

Analysis Batch: 98974

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98966

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier			Limits	Limit		
Gasoline Range Organics (GRO)-C6-C10			1000	997.4		mg/Kg		100	70 - 130	8	20
Diesel Range Organics (Over C10-C28)			1000	933.2		mg/Kg		93	70 - 130	9	20
Surrogate	LCSD	LCSD	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	112		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 880-52655-A-1-H MS

Matrix: Solid

Analysis Batch: 98974

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 98966

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	748.1		mg/Kg		75	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	996	727.7		mg/Kg		70	70 - 130		
Surrogate	MS	MS	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	76		70 - 130								
o-Terphenyl	72		70 - 130								

Lab Sample ID: 880-52655-A-1-I MSD

Matrix: Solid

Analysis Batch: 98974

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 98966

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	780.9		mg/Kg		78	70 - 130	4 20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	762.1		mg/Kg		73	70 - 130	5 20
	MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	77		70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: Orbit Transfer Pump

Job ID: 880-52661-1
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Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-52655-A-1-I MSD
Matrix: Solid
Analysis Batch: 98974

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 98966

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	72		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-99156/1-A
Matrix: Solid
Analysis Batch: 99184

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<10.0	U	10.0		mg/Kg			12/31/24 15:38		1

Lab Sample ID: LCS 880-99156/2-A
Matrix: Solid
Analysis Batch: 99184

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte		Spike	LCS	LCS				%Rec		
		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride		250	262.9		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-99156/3-A
Matrix: Solid
Analysis Batch: 99184

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

Analyte		Spike	LCSD	LCSD				%Rec		RPD
		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride		250	263.6		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-52661-1 MS
Matrix: Solid
Analysis Batch: 99184

Client Sample ID: Background
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS			%Rec		
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	111		249	338.1		mg/Kg		91	90 - 110	

Lab Sample ID: 880-52661-1 MSD
Matrix: Solid
Analysis Batch: 99184

Client Sample ID: Background
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MSD	MSD			%Rec		RPD
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	Limit
Chloride	111		249	338.2		mg/Kg		91	90 - 110	0 20

QC Association Summary

Client: Carmona Resources
Project/Site: Orbit Transfer Pump

Job ID: 880-52661-1
SDG: 2611

GC VOA

Prep Batch: 98785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-98785/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 98922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52661-1	Background	Total/NA	Solid	8021B	98969
MB 880-98785/5-A	Method Blank	Total/NA	Solid	8021B	98785
MB 880-98969/5-A	Method Blank	Total/NA	Solid	8021B	98969
LCS 880-98969/1-A	Lab Control Sample	Total/NA	Solid	8021B	98969
LCSD 880-98969/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98969
880-52663-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	98969
880-52663-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	98969

Prep Batch: 98969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52661-1	Background	Total/NA	Solid	5035	
MB 880-98969/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98969/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98969/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-52663-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-52663-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 99118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52661-1	Background	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52661-1	Background	Total/NA	Solid	8015NM Prep	
MB 880-98966/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98966/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98966/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-52655-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-52655-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52661-1	Background	Total/NA	Solid	8015B NM	98966
MB 880-98966/1-A	Method Blank	Total/NA	Solid	8015B NM	98966
LCS 880-98966/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98966
LCSD 880-98966/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98966
880-52655-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	98966
880-52655-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	98966

Analysis Batch: 99081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52661-1	Background	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Orbit Transfer Pump

Job ID: 880-52661-1
SDG: 2611

HPLC/IC

Leach Batch: 99156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52661-1	Background	Soluble	Solid	DI Leach	
MB 880-99156/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-99156/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-99156/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-52661-1 MS	Background	Soluble	Solid	DI Leach	
880-52661-1 MSD	Background	Soluble	Solid	DI Leach	

Analysis Batch: 99184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52661-1	Background	Soluble	Solid	300.0	99156
MB 880-99156/1-A	Method Blank	Soluble	Solid	300.0	99156
LCS 880-99156/2-A	Lab Control Sample	Soluble	Solid	300.0	99156
LCSD 880-99156/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	99156
880-52661-1 MS	Background	Soluble	Solid	300.0	99156
880-52661-1 MSD	Background	Soluble	Solid	300.0	99156

Lab Chronicle

Client: Carmona Resources
Project/Site: Orbit Transfer Pump

Job ID: 880-52661-1
SDG: 2611

Client Sample ID: Background
Date Collected: 12/23/24 00:00
Date Received: 12/27/24 09:56

Lab Sample ID: 880-52661-1
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			5.00 g	5 mL	98969	12/27/24 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	98922	12/28/24 09:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99118	12/28/24 09:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			99081	12/27/24 23:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	98966	12/27/24 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98974	12/27/24 23:06	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	99156	12/31/24 09:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99184	12/31/24 15:55	SMC	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: Orbit Transfer Pump

Job ID: 880-52661-1
SDG: 2611

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Orbit Transfer Pump

Job ID: 880-52661-1
SDG: 2611

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: Orbit Transfer Pump

Job ID: 880-52661-1
SDG: 2611

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-52661-1	Background	Solid	12/23/24 00:00	12/27/24 09:56

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Project Manager:	Devlin Dominguez	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-701-5475	Email:	mcarmona@carmonaresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

[illegible]

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	12/27/24 09:56		12/27/24 09:56



880-52661 Chain of Custody

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-52661-1

SDG Number: 2611

Login Number: 52661

List Number: 1

Creator: Lee, Randell

List Source: Eurofins Midland

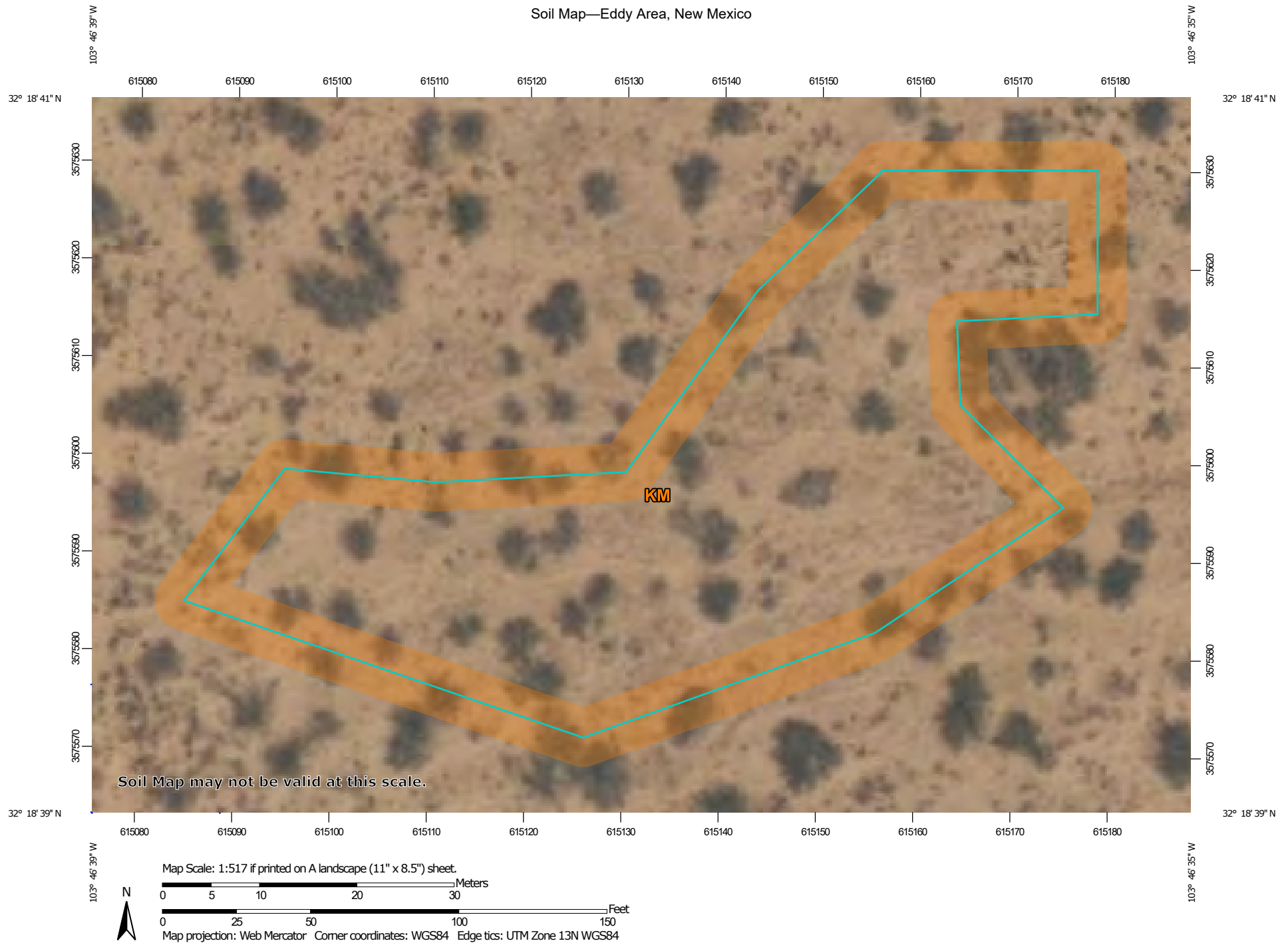
Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature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

APPENDIX F

CARMONA RESOURCES



Soil Map—Eddy Area, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

3/4/2025
Page 1 of 3

Soil Map—Eddy Area, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 20, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KM	Kermit-Berino fine sands, 0 to 3 percent slopes	0.6	100.0%
Totals for Area of Interest		0.6	100.0%

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

KM—Kermit-Berino fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4q

Elevation: 3,100 to 4,200 feet

Mean annual precipitation: 10 to 14 inches

Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 190 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent

Berino and similar soils: 35 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand

H2 - 7 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Excessively drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Description of Berino

Setting

Landform: Plains, fan piedmonts
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand
H2 - 17 to 50 inches: fine sandy loam
H3 - 50 to 58 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Active dune land

Percent of map unit: 15 percent
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 20, Sep 3, 2024



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

May 30, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: SEBASTIAN FED COM 1H FLARE FIRE

Enclosed are the results of analyses for samples received by the laboratory on 05/29/24 9:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 05/29/2024
 Reported: 05/30/2024
 Project Name: SEBASTIAN FED COM 1H FLARE FIRE
 Project Number: 2357
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: QUAIL RANCH DELAWARE BASIN ROAD PIT (H242963-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/29/2024	ND	1.68	83.8	2.00	4.35	
Toluene*	<0.050	0.050	05/29/2024	ND	1.75	87.4	2.00	4.11	
Ethylbenzene*	<0.050	0.050	05/29/2024	ND	1.82	91.2	2.00	3.16	
Total Xylenes*	<0.150	0.150	05/29/2024	ND	5.54	92.3	6.00	2.31	
Total BTX	<0.300	0.300	05/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/29/2024	ND	221	111	200	0.609	
DRO >C10-C28*	<10.0	10.0	05/29/2024	ND	218	109	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	05/29/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 1124729103

Page 1 of 1

Page 4 of 4

[illegible]

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 519609

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 519609
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2434137511
Incident Name	NAPP2434137511 CAT LANTA FC 813H SPILL @ 30-015-55540
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Well	[30-015-55540] CAT LANTA 16 4 FEDERAL COM #813H

Location of Release Source*Please answer all the questions in this group.*

Site Name	CAT LANTA FC 813H SPILL
Date Release Discovered	12/05/2024
Surface Owner	State

Incident Details*Please answer all the questions in this group.*

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

Nature and Volume of Release*Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 204 BBL Recovered: 0 BBL Lost: 204 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Layflat line for water transfer failed. Allowing release to pasture. NMOCD and SLO notified via email 12/6/2024

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

QUESTIONS, Page 2

Action 519609

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 519609
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 10/23/2025
--	---

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 3

Action 519609

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 519609
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	12900
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	01/13/2025
On what date will (or did) the final sampling or liner inspection occur	02/10/2025
On what date will (or was) the remediation complete(d)	02/28/2025
What is the estimated surface area (in square feet) that will be reclaimed	18300
What is the estimated volume (in cubic yards) that will be reclaimed	3566
What is the estimated surface area (in square feet) that will be remediated	18300
What is the estimated volume (in cubic yards) that will be remediated	3566
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS, Page 4

Action 519609

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 519609
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 10/23/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 519609

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 519609
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Action 519609

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 519609
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	429198
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/10/2025
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	800

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	18300
What was the total volume (cubic yards) remediated	3566
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	18300
What was the total volume (in cubic yards) reclaimed	3566
Summarize any additional remediation activities not included by answers (above)	Remediation Complete
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 10/23/2025

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QUESTIONS, Page 7

Action 519609

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 519609
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	18300
What was the total volume of replacement material (in cubic yards) for this site	3566
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	02/28/2025
Summarize any additional reclamation activities not included by answers (above)	Reclamation complete
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 10/23/2025

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Action 519609

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 519609
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 519609

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 519609
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	11/7/2025