

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Cotton Draw Section 4 Sat (04.07.2026)
Incident ID: nAPP2609830164
Lea County, New Mexico
Unit J, Sec 04, T25S, R32E
32.155733°, -103.677275°

Crude Oil & Produced Water Release
Point of Release: Seal Failure on Transfer Pump
Release Date: 04.07.2026
Volume Released: 0 Barrels of Crude Oil & 44 Barrels of Produced Water
Volume Recovered: 0 Barrels of Crude Oil & 41 Barrels of Produced Water

CARMONA RESOURCES



Prepared for:
Chevron U.S.A, Inc.
6301 Deauville Blvd
Midland, Texas 79706

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

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

TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 REMEDIATION ACTIVITIES

6.0 CONCLUSION

FIGURES

FIGURE 1 OVERVIEW

FIGURE 2

TOPOGRAPHIC

FIGURE 3 SAMPLE LOCATION

FIGURE 4A-4B

EXCAVATION DEPTH

APPENDICES

APPENDIX A TABLES

APPENDIX B PHOTOS

APPENDIX C NMOCD CORRESPONDENCE

APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E LABORATORY REPORTS



May 28, 2026

Mike Bratcher
District Supervisor
Oil Conservation Division, District 1
811 S. First Street
Artesia, New Mexico 88210

Re: Closure Report
Cotton Draw Section 4 Sat (04.07.2026)
Incident ID: nAPP2609830164
Chevron U.S.A., Inc.
Site Location: Unit J, S04, T25S, R32E
(Lat 32.155733°, Long -103.677275°)
Lea County, New Mexico

To whom it concerns:

On behalf of Chevron U.S.A., Inc. (Chevron), Carmona Resources LLC has prepared this letter to document site assessment and remediation activities for the Cotton Draw Section 4 Sat (04.07.2026) release. The site is located at 32.155733°, -103.677275° within Unit J, S04, T25S, R32E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on April 7, 2026, due to a seal failing on a transfer pump. It resulted in approximately zero (0) barrels of crude oil and forty-four (44) barrels of produced water to be released with approximately zero (0) barrels of crude oil and forty-one (41) barrels of produced water recovered. The release was contained to the well pad and the spill boundaries are shown in Figure 3. The Notification of Release and Initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest groundwater determination bore is located approximately 0.33 miles Southwest of the site in S04, T25S, R32E and was drilled in 2024. The determination bore was drilled to a depth of 105' below ground surface (ft bgs). The determination bore was gauged 72 hours later and no evidence of groundwater was detected. 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 and remediating the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO).
- Chloride: 20,000 mg/kg.



4.0 Site Assessment Activities

Initial Assessment

On April 14, 2026, Carmona Resources personnel performed site assessment activities with the use of a hand auger to evaluate soil impacts stemming from the release. A total of five (5) soil samples (S-1 through S-5) and ten (10) horizontal samples (H-1 through H-10) were installed to total depths ranging from surface to 5.0 ft bgs inside and surrounding the release areas. 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 Labs in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and Chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

Vertical delineation was achieved in all borehole samples for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

Horizontal Delineation

Horizontal delineation was achieved in all horizontal samples for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

5.0 Remediation Activities

Between May 12, 2026, and May 15, 2026, Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on May 12, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The entire area was excavated between 1.5' and 2.0' bgs. A total of thirty-nine (39) confirmation floor samples were collected (CS-1 through CS-39), and twenty-eight (28) sidewall samples (SW-1 through SW-28) were collected every 200 square feet to ensure the proper removal of the contaminated soil. 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 4A & 4B.

All final confirmation samples were below the regulatory requirements for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 7,540 square feet of contamination was remediated, resulting in 550 cubic yards of material excavated and transported offsite for proper disposal. A composite sample from Northern Delaware Disposal Backfill Pit, located at 32.208506°, -103.539400°, was collected for laboratory analysis on May 20, 2026, before being utilized. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. Refer to Table 2.

CARMONA RESOURCES



6.0 Conclusions

Based on the assessment and analytical data from the remediation, no further actions are required at the site. Chevron formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Sincerely,

Carmona Resources, LLC

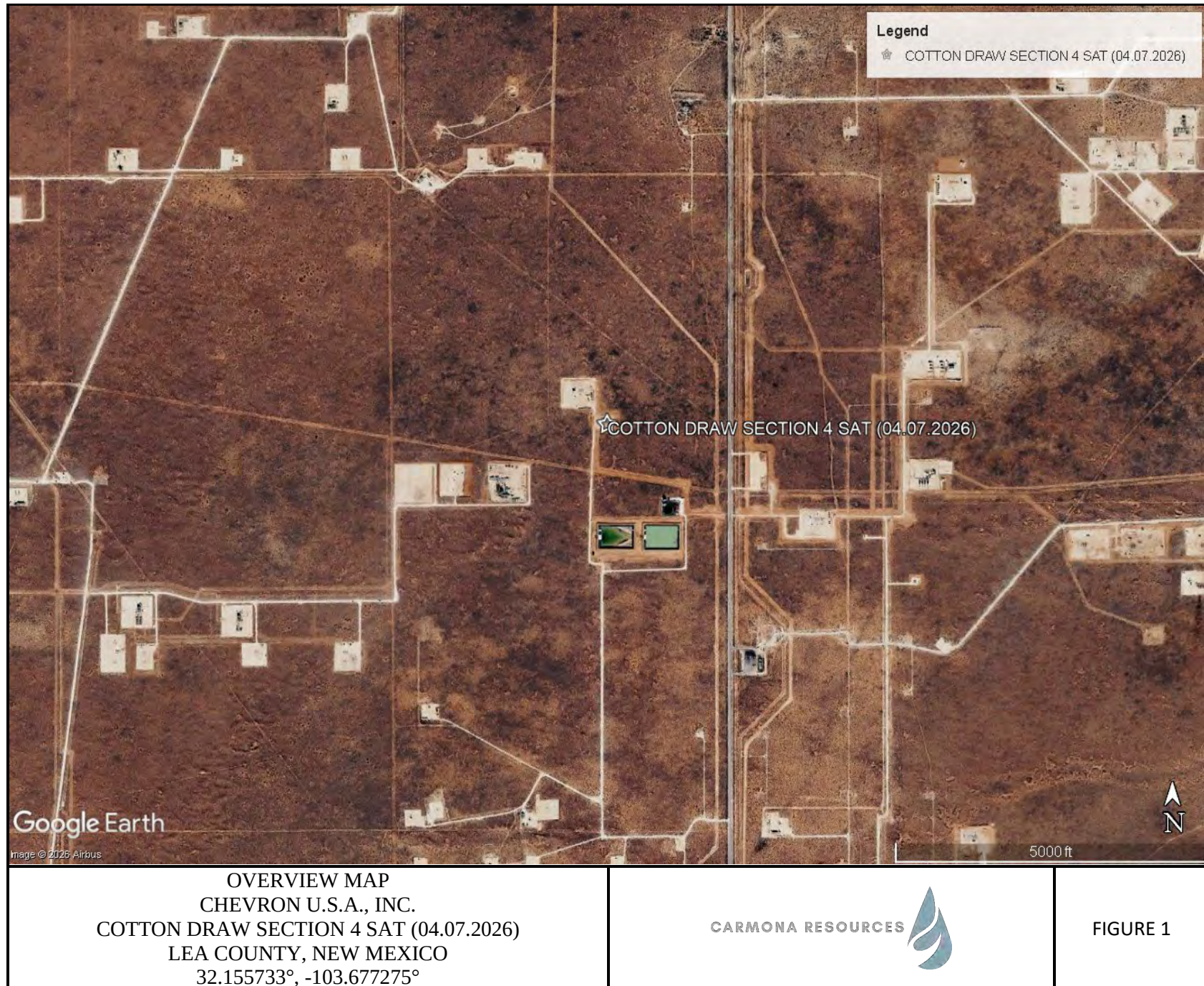
Ashton Thielke
Director of Operations

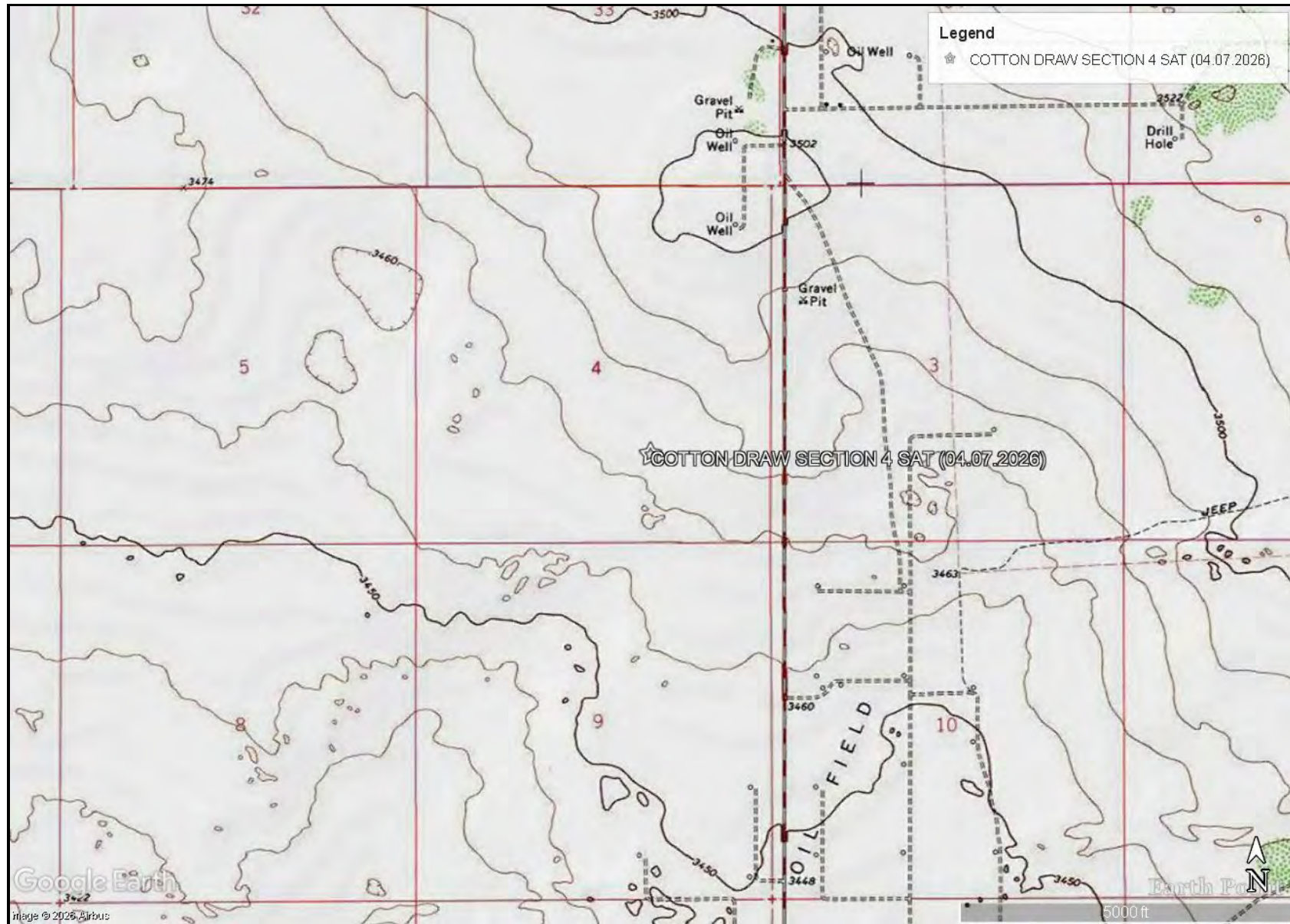
Gilbert Priego
Project Manager

FIGURES

CARMONA RESOURCES





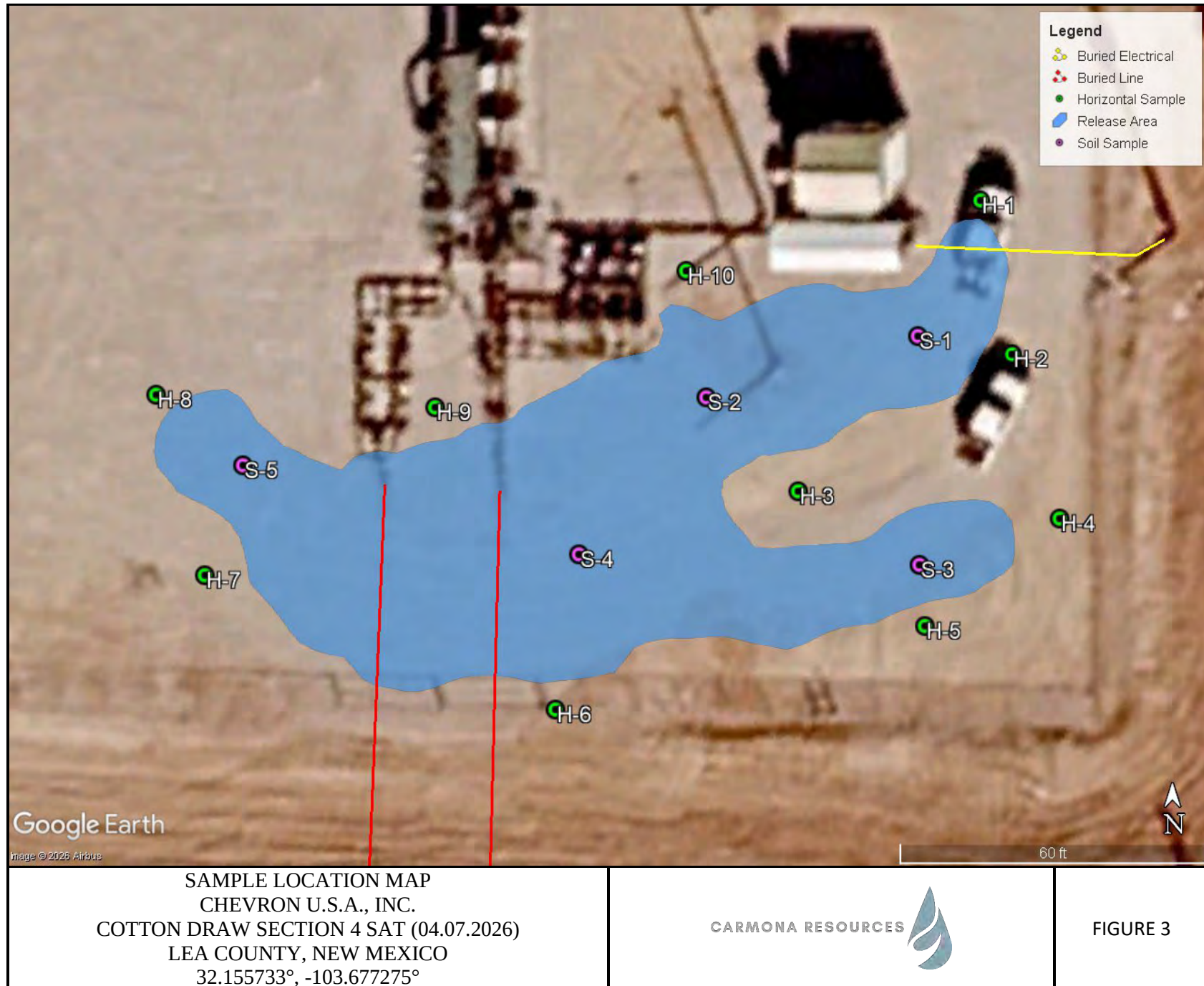


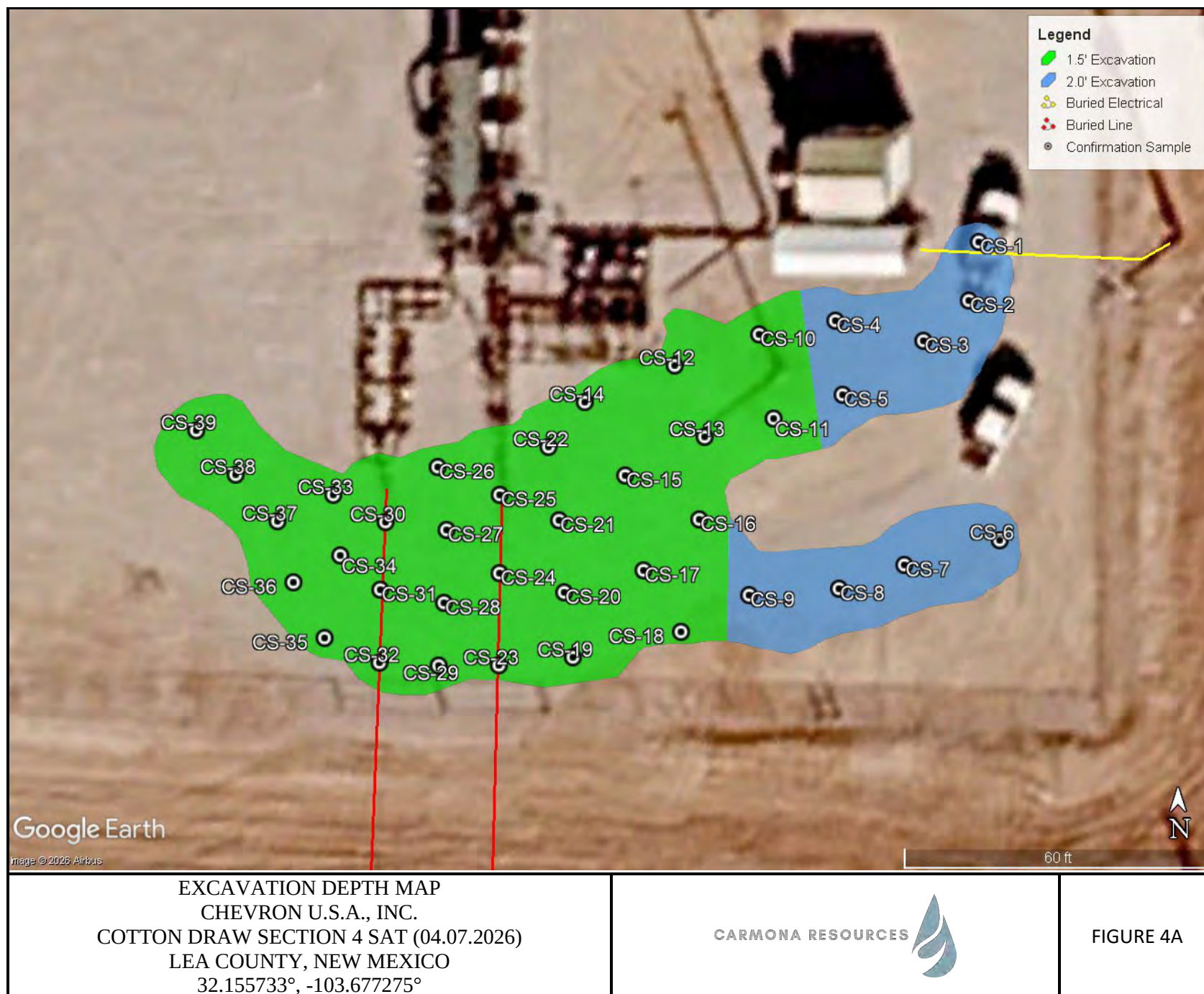
TOPOGRAPHIC MAP
 CHEVRON U.S.A., INC.
 COTTON DRAW SECTION 4 SAT (04.07.2026)
 LEA COUNTY, NEW MEXICO
 32.155733°, -103.677275°

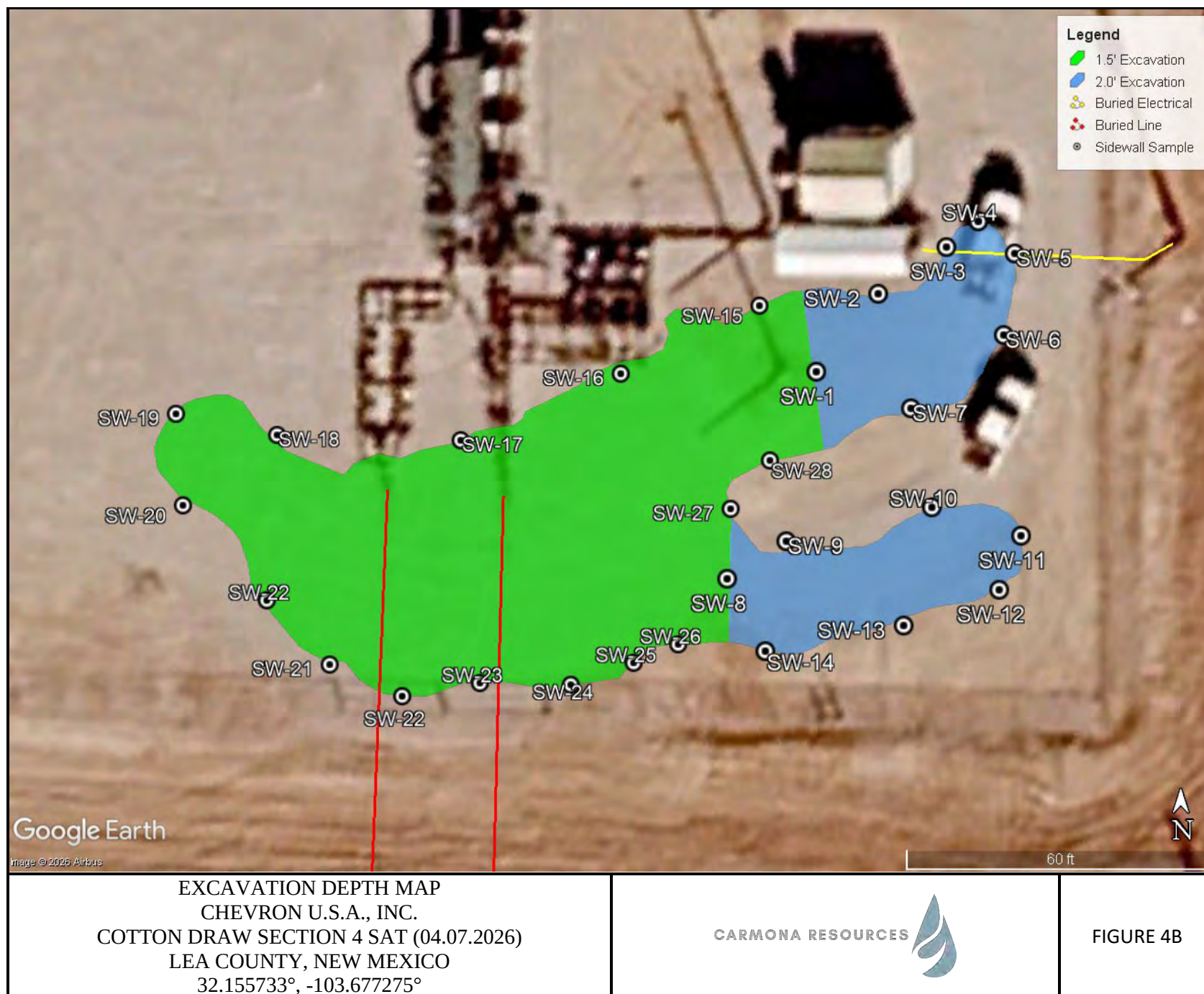
CARMONA RESOURCES



FIGURE 2







APPENDIX A

CARMONA RESOURCES



Table 1
Chevron U.S.A., Inc.
Cotton Draw Section 4 SAT (04.07.2026)
Lea County, New Mexico

Sample ID	Date	Depth (In)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	4/14/2026	0-1'	3,900	23,800	1,620	29,300	0.114	5.15	6.45	46.7	58.4	2,420
	"	1.5'	1,250	5,460	559	7,270	0.0643	2.36	3.00	22.8	28.2	220
	"	2.0'	81.5	406	57.3	545	<0.00202	0.00774	0.0100	0.0936	0.111	68.6
	"	3.0'	<50.1	89.7	<50.1	89.7	<0.00199	0.00270	<0.00199	0.0164	0.0191	39.6
	"	4.0'	<50.2	63.1	<50.2	63.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	17.3
	"	5.0'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	18.2
S-2	4/14/2026	0-1'	485	1,950	118	2,550	0.00952	0.0691	0.121	5.25	1.72	7,590
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	0.00978	0.00490	0.0211	0.0357	4,570
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	0.00500	0.00426	0.0217	0.0310	5,920
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,650
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	68.4
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00216	<0.00199	<0.00398	<0.00398	21.5
S-3	4/14/2026	0-1'	16,500	41,000	2,900	60,400	16.4	156	45.9	246	465	10.4
	"	1.5'	265	804	<49.9	1,070	<0.00201	0.00218	<0.00201	0.00650	0.00868	<9.92
	"	2.0'	<49.9	66.4	<49.9	66.4	<0.00201	<0.00201	<0.00201	0.0167	0.0167	<9.98
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	0.00208	<0.00198	<0.00396	<0.00396	10.7
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	0.00433	0.00401	<0.00399	0.00834	21.3
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	0.00628	0.00204	0.00495	0.0133	<10.1
S-4	4/14/2026	0-1'	1,950	5,520	434	7,900	<0.0994	5.35	5.08	35.1	45.5	62.4
	"	1.5'	57.7	278	54.0	390	<0.00200	0.00677	0.00446	0.0274	0.0386	36.5
	"	2.0'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	78.2
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	24.0
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	22.8
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.3
S-5	4/14/2026	0-1'	142	2,690	98.1	2,930	<0.00200	0.00200	0.00595	0.123	0.131	402
	"	1.5'	<49.9	100	50.5	151	<0.00200	0.00221	<0.00200	0.0250	0.0272	104
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	0.0130	0.0130	44.9
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	46.2
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	18.7
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.98
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) Sample Point

 Removed

Table 1
Chevron U.S.A., Inc.
Cotton Draw Section 4 SAT (04.07.2026)
Lea County, New Mexico

Sample ID	Date	Depth (In)	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	4/14/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	173
H-2	4/14/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	73.1
H-3	4/14/2026	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	34.3
H-4	4/14/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	32.7
H-5	4/14/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	26.3
H-6	4/14/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	174
H-7	4/14/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0
H-8	4/14/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	37.2
H-9	4/14/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	34.0
H-10	4/14/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	15.6
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 Sample

Table 2
Chevron U.S.A., Inc.
Cotton Draw Section 4 SAT (04.07.2026)
Lea County, New Mexico

Sample ID	Date	Depth (In)	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-1	5/14/2026	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	47.1
CS-2	5/14/2026	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	17.2
CS-3	5/14/2026	2.0'	<50.0	119	<50.0	119	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	13.8
CS-4	5/14/2026	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	12.1
CS-5	5/14/2026	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	10.9
CS-6	5/14/2026	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.0
CS-7	5/14/2026	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
CS-8	5/14/2026	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	22.0
CS-9	5/14/2026	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	0.0771	0.0771	15.3
CS-10	5/15/2026	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6,680
CS-11	5/15/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	816
CS-12	5/15/2026	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,060
CS-13	5/15/2026	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,560
CS-14	5/15/2026	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,340
CS-15	5/15/2026	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,180
CS-16	5/15/2026	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	918
CS-17	5/15/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	7,050
CS-18	5/15/2026	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	892
CS-19	5/15/2026	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,110
CS-20	5/15/2026	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,360
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

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

Table 2
Chevron U.S.A., Inc.
Cotton Draw Section 4 SAT (04.07.2026)
Lea County, New Mexico

Sample ID	Date	Depth (In)	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	5/15/2026	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,200
CS-22	5/15/2026	1.5'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,260
CS-23	5/15/2026	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,190
CS-24	5/15/2026	1.5'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,030
CS-25	5/15/2026	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	8,120
CS-26	5/15/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	968
CS-27	5/15/2026	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,150
CS-28	5/15/2026	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,500
CS-29	5/15/2026	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,220
CS-30	5/15/2026	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	828
CS-31	5/15/2026	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,320
CS-32	5/15/2026	1.5'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,260
CS-33	5/15/2026	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	6,710
CS-34	5/15/2026	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,170
CS-35	5/15/2026	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,930
CS-36	5/15/2026	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,110
CS-37	5/15/2026	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	797
CS-38	5/15/2026	1.5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6,550
CS-39	5/15/2026	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,200
Backfill	5/20/2026	-	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	15.8
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed
^A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) Confirmation Sample
(Backfill) Backfill Sample

Table 2
Chevron U.S.A., Inc.
Cotton Draw Section 4 SAT (04.07.2026)
Lea County, New Mexico

Sample ID	Date	Depth (In)	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	5/14/2026	1.5-2.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.96
SW-2	5/14/2026	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.0
SW-3	5/14/2026	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.0
SW-4	5/14/2026	2.0'	<49.6	<49.6	<49.6	<49.6	0.00300	0.00229	<0.00202	<0.00404	0.00529	<10.1
SW-5	5/14/2026	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<10.0
SW-6	5/14/2026	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	12.2
SW-7	5/14/2026	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.8
SW-8	5/14/2026	1.5-2.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.96
SW-9	5/14/2026	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.7
SW-10	5/14/2026	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.94
SW-11	5/14/2026	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.0
SW-12	5/14/2026	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<10.1
SW-13	5/14/2026	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.1
SW-14	5/14/2026	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	15.1
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
Chevron U.S.A., Inc.
Cotton Draw Section 4 SAT (04.07.2026)
Lea County, New Mexico

Sample ID	Date	Depth (In)	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-15	5/15/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	45.8
SW-16	5/15/2026	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	30.4
SW-17	5/15/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	17.2
SW-18	5/15/2026	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	38.6
SW-19	5/15/2026	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	17.2
SW-20	5/15/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	29.9
SW-21	5/15/2026	1.5'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	16.5
SW-22	5/15/2026	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	15.8
SW-23	5/15/2026	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	35.4
SW-24	5/15/2026	1.5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	16.8
SW-25	5/15/2026	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	26.6
SW-26	5/15/2026	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	14.9
SW-27	5/15/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	28.4
SW-28	5/15/2026	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.4
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

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

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 1**Facility:** Cotton Draw Section 4 Sat**County:** Lea County, New Mexico**Description:**

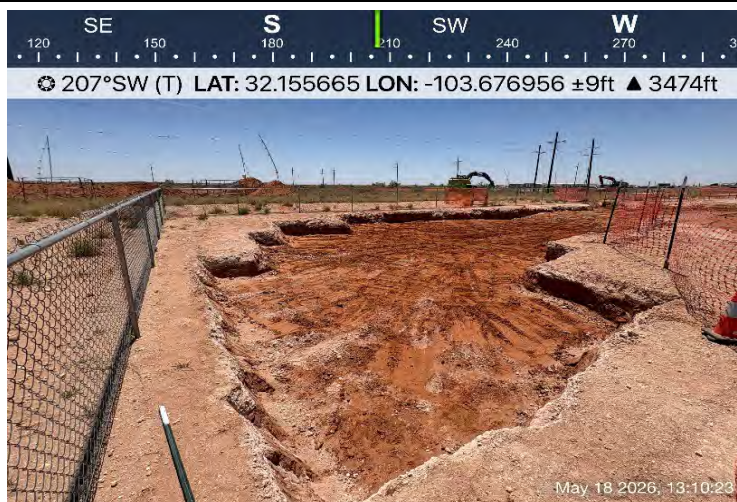
View East, Area of CS-1 through CS-5.

**Photograph No. 2****Facility:** Cotton Draw Section 4 Sat**County:** Lea County, New Mexico**Description:**

View East, Area of CS-6 through CS-9.

**Photograph No. 3****Facility:** Cotton Draw Section 4 Sat**County:** Lea County, New Mexico**Description:**

View Southwest, Area of CS-6 through CS-9.



PHOTOGRAPHIC LOG

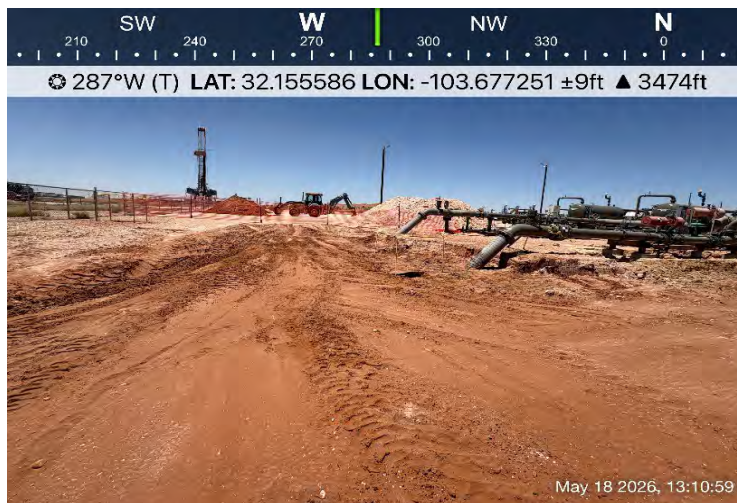
Chevron U.S.A., Inc.

Photograph No. 4**Facility:** Cotton Draw Section 4 Sat**County:** Lea County, New Mexico**Description:**

View West, Area of CS-9, SW-8, & CS-15 through CS-39.

**Photograph No. 5****Facility:** Cotton Draw Section 4 Sat**County:** Lea County, New Mexico**Description:**

View West, Area of CS-15 through CS-39.

**Photograph No. 6****Facility:** Cotton Draw Section 4 Sat**County:** Lea County, New Mexico**Description:**

View Northwest, Area of CS-10 through CS-15.



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 7**Facility:** Cotton Draw Section 4 Sat**County:** Lea County, New Mexico**Description:**

View South, Area of SW-1, SW-8, CS-10 through CS-20.

**Photograph No. 8****Facility:** Cotton Draw Section 4 Sat**County:** Lea County, New Mexico**Description:**

View East, Area of CS-12 through CS-39.



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 572633

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 572633
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	COTTON DRAW SECTION 4 SAT
Date Release Discovered	04/07/2026
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Pump Crude Oil Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 44 BBL Recovered: 41 BBL Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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 2

Action 572633

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 572633
	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.

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

ACKNOWLEDGMENTS

Action 572633

ACKNOWLEDGMENTS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 572633
	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.

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 572633

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 572633
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
klincoln	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	4/8/2026

Spilled Material: Crude Oil/Produced Water**Oil Released:** 0.449 bbl**Oil Recovered:** 0.445 bbl**Water Released:** 44.41 bbl**Water Recovered:** 41 bbl**Calculation Details**

Area	Shape	Secondary Containment	Standing Liquid Dimension	Standing Liquid Volume	Water Cut	Oil Volume	Penetration Depth	Water to Soil Volume	Water Volume
1	Rectangle	Caliche	61 ft x 18 ft x .250 in	4.380 bbl	99%	0.044 bbl	.125 in	0.306 bbl	4.336 bbl
2	Rectangle	Caliche	118 ft x 86 ft x .250 in	40.479 bbl	99%	0.405 bbl	.125 in	2.824 bbl	40.074 bbl
3					%				
4					%				
5					%				
6					%				
7					%				
Rec Vol						0.445			93
Total Vol						0.449			44.41

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 576604

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 576604
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2609830164
Incident Name	NAPP2609830164 COTTON DRAW SECTION 4 SAT @ FAPP2609829505
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2609829505] Cotton Draw Section 4 SAT

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	COTTON DRAW SECTION 4 SAT
Date Release Discovered	04/07/2026
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Pump Crude Oil Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 44 BBL Recovered: 41 BBL Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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 2

Action 576604

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 576604
	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: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 04/17/2026

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 576604

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 576604
	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>	

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 576604

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 576604
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	Initial C-141 approved. A remediation plan or a remediation closure report is due to the OCD by 7/6/2026.	4/17/2026

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 584406

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 584406
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2609830164
Incident Name	NAPP2609830164 COTTON DRAW SECTION 4 SAT @ FAPP2609829505
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2609829505] Cotton Draw Section 4 SAT

Location of Release Source	
Site Name	COTTON DRAW SECTION 4 SAT
Date Release Discovered	04/07/2026
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	8,400
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/14/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	“(32.155733, -103.677275) Carmona Resources will be onsite to collect confirmation samples from the excavated area on pad.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 584406

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 584406
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	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.	5/12/2026
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	5/12/2026

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 584410

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 584410
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2609830164
Incident Name	NAPP2609830164 COTTON DRAW SECTION 4 SAT @ FAPP2609829505
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2609829505] Cotton Draw Section 4 SAT

Location of Release Source	
Site Name	COTTON DRAW SECTION 4 SAT
Date Release Discovered	04/07/2026
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	8,400
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/13/2026
Time sampling will commence	08:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	“(32.155733, -103.677275) Carmona Resources will be onsite to collect confirmation samples from the excavated area on pad.

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 584410

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 584410
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	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.	5/12/2026
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	5/12/2026

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 584413

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 584413
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2609830164
Incident Name	NAPP2609830164 COTTON DRAW SECTION 4 SAT @ FAPP2609829505
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2609829505] Cotton Draw Section 4 SAT

Location of Release Source	
Site Name	COTTON DRAW SECTION 4 SAT
Date Release Discovered	04/07/2026
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	8,400
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/12/2026
Time sampling will commence	08:00 AM
 Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	“(32.155733, -103.677275) Carmona Resources will be onsite to collect confirmation samples from the excavated area on pad.

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 584413

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 584413
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	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.	5/12/2026
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	5/12/2026

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 584415

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 584415
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2609830164
Incident Name	NAPP2609830164 COTTON DRAW SECTION 4 SAT @ FAPP2609829505
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2609829505] Cotton Draw Section 4 SAT

Location of Release Source	
Site Name	COTTON DRAW SECTION 4 SAT
Date Release Discovered	04/07/2026
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	8,400
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/15/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.155733, -103.677275) Carmona Resources will be onsite to collect confirmation samples from the excavated area on pad.

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 584415

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 584415
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	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.	5/12/2026
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	5/12/2026

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 584419

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 584419
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2609830164
Incident Name	NAPP2609830164 COTTON DRAW SECTION 4 SAT @ FAPP2609829505
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2609829505] Cotton Draw Section 4 SAT

Location of Release Source	
Site Name	COTTON DRAW SECTION 4 SAT
Date Release Discovered	04/07/2026
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	8,400
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/18/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	“(32.155733, -103.677275) Carmona Resources will be onsite to collect confirmation samples from the excavated area on pad.

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 584419

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 584419
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	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.	5/12/2026
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	5/12/2026

APPENDIX D

CARMONA RESOURCES



Nearest water well

CHEVRON U S A INC

Legend

- 0.33 Miles
- 0.50 Mile Radius
- 1.33 Miles
- 1.33 Miles
- 1.43 Miles
- COTTON DRAW SECTION 4 SAT (04.07.2026)
- Groundwater Determination Bore

55' GWDB - Drilled 2024

105' GWDB - Drilled 2024

55' GWDB - Drilled 2024

55' GWDB - Drilled 2022

COTTON DRAW SECTION 4 SAT (04.07.2026)



Low Karst

CHEVRON U S A INC

Legend

- COTTON DRAW SECTION 4 SAT (04.07.2026)
- Low

COTTON DRAW SECTION 4 SAT (04.07.2026)





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)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	(meters)	(In feet)		
													Distance	Well Depth	Depth Water	Water Column
C 04924 POD1		CUB	LE	SE	SE	SW	04	25S	32E	624324.5	3558103.7		543	105		
C 04795 POD1		CUB	LE	SE	SE	NW	08	25S	32E	622864.7	3557423.8		2137			
C 04634 POD1		CUB	LE	SE	SW	SW	10	25S	32E	625642.8	3556522.4		2144	55		
C 04858 POD1		CUB	LE	SE	SE	SW	32	24S	32E	622834.1	3559754.2		2294	55		
C 04536 POD1		C	LE	NW	NE	NE	33	24S	32E	625019.4	3561244.5		2795	500	314	186
C 04620 POD1		CUB	LE	SE	SW	SE	06	25S	32E	621445.0	3558018.4		3316	55		

Average Depth to Water: 314 feet

Minimum Depth: 314 feet

Maximum Depth: 314 feet

Record Count: 6

UTM Filters (in meters):

Easting: 624731.65

Northing: 3558464.10

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

OSE JDI ROSWELL NM
3 MAR '25 PM 2:03

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1		WELL TAG ID NO. N/A		OSE FILE NO(S). C-04924		
	WELL OWNER NAME(S) Devon Production Company, LP				PHONE (OPTIONAL) 575-6889-7597		
	WELL OWNER MAILING ADDRESS 5315 Buena Vista Dr				CITY Carlsbad	STATE NM	
					ZIP 88220		
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 09	SECONDS 09.1	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
	LONGITUDE 103	40	53.9	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Unit N, Section 04, Township 25S, Range 32E, Lea County, NM							
2. DRILLING & CASING INFORMATION	LICENSE NO. WD1188		NAME OF LICENSED DRILLER John Scarborough			NAME OF WELL DRILLING COMPANY John Scarborough Drilling Inc	
	DRILLING STARTED 1/8/2024	DRILLING ENDED 1/8/2024	DEPTH OF COMPLETED WELL (FT) 105	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:						
	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)
	0 105		5.00	Soil Boiring			
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 04/30/19)

FILE NO. C-4924-POD 1	POD NO. 1	TRN NO. 774220
LOCATION men 25. 32. 04. 443	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	Clayey Sand, Dark Red to Red, Coarse to Very Fine, with Gravel	Y ✓ N	
	8	15	7	Caliche, White to Grey, Coarse to Fine	Y ✓ N	
	15	47	32	Sand with Silt, Light Brown to Red, Coarse to Fine	Y ✓ N	
	47	50	3	Sand With Silt, Light Brown to Red, Coarse to Fine, with Gravel	Y ✓ N	
	50	60	10	Clayey Sand, Medium Brown to Red, Coarse to Very Fine with Gravel	Y ✓ N	
	60	62	2	Sand with Silt, Light Brown to White, Coarse to Fine	Y ✓ N	
	62	68	6	Clayey Sand, Medium Brown to Red, Coarse to Very Fine with Gravel	Y ✓ N	
	68	69	1	Caliche, White to Grey, Coarse to Fine	Y ✓ N	
	69	70	1	Sand with Silt, Light Brown to White, Coarse to Fine	Y ✓ N	
	70	73	3	Clayey Sand, Medium Brown to Red, Coarse to Very Fine with Gravel	Y ✓ N	
	73	78	5	Clayey Sand, Medium Brown to Red, Coarse to Very Fine with Gravel	Y ✓ N	
	78	79	1	Sandstone, White to Yellow, Coarse to Fine	Y ✓ N	
	79	80	1	Clayey Sand, Medium Brown to Red, Coarse to Very Fine with Gravel	Y ✓ N	
	80	85	5	Sandstone, White to Yellow, Coarse to Fine	Y ✓ N	
	85	87	2	Sand with Silt, Red, Coarse to Fine	Y ✓ N	
	87	90	3	Sandstone, White to Yellow, Coarse to Fine	Y ✓ N	
	90	91	1	Clayey Sand, Medium Brown to Red, Coarse to Very Fine with Gravel	Y ✓ N	
	91	93	2	Sandstone, White to Yellow, Coarse to Fine	Y ✓ N	
	93	100	7	Sand with Silt, Red, Coarse to Very Fine	Y ✓ N	
	100	105	5	Sandstone, White to Yellow, Coarse to Fine	Y ✓ N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	
☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER - SPECIFY:						
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 10 ft below ground surface (bgs), then hydrated bentonite chips 10 ft bgs to ground surface.					
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Scott Scarborough						
6. SIGNATURE	BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.					
	LaSalle LANE Scarborough SIGNATURE OF DRILLER / PRINT SIGNED NAME					1-20-2025 DATE

FOR USE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/2019)

FILE NO. C-4924-PAD1

POD NO. 1

TRN NO. 774220

men 25.32.04.443

Elizabeth K. Anderson, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

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

Trn Nbr: 774220
File Nbr: C 04924
Well File Nbr: C 04924 POD1

Mar. 03, 2025

ASHLEY GIOVENGO
ENSOLUM, LLC
3122 NATIONAL PARKS HIGHWAY
CARLSBAD, NM 88220

Greetings:

The above numbered permit was issued in your name on 12/23/2024.

The Well Record was received in this office on 03/03/2025, stating that it had been completed on 01/08/2024, 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 12/23/2025.

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



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-4634			
	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 32	MINUTES 8	SECONDS 17.23	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
	LONGITUDE 103	40	4.33	W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE SW SW Sec.10 T25S R32S 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 6/7/2022	DRILLING ENDED 6/7/2022	DEPTH OF COMPLETED WELL (FT) Temporary Well		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 6/13/2022		
	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)		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						
	0	55	±6.5	Boring-HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

FOR OSE INTERNAL USE

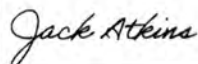
WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	C-4634	POD NO.	POD 1	TRN NO.	726471
LOCATION	T25S 32E 10 4-3-3			WELL TAG ID NO.	N/A

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	4	4	Sand, Fine-grained, poorly graded, 2.5 YR 3/6, Dark Red	Y ✓ N	
	4	14	10	Caliche, with Fine-grained sand, 7.5 YR 7/4, Pink	Y ✓ N	
	14	55	41	Sand, Fine-grained, poorly graded, with Caliche, 7.5 YR 7/6, Reddish Yellow	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	
					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. 32 CDU 237	
	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:	
 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	Jackie D. Atkins _____ DATE	6/16/2022 _____

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO.	C-4634	POD NO.	POD1
LOCATION	255 322 10 4-3-3	TRN NO.	726471
		WELL TAG ID NO.	N/A
		PAGE 2 OF 2	



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-4795-POD 1		WELL TAG ID NO.		OSE FILE NO(S). C-4795			
	WELL OWNER NAME(S) DEVON ENERGY RESOURCES				PHONE (OPTIONAL) 405-318-4697			
	WELL OWNER MAILING ADDRESS 205 E BENDER ROAD # 150				CITY STATE ZIP HOBBS NM 88240			
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32		MINUTES 8	SECONDS 47.6088 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LONGITUDE -103		41	49.9344 W			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE CHINCOTEAGUE 8-32 FED ST COM 522H								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1184		NAME OF LICENSED DRILLER RUSSELL SOUTHERLAND			NAME OF WELL DRILLING COMPANY WEST TEXAS WATER WELL SERVICE		
	DRILLING STARTED 1/19/2024		DRILLING ENDED 1/19/2024		DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT) 55	DEPTH WATER FIRST ENCOUNTERED (FT)	
	COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:							
	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						
				NO CASING IN HOLE				
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. C-04795	POD NO. 1	TRN NO. 754025
LOCATION 25S. 32E. 08. 441	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

WR-20 WELL RECORD & LOG (Version 04/30/2019)



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		WELL TAG ID NO.		OSE FILE NO(S) C-4858		
	WELL OWNER NAME(S) Devon Energy Production				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 6488 Seven Rivers Hwy.				CITY Artesia	STATE NM	
					ZIP 88210		
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 10	SECONDS 03.28	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
	LATITUDE						
	LONGITUDE	-103	41	50.02	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE SE SW S-32 T-24S R-32E							
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley		NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC.		
	DRILLING STARTED 8/8/24	DRILLING ENDED 8/8/24	DEPTH OF COMPLETED WELL (FT) 55	BORE HOLE DEPTH (FT) 55	DEPTH WATER FIRST ENCOUNTERED (FT) Dry Hole		
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 8/14/24	
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:					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)
				No Casing left in hole			
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		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	
				N/A			

OSE DII ROSWELL NM
AUG 19 2024 PM 3:20

FOR OSE INTERNAL USE

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

FILE NO. C-4858	POD NO. 1	TRN NO. 763237
LOCATION 24S-32E-32 443	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	5	5	red clay mixed with caliche	Y ✓ N	
	5	20	15	tan sandy clay	Y ✓ N	
	20	25	5	red sand	Y ✓ N	
	25	55	30	red dry clay	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:					TOTAL ESTIMATED WELL YIELD (gpm):	
☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: N/A						

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: well was drilled 8/8/24, no water was encountered, well was gauged on 8/14/24 and was dry, casing was removed and well was plugged in accordance with the approved plugging plan of operations.	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Nathan Smelcer	

USE DII ROS
AUG 19 2024

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	James Hawley _____ DATE
		8/15/24

OSE DII ROSWELL NM
AUG 19 2024 PM3:20

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	C-4858	POD NO.	1
LOCATION	74S.37E.37 443	TRN NO.	763237
		WELL TAG ID NO.	PAGE 2 OF 2

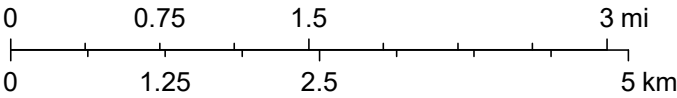
COTTON DRAW SECTION 4 SAT (04.07.2026)



4/9/2026, 8:57:42 AM

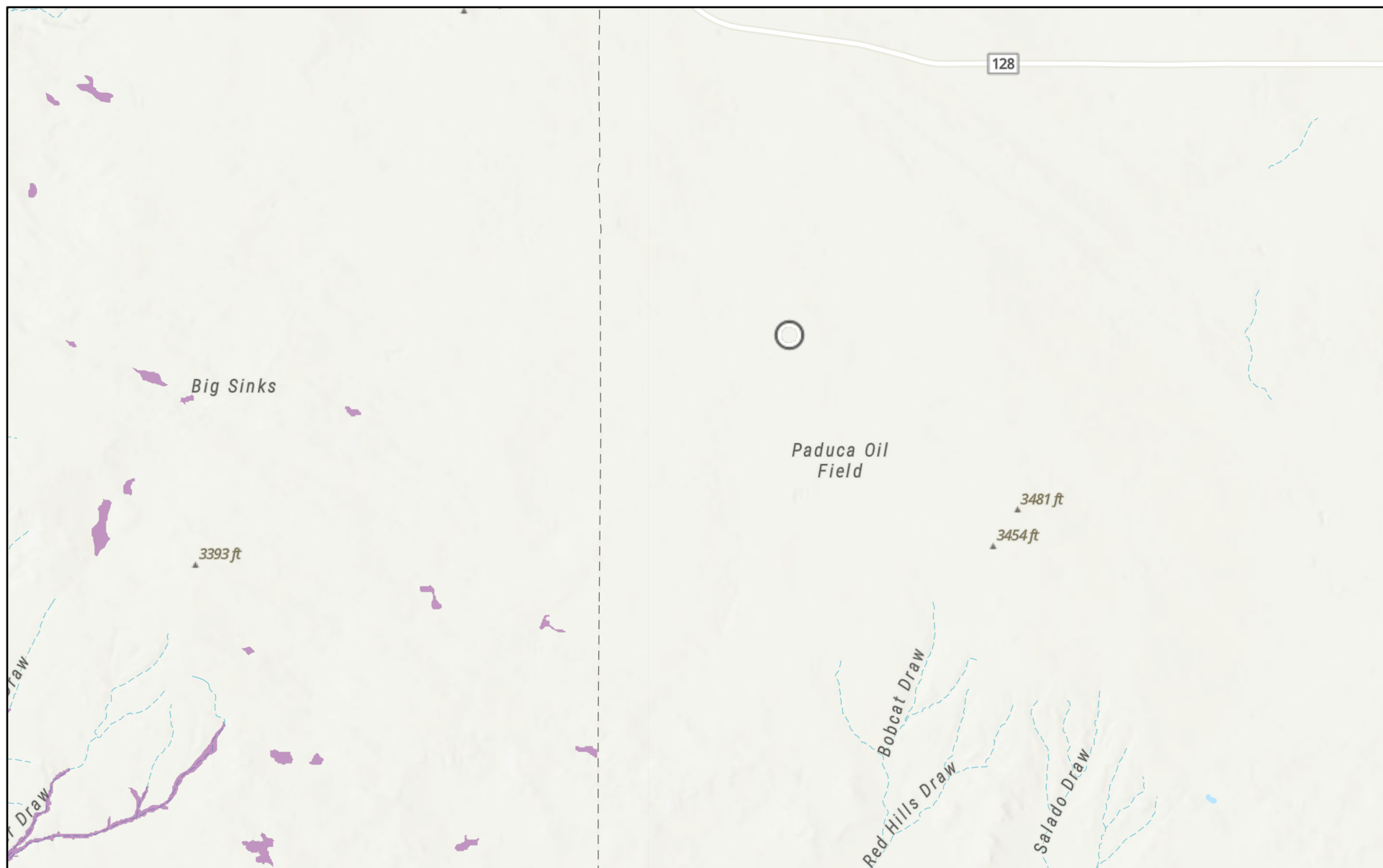
- OSW Water Bodys
- OSE Streams

1:72,224



NM OSE, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, NASA, NGA, USGS, FEMA

COTTON DRAW SECTION 4 SAT (04.07.2026)

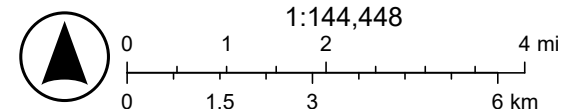


4/9/2026

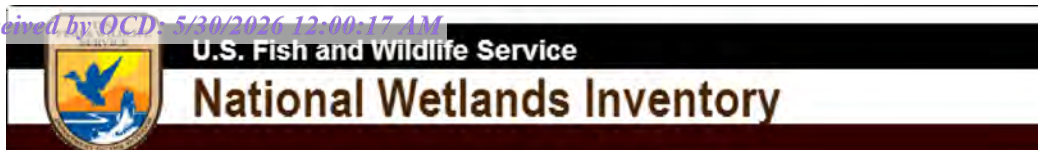
USA Flood Hazard Areas

1% Annual Chance Flood Hazard

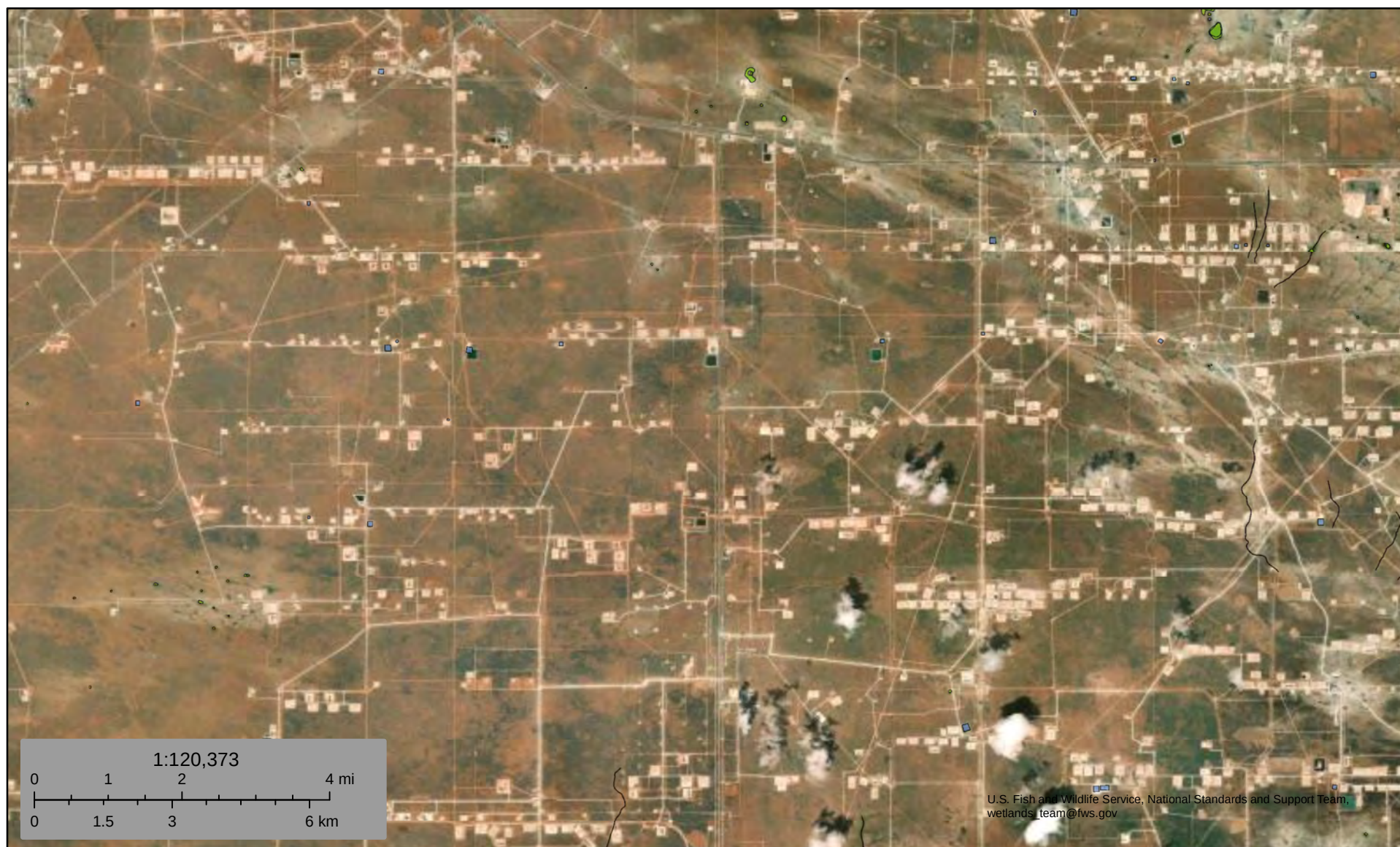
World_Hillshade



Source: FEMA, Esri, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Esri, NASA,



COTTON DRAW SECTION 4 SAT (04.07.2



April 9, 2026

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond

-  Lake
-  Other
-  Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

APPENDIX E

CARMONA RESOURCES





Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 4/24/2026 2:58:27 PM

JOB DESCRIPTION

COTTON DRAW SECTION 4 SAT (04.07.2026)
Lea County New Mexico

JOB NUMBER

890-9775-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



Eurofins Carlsbad

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
4/24/2026 2:58:27 PM

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

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Laboratory Job ID: 890-9775-1
SDG: Lea County New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	6
Client Sample Results	8
Surrogate Summary	31
QC Sample Results	33
QC Association Summary	43
Lab Chronicle	51
Certification Summary	61
Method Summary	62
Sample Summary	63
Chain of Custody	64
Receipt Checklists	67

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Eurofins Carlsbad

Definitions/Glossary

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Case Narrative

Client: Carmona Resources
Project: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1

Job ID: 890-9775-1

Eurofins Carlsbad

Job Narrative
890-9775-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 4/14/2026 2:42 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 -1.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S - 1 (0-1') (890-9775-1), S - 1 (1.5') (890-9775-2), S - 1 (2.0') (890-9775-3), S - 1 (3.0') (890-9775-4), S - 1 (4.0') (890-9775-5), S - 1 (5.0') (890-9775-6), S - 2 (0-1') (890-9775-7), S - 2 (1.5') (890-9775-8), S - 2 (2.0') (890-9775-9), S - 2 (3.0') (890-9775-10), S - 2 (4.0') (890-9775-11), S - 2 (5.0') (890-9775-12), S - 3 (0-1') (890-9775-13), S - 3 (1.5') (890-9775-14), S - 3 (2.0') (890-9775-15), S - 3 (3.0') (890-9775-16), S - 3 (4.0') (890-9775-17), S - 3 (5.0') (890-9775-18), S - 4 (0-1') (890-9775-19), S - 4 (1.5') (890-9775-20), S - 4 (2.0') (890-9775-21), S - 4 (3.0') (890-9775-22), S - 4 (4.0') (890-9775-23), S - 4 (5.0') (890-9775-24), S - 5 (0-1') (890-9775-25), S - 5 (1.5') (890-9775-26), S - 5 (2.0') (890-9775-27), S - 5 (3.0') (890-9775-28), S - 5 (4.0') (890-9775-29) and S - 5 (5.0') (890-9775-30).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: S - 1 (0-1') (890-9775-1), S - 1 (1.5') (890-9775-2), S - 1 (2.0') (890-9775-3), S - 2 (0-1') (890-9775-7), S - 3 (0-1') (890-9775-13), (890-9775-A-2-G MS) and (890-9775-A-2-H MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 880-138223 and analytical batch 880-138647 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Toluene, Ethylbenzene, m,p-Xylenes and o-Xylene in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-138224 and analytical batch 880-138723 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-138221 and 880-138224 and analytical batch 880-138723 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S - 5 (0-1') (890-9775-25), S - 5 (2.0') (890-9775-27) and S - 5 (5.0') (890-9775-30). 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: (CCV 880-138723/33). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S - 1 (1.5') (890-9775-2), S - 2 (0-1') (890-9775-7), S - 4 (0-1') (890-9775-19) and (LCS 880-138827/1-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: S - 4 (0-1') (890-9775-19). Elevated

Eurofins Carlsbad

Case Narrative

Client: Carmona Resources
Project: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1

Job ID: 890-9775-1 (Continued)

Eurofins Carlsbad

reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-71364-A-13-B MS). Evidence of matrix interferences is not obvious.

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-137784/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: S - 4 (5.0') (890-9775-24). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (890-9775-A-2-D MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: S - 1 (0-1') (890-9775-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: S - 2 (3.0') (890-9775-10). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: S - 3 (0-1') (890-9775-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-137783 and analytical batch 880-138186 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: S - 5 (0-1') (890-9775-25). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137913 and analytical batch 880-137990 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated sample is: S - 4 (2.0') (890-9775-21).

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137908 and analytical batch 880-137977 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 Carlsbad

Client Sample Results

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Lab Sample ID: 890-9775-1

Date Collected: 04/14/26 08:31

Matrix: Solid

Date Received: 04/14/26 14:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.114		0.0998		mg/Kg		04/18/26 19:33	04/23/26 22:16	50
Toluene	5.15		0.0998		mg/Kg		04/18/26 19:33	04/23/26 22:16	50
Ethylbenzene	6.45		0.0998		mg/Kg		04/18/26 19:33	04/23/26 22:16	50
m,p-Xylenes	33.2		0.200		mg/Kg		04/18/26 19:33	04/23/26 22:16	50
o-Xylene	13.5		0.0998		mg/Kg		04/18/26 19:33	04/23/26 22:16	50
Xylenes, Total	46.7		0.200		mg/Kg		04/18/26 19:33	04/23/26 22:16	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	290	S1+	70 - 130	04/18/26 19:33	04/23/26 22:16	50
1,4-Difluorobenzene (Surr)	92		70 - 130	04/18/26 19:33	04/23/26 22:16	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	58.4		0.200		mg/Kg			04/23/26 22:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	29300		499		mg/Kg			04/18/26 04:14	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	3900		499		mg/Kg		04/14/26 19:16	04/18/26 04:14	10
Diesel Range Organics (Over C10-C28)	23800		499		mg/Kg		04/14/26 19:16	04/18/26 04:14	10
Oil Range Organics (Over C28-C36)	1620		499		mg/Kg		04/14/26 19:16	04/18/26 04:14	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	380	S1+	70 - 130	04/14/26 19:16	04/18/26 04:14	10
o-Terphenyl (Surr)	513	S1+	70 - 130	04/14/26 19:16	04/18/26 04:14	10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2420	F1	50.0		mg/Kg			04/18/26 15:47	5

Client Sample ID: S - 1 (1.5')

Lab Sample ID: 890-9775-2

Date Collected: 04/14/26 08:34

Matrix: Solid

Date Received: 04/14/26 14:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0643	F1	0.00201		mg/Kg		04/18/26 19:33	04/23/26 19:10	1
Toluene	2.36		0.101		mg/Kg		04/24/26 07:44	04/24/26 11:55	50
Ethylbenzene	3.00		0.101		mg/Kg		04/24/26 07:44	04/24/26 11:55	50
m,p-Xylenes	16.5		0.201		mg/Kg		04/24/26 07:44	04/24/26 11:55	50
o-Xylene	6.26		0.101		mg/Kg		04/24/26 07:44	04/24/26 11:55	50
Xylenes, Total	22.8		0.201		mg/Kg		04/24/26 07:44	04/24/26 11:55	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	1738	S1+	70 - 130	04/18/26 19:33	04/23/26 19:10	1
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	04/18/26 19:33	04/23/26 19:10	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 1 (1.5')

Lab Sample ID: 890-9775-2

Date Collected: 04/14/26 08:34

Matrix: Solid

Date Received: 04/14/26 14:42

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	28.2		0.201		mg/Kg			04/24/26 11:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	7270		50.0		mg/Kg			04/18/26 03:27	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	1250	F1	50.0		mg/Kg		04/14/26 19:16	04/18/26 03:27	1
Diesel Range Organics (Over C10-C28)	5460	F2	50.0		mg/Kg		04/14/26 19:16	04/18/26 03:27	1
Oil Range Organics (Over C28-C36)	559		50.0		mg/Kg		04/14/26 19:16	04/18/26 03:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130				04/14/26 19:16	04/18/26 03:27	1
o-Terphenyl (Surr)	123		70 - 130				04/14/26 19:16	04/18/26 03:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220		10.0		mg/Kg			04/18/26 16:01	1

Client Sample ID: S - 1 (2.0')

Lab Sample ID: 890-9775-3

Date Collected: 04/14/26 08:38

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/23/26 19:31	1
Toluene	0.00774		0.00202		mg/Kg		04/18/26 19:33	04/23/26 19:31	1
Ethylbenzene	0.0100		0.00202		mg/Kg		04/18/26 19:33	04/23/26 19:31	1
m,p-Xylenes	0.0645		0.00404		mg/Kg		04/18/26 19:33	04/23/26 19:31	1
o-Xylene	0.0291		0.00202		mg/Kg		04/18/26 19:33	04/23/26 19:31	1
Xylenes, Total	0.0936		0.00404		mg/Kg		04/18/26 19:33	04/23/26 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				04/18/26 19:33	04/23/26 19:31	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/18/26 19:33	04/23/26 19:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.111		0.00404		mg/Kg			04/23/26 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	545		50.1		mg/Kg			04/18/26 04:28	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	81.5		50.1		mg/Kg		04/14/26 19:16	04/18/26 04:28	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

Client Sample ID: S - 1 (2.0')

Lab Sample ID: 890-9775-3

Date Collected: 04/14/26 08:38

Matrix: Solid

Date Received: 04/14/26 14:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	406		50.1		mg/Kg		04/14/26 19:16	04/18/26 04:28	1
Oil Range Organics (Over C28-C36)	57.3		50.1		mg/Kg		04/14/26 19:16	04/18/26 04:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				04/14/26 19:16	04/18/26 04:28	1
o-Terphenyl (Surr)	89		70 - 130				04/14/26 19:16	04/18/26 04:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.6		9.92		mg/Kg			04/18/26 16:06	1

Client Sample ID: S - 1 (3.0')

Lab Sample ID: 890-9775-4

Date Collected: 04/14/26 08:41

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/23/26 19:51	1
Toluene	0.00270		0.00199		mg/Kg		04/18/26 19:33	04/23/26 19:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/23/26 19:51	1
m,p-Xylenes	0.00597		0.00398		mg/Kg		04/18/26 19:33	04/23/26 19:51	1
o-Xylene	0.0104		0.00199		mg/Kg		04/18/26 19:33	04/23/26 19:51	1
Xylenes, Total	0.0164		0.00398		mg/Kg		04/18/26 19:33	04/23/26 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				04/18/26 19:33	04/23/26 19:51	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/18/26 19:33	04/23/26 19:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0191		0.00398		mg/Kg			04/23/26 19:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	89.7		50.1		mg/Kg			04/18/26 04:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/14/26 19:16	04/18/26 04:44	1
Diesel Range Organics (Over C10-C28)	89.7		50.1		mg/Kg		04/14/26 19:16	04/18/26 04:44	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/14/26 19:16	04/18/26 04:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				04/14/26 19:16	04/18/26 04:44	1
o-Terphenyl (Surr)	96		70 - 130				04/14/26 19:16	04/18/26 04:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.6		9.96		mg/Kg			04/18/26 16:11	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 1 (4.0')

Lab Sample ID: 890-9775-5

Date Collected: 04/14/26 08:43

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/23/26 20:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/23/26 20:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/23/26 20:12	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/18/26 19:33	04/23/26 20:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/23/26 20:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/18/26 19:33	04/23/26 20:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/18/26 19:33	04/23/26 20:12	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/18/26 19:33	04/23/26 20:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/23/26 20:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	63.1		50.2		mg/Kg			04/18/26 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	<50.2	U	50.2		mg/Kg		04/14/26 19:16	04/18/26 04:59	1
Diesel Range Organics (Over C10-C28)	63.1		50.2		mg/Kg		04/14/26 19:16	04/18/26 04:59	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/14/26 19:16	04/18/26 04:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130	04/14/26 19:16	04/18/26 04:59	1
o-Terphenyl (Surr)	83		70 - 130	04/14/26 19:16	04/18/26 04:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.3		9.98		mg/Kg			04/18/26 16:16	1

Client Sample ID: S - 1 (5.0')

Lab Sample ID: 890-9775-6

Date Collected: 04/14/26 08:47

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/23/26 20:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/23/26 20:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/23/26 20:33	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/18/26 19:33	04/23/26 20:33	1
o-Xylene	0.00243		0.00200		mg/Kg		04/18/26 19:33	04/23/26 20:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/18/26 19:33	04/23/26 20:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/18/26 19:33	04/23/26 20:33	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/18/26 19:33	04/23/26 20:33	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

Client Sample ID: S - 1 (5.0')

Lab Sample ID: 890-9775-6

Date Collected: 04/14/26 08:47

Matrix: Solid

Date Received: 04/14/26 14:42

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			04/23/26 20:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/18/26 05:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/14/26 19:16	04/18/26 05:15	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/14/26 19:16	04/18/26 05:15	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/14/26 19:16	04/18/26 05:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130				04/14/26 19:16	04/18/26 05:15	1
o-Terphenyl (Surr)	108		70 - 130				04/14/26 19:16	04/18/26 05:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.2		10.1		mg/Kg			04/18/26 16:30	1

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

Lab Sample ID: 890-9775-7

Date Collected: 04/14/26 08:55

Matrix: Solid

Date Received: 04/14/26 14:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00952		0.00201		mg/Kg		04/18/26 19:33	04/23/26 20:53	1
Toluene	0.0691		0.00201		mg/Kg		04/18/26 19:33	04/23/26 20:53	1
Ethylbenzene	0.121		0.100		mg/Kg		04/24/26 07:44	04/24/26 12:16	50
m,p-Xylenes	0.0813		0.00402		mg/Kg		04/18/26 19:33	04/23/26 20:53	1
o-Xylene	1.44		0.100		mg/Kg		04/24/26 07:44	04/24/26 12:16	50
Xylenes, Total	5.25		0.200		mg/Kg		04/24/26 07:44	04/24/26 12:16	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	512	S1+	70 - 130				04/18/26 19:33	04/23/26 20:53	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/18/26 19:33	04/23/26 20:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.72		0.100		mg/Kg			04/24/26 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2550		50.1		mg/Kg			04/18/26 05:29	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	485		50.1		mg/Kg		04/14/26 19:16	04/18/26 05:29	1
Diesel Range Organics (Over C10-C28)	1950		50.1		mg/Kg		04/14/26 19:16	04/18/26 05:29	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9775-7

Date Collected: 04/14/26 08:55

Matrix: Solid

Date Received: 04/14/26 14:42

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)	118		50.1		mg/Kg		04/14/26 19:16	04/18/26 05:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				04/14/26 19:16	04/18/26 05:29	1
o-Terphenyl (Surr)	111		70 - 130				04/14/26 19:16	04/18/26 05:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7590		99.4		mg/Kg			04/18/26 16:35	10

Client Sample ID: S - 2 (1.5')

Lab Sample ID: 890-9775-8

Date Collected: 04/14/26 08:59

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/23/26 21:14	1
Toluene	0.00978		0.00202		mg/Kg		04/18/26 19:33	04/23/26 21:14	1
Ethylbenzene	0.00490		0.00202		mg/Kg		04/18/26 19:33	04/23/26 21:14	1
m,p-Xylenes	0.0119		0.00404		mg/Kg		04/18/26 19:33	04/23/26 21:14	1
o-Xylene	0.00916		0.00202		mg/Kg		04/18/26 19:33	04/23/26 21:14	1
Xylenes, Total	0.0211		0.00404		mg/Kg		04/18/26 19:33	04/23/26 21:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				04/18/26 19:33	04/23/26 21:14	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/18/26 19:33	04/23/26 21:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0357		0.00404		mg/Kg			04/23/26 21:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/18/26 05:45	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		04/14/26 19:16	04/18/26 05:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 19:16	04/18/26 05:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 19:16	04/18/26 05:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				04/14/26 19:16	04/18/26 05:45	1
o-Terphenyl (Surr)	103		70 - 130				04/14/26 19:16	04/18/26 05:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4570		49.8		mg/Kg			04/18/26 16:40	5

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

Client Sample ID: S - 2 (2.0')

Lab Sample ID: 890-9775-9

Date Collected: 04/14/26 09:03

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/23/26 21:35	1
Toluene	0.00500		0.00201		mg/Kg		04/18/26 19:33	04/23/26 21:35	1
Ethylbenzene	0.00426		0.00201		mg/Kg		04/18/26 19:33	04/23/26 21:35	1
m,p-Xylenes	0.0149		0.00402		mg/Kg		04/18/26 19:33	04/23/26 21:35	1
o-Xylene	0.00683		0.00201		mg/Kg		04/18/26 19:33	04/23/26 21:35	1
Xylenes, Total	0.0217		0.00402		mg/Kg		04/18/26 19:33	04/23/26 21:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	04/18/26 19:33	04/23/26 21:35	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/18/26 19:33	04/23/26 21:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0310		0.00402		mg/Kg			04/23/26 21:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/18/26 05:59	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		04/14/26 19:16	04/18/26 05:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/26 19:16	04/18/26 05:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/26 19:16	04/18/26 05:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130	04/14/26 19:16	04/18/26 05:59	1
o-Terphenyl (Surr)	90		70 - 130	04/14/26 19:16	04/18/26 05:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5920		99.2		mg/Kg			04/18/26 16:45	10

Client Sample ID: S - 2 (3.0')

Lab Sample ID: 890-9775-10

Date Collected: 04/14/26 09:06

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/23/26 21:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/23/26 21:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/23/26 21:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/18/26 19:33	04/23/26 21:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/23/26 21:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/18/26 19:33	04/23/26 21:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/18/26 19:33	04/23/26 21:55	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/18/26 19:33	04/23/26 21:55	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 2 (3.0')

Lab Sample ID: 890-9775-10

Date Collected: 04/14/26 09:06

Matrix: Solid

Date Received: 04/14/26 14:42

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			04/23/26 21:55	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			04/18/26 06:13	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		04/14/26 19:16	04/18/26 06:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/26 19:16	04/18/26 06:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/26 19:16	04/18/26 06:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	63	S1-	70 - 130				04/14/26 19:16	04/18/26 06:13	1
o-Terphenyl (Surr)	79		70 - 130				04/14/26 19:16	04/18/26 06:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.2		mg/Kg			04/18/26 16:50	5

Client Sample ID: S - 2 (4.0')

Lab Sample ID: 890-9775-11

Date Collected: 04/14/26 09:09

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/23/26 23:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/18/26 19:33	04/23/26 23:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/18/26 19:33	04/23/26 23:39	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/18/26 19:33	04/23/26 23:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/18/26 19:33	04/23/26 23:39	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/18/26 19:33	04/23/26 23:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				04/18/26 19:33	04/23/26 23:39	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/18/26 19:33	04/23/26 23:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/23/26 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	<49.9	U	49.9		mg/Kg			04/18/26 06:42	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		04/14/26 19:16	04/18/26 06:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 19:16	04/18/26 06:42	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 2 (4.0')

Lab Sample ID: 890-9775-11

Date Collected: 04/14/26 09:09

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/14/26 19:16	04/18/26 06:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130				04/14/26 19:16	04/18/26 06:42	1
o-Terphenyl (Surr)	90		70 - 130				04/14/26 19:16	04/18/26 06:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.4		9.96		mg/Kg			04/18/26 16:54	1

Client Sample ID: S - 2 (5.0')

Lab Sample ID: 890-9775-12

Date Collected: 04/14/26 09:13

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 00:00	1
Toluene	0.00216		0.00199		mg/Kg		04/18/26 19:33	04/24/26 00:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/24/26 00:00	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/18/26 19:33	04/24/26 00:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/24/26 00:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/18/26 19:33	04/24/26 00:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/18/26 19:33	04/24/26 00:00	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/18/26 19:33	04/24/26 00:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/24/26 00:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/18/26 06:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/26 19:16	04/18/26 06:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 19:16	04/18/26 06:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 19:16	04/18/26 06:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	72		70 - 130				04/14/26 19:16	04/18/26 06:56	1
o-Terphenyl (Surr)	96		70 - 130				04/14/26 19:16	04/18/26 06:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.5		9.92		mg/Kg			04/18/26 17:09	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Lab Sample ID: 890-9775-13

Date Collected: 04/14/26 09:17

Matrix: Solid

Date Received: 04/14/26 14:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	16.4		0.998		mg/Kg		04/18/26 19:33	04/24/26 02:45	500
Toluene	156		0.998		mg/Kg		04/18/26 19:33	04/24/26 02:45	500
Ethylbenzene	45.9		0.998		mg/Kg		04/18/26 19:33	04/24/26 02:45	500
m,p-Xylenes	187		2.00		mg/Kg		04/18/26 19:33	04/24/26 02:45	500
o-Xylene	59.2		0.998		mg/Kg		04/18/26 19:33	04/24/26 02:45	500
Xylenes, Total	246		2.00		mg/Kg		04/18/26 19:33	04/24/26 02:45	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	177	S1+	70 - 130	04/18/26 19:33	04/24/26 02:45	500
1,4-Difluorobenzene (Surr)	96		70 - 130	04/18/26 19:33	04/24/26 02:45	500

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	465		2.00		mg/Kg			04/24/26 02:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	60400		498		mg/Kg			04/18/26 07:11	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	16500		498		mg/Kg		04/14/26 19:16	04/18/26 07:11	10
Diesel Range Organics (Over C10-C28)	41000		498		mg/Kg		04/14/26 19:16	04/18/26 07:11	10
Oil Range Organics (Over C28-C36)	2900		498		mg/Kg		04/14/26 19:16	04/18/26 07:11	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	733	S1+	70 - 130	04/14/26 19:16	04/18/26 07:11	10
o-Terphenyl (Surr)	909	S1+	70 - 130	04/14/26 19:16	04/18/26 07:11	10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		10.1		mg/Kg			04/18/26 17:14	1

Client Sample ID: S - 3 (1.5')

Lab Sample ID: 890-9775-14

Date Collected: 04/14/26 09:20

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 00:20	1
Toluene	0.00218		0.00201		mg/Kg		04/18/26 19:33	04/24/26 00:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 00:20	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/18/26 19:33	04/24/26 00:20	1
o-Xylene	0.00650		0.00201		mg/Kg		04/18/26 19:33	04/24/26 00:20	1
Xylenes, Total	0.00650		0.00402		mg/Kg		04/18/26 19:33	04/24/26 00:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	04/18/26 19:33	04/24/26 00:20	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/18/26 19:33	04/24/26 00:20	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

Client Sample ID: S - 3 (1.5')

Lab Sample ID: 890-9775-14

Date Collected: 04/14/26 09:20

Matrix: Solid

Date Received: 04/14/26 14:42

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00868		0.00402		mg/Kg			04/24/26 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	1070		49.9		mg/Kg			04/18/26 07:25	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	265		49.9		mg/Kg		04/14/26 19:16	04/18/26 07:25	1
Diesel Range Organics (Over C10-C28)	804		49.9		mg/Kg		04/14/26 19:16	04/18/26 07:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 19:16	04/18/26 07:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				04/14/26 19:16	04/18/26 07:25	1
o-Terphenyl (Surr)	97		70 - 130				04/14/26 19:16	04/18/26 07:25	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			04/18/26 17:28	1

Client Sample ID: S - 3 (2.0')

Lab Sample ID: 890-9775-15

Date Collected: 04/14/26 09:23

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 00:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 00:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 00:41	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/18/26 19:33	04/24/26 00:41	1
o-Xylene	0.0167		0.00201		mg/Kg		04/18/26 19:33	04/24/26 00:41	1
Xylenes, Total	0.0167		0.00402		mg/Kg		04/18/26 19:33	04/24/26 00:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/18/26 19:33	04/24/26 00:41	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/18/26 19:33	04/24/26 00:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0167		0.00402		mg/Kg			04/24/26 00:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	66.4		49.9		mg/Kg			04/18/26 07:39	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		04/14/26 19:16	04/18/26 07:39	1
Diesel Range Organics (Over C10-C28)	66.4		49.9		mg/Kg		04/14/26 19:16	04/18/26 07:39	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 3 (2.0')

Lab Sample ID: 890-9775-15

Date Collected: 04/14/26 09:23

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/14/26 19:16	04/18/26 07:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				04/14/26 19:16	04/18/26 07:39	1
o-Terphenyl (Surr)	103		70 - 130				04/14/26 19:16	04/18/26 07:39	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			04/18/26 17:33	1

Client Sample ID: S - 3 (3.0')

Lab Sample ID: 890-9775-16

Date Collected: 04/14/26 09:27

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 01:02	1
Toluene	0.00208		0.00198		mg/Kg		04/18/26 19:33	04/24/26 01:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/18/26 19:33	04/24/26 01:02	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/18/26 19:33	04/24/26 01:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/18/26 19:33	04/24/26 01:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/18/26 19:33	04/24/26 01:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/18/26 19:33	04/24/26 01:02	1
1,4-Difluorobenzene (Surr)	102		70 - 130				04/18/26 19:33	04/24/26 01:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/24/26 01:02	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			04/18/26 07:52	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	<50.0	U	50.0		mg/Kg		04/14/26 19:16	04/18/26 07:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 19:16	04/18/26 07:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 19:16	04/18/26 07:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				04/14/26 19:16	04/18/26 07:52	1
o-Terphenyl (Surr)	108		70 - 130				04/14/26 19:16	04/18/26 07:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.7		10.0		mg/Kg			04/18/26 17:38	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 3 (4.0')

Lab Sample ID: 890-9775-17

Date Collected: 04/14/26 09:31

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 01:22	1
Toluene	0.00433		0.00200		mg/Kg		04/18/26 19:33	04/24/26 01:22	1
Ethylbenzene	0.00401		0.00200		mg/Kg		04/18/26 19:33	04/24/26 01:22	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/18/26 19:33	04/24/26 01:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 01:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/18/26 19:33	04/24/26 01:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/18/26 19:33	04/24/26 01:22	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/18/26 19:33	04/24/26 01:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00834		0.00399		mg/Kg			04/24/26 01:22	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			04/18/26 08:06	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	<49.8	U	49.8		mg/Kg		04/14/26 19:16	04/18/26 08:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/26 19:16	04/18/26 08:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/26 19:16	04/18/26 08:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130	04/14/26 19:16	04/18/26 08:06	1
o-Terphenyl (Surr)	115		70 - 130	04/14/26 19:16	04/18/26 08:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.3		10.0		mg/Kg			04/18/26 17:43	1

Client Sample ID: S - 3 (5.0')

Lab Sample ID: 890-9775-18

Date Collected: 04/14/26 09:35

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 01:43	1
Toluene	0.00628		0.00201		mg/Kg		04/18/26 19:33	04/24/26 01:43	1
Ethylbenzene	0.00204		0.00201		mg/Kg		04/18/26 19:33	04/24/26 01:43	1
m,p-Xylenes	0.00495		0.00402		mg/Kg		04/18/26 19:33	04/24/26 01:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 01:43	1
Xylenes, Total	0.00495		0.00402		mg/Kg		04/18/26 19:33	04/24/26 01:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/18/26 19:33	04/24/26 01:43	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/18/26 19:33	04/24/26 01:43	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 3 (5.0')

Lab Sample ID: 890-9775-18

Date Collected: 04/14/26 09:35

Matrix: Solid

Date Received: 04/14/26 14:42

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0133		0.00402		mg/Kg			04/24/26 01:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/18/26 08:20	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	<49.9	U	49.9		mg/Kg		04/14/26 19:16	04/18/26 08:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 19:16	04/18/26 08:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 19:16	04/18/26 08:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				04/14/26 19:16	04/18/26 08:20	1
o-Terphenyl (Surr)	95		70 - 130				04/14/26 19:16	04/18/26 08:20	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			04/18/26 17:48	1

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

Lab Sample ID: 890-9775-19

Date Collected: 04/14/26 09:39

Matrix: Solid

Date Received: 04/14/26 14:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		04/24/26 07:44	04/24/26 12:36	50
Toluene	5.35		0.0994		mg/Kg		04/24/26 07:44	04/24/26 12:36	50
Ethylbenzene	5.08		0.0994		mg/Kg		04/24/26 07:44	04/24/26 12:36	50
m,p-Xylenes	25.2		0.199		mg/Kg		04/24/26 07:44	04/24/26 12:36	50
o-Xylene	9.86		0.0994		mg/Kg		04/24/26 07:44	04/24/26 12:36	50
Xylenes, Total	35.1		0.199		mg/Kg		04/24/26 07:44	04/24/26 12:36	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	253	S1+	70 - 130				04/24/26 07:44	04/24/26 12:36	50
1,4-Difluorobenzene (Surr)	84		70 - 130				04/24/26 07:44	04/24/26 12:36	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	45.5		0.199		mg/Kg			04/24/26 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	7900		50.0		mg/Kg			04/18/26 08:34	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	1950		50.0		mg/Kg		04/14/26 19:16	04/18/26 08:34	1
Diesel Range Organics (Over C10-C28)	5520		50.0		mg/Kg		04/14/26 19:16	04/18/26 08:34	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Lab Sample ID: 890-9775-19

Date Collected: 04/14/26 09:39

Matrix: Solid

Date Received: 04/14/26 14:42

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)	434		50.0		mg/Kg		04/14/26 19:16	04/18/26 08:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130				04/14/26 19:16	04/18/26 08:34	1
o-Terphenyl (Surr)	123		70 - 130				04/14/26 19:16	04/18/26 08:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.4		10.1		mg/Kg			04/18/26 17:52	1

Client Sample ID: S - 4 (1.5')

Lab Sample ID: 890-9775-20

Date Collected: 04/14/26 09:43

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 02:24	1
Toluene	0.00677		0.00200		mg/Kg		04/18/26 19:33	04/24/26 02:24	1
Ethylbenzene	0.00446		0.00200		mg/Kg		04/18/26 19:33	04/24/26 02:24	1
m,p-Xylenes	0.0193		0.00399		mg/Kg		04/18/26 19:33	04/24/26 02:24	1
o-Xylene	0.00806		0.00200		mg/Kg		04/18/26 19:33	04/24/26 02:24	1
Xylenes, Total	0.0274		0.00399		mg/Kg		04/18/26 19:33	04/24/26 02:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				04/18/26 19:33	04/24/26 02:24	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/18/26 19:33	04/24/26 02:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0386		0.00399		mg/Kg			04/24/26 02:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	390		50.0		mg/Kg			04/18/26 08:48	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	57.7		50.0		mg/Kg		04/14/26 19:16	04/18/26 08:48	1
Diesel Range Organics (Over C10-C28)	278		50.0		mg/Kg		04/14/26 19:16	04/18/26 08:48	1
Oil Range Organics (Over C28-C36)	54.0		50.0		mg/Kg		04/14/26 19:16	04/18/26 08:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130				04/14/26 19:16	04/18/26 08:48	1
o-Terphenyl (Surr)	127		70 - 130				04/14/26 19:16	04/18/26 08:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.5		9.92		mg/Kg			04/18/26 17:57	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 4 (2.0')

Lab Sample ID: 890-9775-21

Date Collected: 04/14/26 09:45

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 02:56	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		04/18/26 19:33	04/24/26 02:56	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		04/18/26 19:33	04/24/26 02:56	1
m,p-Xylenes	<0.00399	U F1	0.00399		mg/Kg		04/18/26 19:33	04/24/26 02:56	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		04/18/26 19:33	04/24/26 02:56	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		04/18/26 19:33	04/24/26 02:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	04/18/26 19:33	04/24/26 02:56	1
1,4-Difluorobenzene (Surr)	75		70 - 130	04/18/26 19:33	04/24/26 02:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/24/26 02:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/18/26 03:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/14/26 19:18	04/18/26 03:27	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/14/26 19:18	04/18/26 03:27	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/14/26 19:18	04/18/26 03:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130	04/14/26 19:18	04/18/26 03:27	1
o-Terphenyl (Surr)	89		70 - 130	04/14/26 19:18	04/18/26 03:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.2		9.96		mg/Kg			04/18/26 02:51	1

Client Sample ID: S - 4 (3.0')

Lab Sample ID: 890-9775-22

Date Collected: 04/14/26 09:49

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 03:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 03:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 03:16	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/18/26 19:33	04/24/26 03:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 03:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/18/26 19:33	04/24/26 03:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	04/18/26 19:33	04/24/26 03:16	1
1,4-Difluorobenzene (Surr)	86		70 - 130	04/18/26 19:33	04/24/26 03:16	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 4 (3.0')

Lab Sample ID: 890-9775-22

Date Collected: 04/14/26 09:49

Matrix: Solid

Date Received: 04/14/26 14:42

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			04/24/26 03:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/18/26 04:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 04:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 04:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 04:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	72		70 - 130				04/14/26 19:18	04/18/26 04:14	1
o-Terphenyl (Surr)	77		70 - 130				04/14/26 19:18	04/18/26 04:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.0		9.98		mg/Kg			04/18/26 02:55	1

Client Sample ID: S - 4 (4.0')

Lab Sample ID: 890-9775-23

Date Collected: 04/14/26 09:54

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 03:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/18/26 19:33	04/24/26 03:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/18/26 19:33	04/24/26 03:37	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/18/26 19:33	04/24/26 03:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/18/26 19:33	04/24/26 03:37	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/18/26 19:33	04/24/26 03:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				04/18/26 19:33	04/24/26 03:37	1
1,4-Difluorobenzene (Surr)	78		70 - 130				04/18/26 19:33	04/24/26 03:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/24/26 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	<49.9	U	49.9		mg/Kg			04/18/26 04:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/26 19:18	04/18/26 04:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 19:18	04/18/26 04:28	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 4 (4.0')

Lab Sample ID: 890-9775-23

Date Collected: 04/14/26 09:54

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/14/26 19:18	04/18/26 04:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130				04/14/26 19:18	04/18/26 04:28	1
o-Terphenyl (Surr)	92		70 - 130				04/14/26 19:18	04/18/26 04:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.8		9.92		mg/Kg			04/18/26 03:10	1

Client Sample ID: S - 4 (5.0')

Lab Sample ID: 890-9775-24

Date Collected: 04/14/26 09:59

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 03:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/24/26 03:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/24/26 03:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/18/26 19:33	04/24/26 03:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/24/26 03:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/18/26 19:33	04/24/26 03:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				04/18/26 19:33	04/24/26 03:58	1
1,4-Difluorobenzene (Surr)	86		70 - 130				04/18/26 19:33	04/24/26 03:58	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			04/24/26 03:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/18/26 04:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 04:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 04:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 04:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	166	S1+	70 - 130				04/14/26 19:18	04/18/26 04:44	1
o-Terphenyl (Surr)	163	S1+	70 - 130				04/14/26 19:18	04/18/26 04:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.3		9.96		mg/Kg			04/18/26 03:15	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Lab Sample ID: 890-9775-25

Date Collected: 04/14/26 10:04

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 04:18	1
Toluene	0.00200		0.00200		mg/Kg		04/18/26 19:33	04/24/26 04:18	1
Ethylbenzene	0.00595		0.00200		mg/Kg		04/18/26 19:33	04/24/26 04:18	1
m,p-Xylenes	0.0726		0.00400		mg/Kg		04/18/26 19:33	04/24/26 04:18	1
o-Xylene	0.0501		0.00200		mg/Kg		04/18/26 19:33	04/24/26 04:18	1
Xylenes, Total	0.123		0.00400		mg/Kg		04/18/26 19:33	04/24/26 04:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130	04/18/26 19:33	04/24/26 04:18	1
1,4-Difluorobenzene (Surr)	79		70 - 130	04/18/26 19:33	04/24/26 04:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.131		0.00400		mg/Kg			04/24/26 04:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2930		49.8		mg/Kg			04/18/26 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	142		49.8		mg/Kg		04/14/26 19:18	04/18/26 04:59	1
Diesel Range Organics (Over C10-C28)	2690		49.8		mg/Kg		04/14/26 19:18	04/18/26 04:59	1
Oil Range Organics (Over C28-C36)	98.1		49.8		mg/Kg		04/14/26 19:18	04/18/26 04:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	34	S1-	70 - 130	04/14/26 19:18	04/18/26 04:59	1
o-Terphenyl (Surr)	64	S1-	70 - 130	04/14/26 19:18	04/18/26 04:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	402		10.0		mg/Kg			04/18/26 03:29	1

Client Sample ID: S - 5 (1.5')

Lab Sample ID: 890-9775-26

Date Collected: 04/14/26 10:07

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 04:39	1
Toluene	0.00221		0.00200		mg/Kg		04/18/26 19:33	04/24/26 04:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 04:39	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/18/26 19:33	04/24/26 04:39	1
o-Xylene	0.0250		0.00200		mg/Kg		04/18/26 19:33	04/24/26 04:39	1
Xylenes, Total	0.0250		0.00399		mg/Kg		04/18/26 19:33	04/24/26 04:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	04/18/26 19:33	04/24/26 04:39	1
1,4-Difluorobenzene (Surr)	84		70 - 130	04/18/26 19:33	04/24/26 04:39	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 5 (1.5')

Lab Sample ID: 890-9775-26

Date Collected: 04/14/26 10:07

Matrix: Solid

Date Received: 04/14/26 14:42

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0272		0.00399		mg/Kg			04/24/26 04:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	151		49.9		mg/Kg			04/18/26 05:15	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		04/14/26 19:18	04/18/26 05:15	1
Diesel Range Organics (Over C10-C28)	100		49.9		mg/Kg		04/14/26 19:18	04/18/26 05:15	1
Oil Range Organics (Over C28-C36)	50.5		49.9		mg/Kg		04/14/26 19:18	04/18/26 05:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130				04/14/26 19:18	04/18/26 05:15	1
o-Terphenyl (Surr)	88		70 - 130				04/14/26 19:18	04/18/26 05:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		10.1		mg/Kg			04/18/26 03:34	1

Client Sample ID: S - 5 (2.0')

Lab Sample ID: 890-9775-27

Date Collected: 04/14/26 10:11

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 04:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 04:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 04:59	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/18/26 19:33	04/24/26 04:59	1
o-Xylene	0.0130		0.00201		mg/Kg		04/18/26 19:33	04/24/26 04:59	1
Xylenes, Total	0.0130		0.00402		mg/Kg		04/18/26 19:33	04/24/26 04:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				04/18/26 19:33	04/24/26 04:59	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/18/26 19:33	04/24/26 04:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0130		0.00402		mg/Kg			04/24/26 04:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/18/26 05:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 05:29	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 5 (2.0')

Lab Sample ID: 890-9775-27

Date Collected: 04/14/26 10:11

Matrix: Solid

Date Received: 04/14/26 14:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 05:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 05:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				04/14/26 19:18	04/18/26 05:29	1
o-Terphenyl (Surr)	95		70 - 130				04/14/26 19:18	04/18/26 05:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.9		9.94		mg/Kg			04/18/26 03:39	1

Client Sample ID: S - 5 (3.0')

Lab Sample ID: 890-9775-28

Date Collected: 04/14/26 10:14

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 05:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/18/26 19:33	04/24/26 05:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/18/26 19:33	04/24/26 05:20	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/18/26 19:33	04/24/26 05:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/18/26 19:33	04/24/26 05:20	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/18/26 19:33	04/24/26 05:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				04/18/26 19:33	04/24/26 05:20	1
1,4-Difluorobenzene (Surr)	80		70 - 130				04/18/26 19:33	04/24/26 05:20	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			04/24/26 05:20	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			04/18/26 05:45	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		04/14/26 19:18	04/18/26 05:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 19:18	04/18/26 05:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 19:18	04/18/26 05:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130				04/14/26 19:18	04/18/26 05:45	1
o-Terphenyl (Surr)	81		70 - 130				04/14/26 19:18	04/18/26 05:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.2		9.96		mg/Kg			04/18/26 03:44	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 5 (4.0')

Lab Sample ID: 890-9775-29

Date Collected: 04/14/26 10:17

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 05:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 05:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 05:41	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/18/26 19:33	04/24/26 05:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 05:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/18/26 19:33	04/24/26 05:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	04/18/26 19:33	04/24/26 05:41	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/18/26 19:33	04/24/26 05:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/24/26 05:41	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			04/18/26 05:59	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		04/14/26 19:18	04/18/26 05:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 05:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 05:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130	04/14/26 19:18	04/18/26 05:59	1
o-Terphenyl (Surr)	88		70 - 130	04/14/26 19:18	04/18/26 05:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.7		9.92		mg/Kg			04/18/26 03:49	1

Client Sample ID: S - 5 (5.0')

Lab Sample ID: 890-9775-30

Date Collected: 04/14/26 10:21

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 06:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/24/26 06:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/24/26 06:01	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/18/26 19:33	04/24/26 06:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/24/26 06:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/18/26 19:33	04/24/26 06:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130	04/18/26 19:33	04/24/26 06:01	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/18/26 19:33	04/24/26 06:01	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 5 (5.0')

Lab Sample ID: 890-9775-30

Date Collected: 04/14/26 10:21

Matrix: Solid

Date Received: 04/14/26 14:42

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			04/24/26 06:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/18/26 06:13	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		04/14/26 19:18	04/18/26 06:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 19:18	04/18/26 06:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 19:18	04/18/26 06:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130	04/14/26 19:18	04/18/26 06:13	1
o-Terphenyl (Surr)	88		70 - 130	04/14/26 19:18	04/18/26 06:13	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			04/18/26 03:53	1

Surrogate Summary

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-71364-A-13-B MS	Matrix Spike	128	15 S1-
880-71364-A-13-C MSD	Matrix Spike Duplicate	128	95
890-9775-1	S - 1 (0-1')	290 S1+	92
890-9775-2	S - 1 (1.5')	1738 S1+	131 S1+
890-9775-2 MS	S - 1 (1.5')	375 S1+	102
890-9775-2 MSD	S - 1 (1.5')	293 S1+	95
890-9775-3	S - 1 (2.0')	131 S1+	93
890-9775-4	S - 1 (3.0')	100	98
890-9775-5	S - 1 (4.0')	102	91
890-9775-6	S - 1 (5.0')	106	99
890-9775-7	S - 2 (0-1')	512 S1+	100
890-9775-8	S - 2 (1.5')	109	92
890-9775-9	S - 2 (2.0')	108	99
890-9775-10	S - 2 (3.0')	101	91
890-9775-11	S - 2 (4.0')	100	96
890-9775-12	S - 2 (5.0')	102	98
890-9775-13	S - 3 (0-1')	177 S1+	96
890-9775-14	S - 3 (1.5')	112	99
890-9775-15	S - 3 (2.0')	101	96
890-9775-16	S - 3 (3.0')	104	102
890-9775-17	S - 3 (4.0')	102	102
890-9775-18	S - 3 (5.0')	105	97
890-9775-19	S - 4 (0-1')	253 S1+	84
890-9775-20	S - 4 (1.5')	110	98
890-9775-21	S - 4 (2.0')	95	75
890-9775-21 MS	S - 4 (2.0')	75	77
890-9775-21 MSD	S - 4 (2.0')	90	73
890-9775-22	S - 4 (3.0')	117	86
890-9775-23	S - 4 (4.0')	88	78
890-9775-24	S - 4 (5.0')	96	86
890-9775-25	S - 5 (0-1')	162 S1+	79
890-9775-26	S - 5 (1.5')	86	84
890-9775-27	S - 5 (2.0')	132 S1+	94
890-9775-28	S - 5 (3.0')	100	80
890-9775-29	S - 5 (4.0')	125	90
890-9775-30	S - 5 (5.0')	163 S1+	102
LCS 880-138223/1-A	Lab Control Sample	110	105
LCS 880-138224/1-A	Lab Control Sample	93	101
LCS 880-138827/1-A	Lab Control Sample	130	106
LCSD 880-138223/2-A	Lab Control Sample Dup	105	98
LCSD 880-138224/2-A	Lab Control Sample Dup	106	110
LCSD 880-138827/2-A	Lab Control Sample Dup	120	96
MB 880-138221/5-A	Method Blank	92	63 S1-
MB 880-138223/5-A	Method Blank	99	93
MB 880-138224/5-A	Method Blank	89	64 S1-
MB 880-138676/5-A	Method Blank	93	94
MB 880-138827/5-A	Method Blank	120	91

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Eurofins Carlsbad

Surrogate Summary

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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)
890-9775-1	S - 1 (0-1')	380 S1+	513 S1+
890-9775-2	S - 1 (1.5')	110	123
890-9775-2 MS	S - 1 (1.5')	183 S1+	131 S1+
890-9775-2 MSD	S - 1 (1.5')	115	93
890-9775-3	S - 1 (2.0')	98	89
890-9775-4	S - 1 (3.0')	92	96
890-9775-5	S - 1 (4.0')	77	83
890-9775-6	S - 1 (5.0')	94	108
890-9775-7	S - 2 (0-1')	101	111
890-9775-8	S - 2 (1.5')	99	103
890-9775-9	S - 2 (2.0')	96	90
890-9775-10	S - 2 (3.0')	63 S1-	79
890-9775-11	S - 2 (4.0')	93	90
890-9775-12	S - 2 (5.0')	72	96
890-9775-13	S - 3 (0-1')	733 S1+	909 S1+
890-9775-14	S - 3 (1.5')	98	97
890-9775-15	S - 3 (2.0')	101	103
890-9775-16	S - 3 (3.0')	106	108
890-9775-17	S - 3 (4.0')	112	115
890-9775-18	S - 3 (5.0')	107	95
890-9775-19	S - 4 (0-1')	126	123
890-9775-20	S - 4 (1.5')	123	127
890-9775-21	S - 4 (2.0')	83	89
890-9775-21 MS	S - 4 (2.0')	83	92
890-9775-21 MSD	S - 4 (2.0')	83	92
890-9775-22	S - 4 (3.0')	72	77
890-9775-23	S - 4 (4.0')	88	92
890-9775-24	S - 4 (5.0')	166 S1+	163 S1+
890-9775-25	S - 5 (0-1')	34 S1-	64 S1-
890-9775-26	S - 5 (1.5')	88	88
890-9775-27	S - 5 (2.0')	91	95
890-9775-28	S - 5 (3.0')	80	81
890-9775-29	S - 5 (4.0')	88	88
890-9775-30	S - 5 (5.0')	87	88
LCS 880-137783/2-A	Lab Control Sample	106	119
LCS 880-137784/2-A	Lab Control Sample	77	84
LCSD 880-137783/3-A	Lab Control Sample Dup	87	107
LCSD 880-137784/3-A	Lab Control Sample Dup	78	84
MB 880-137783/1-A	Method Blank	104	108
MB 880-137784/1-A	Method Blank	401 S1+	395 S1+

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-138221/5-A

Matrix: Solid

Analysis Batch: 138723

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138221

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:32	04/23/26 15:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:32	04/23/26 15:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:32	04/23/26 15:31	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/18/26 19:32	04/23/26 15:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:32	04/23/26 15:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/18/26 19:32	04/23/26 15:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	04/18/26 19:32	04/23/26 15:31	1
1,4-Difluorobenzene (Surr)	63	S1-	70 - 130	04/18/26 19:32	04/23/26 15:31	1

Lab Sample ID: MB 880-138223/5-A

Matrix: Solid

Analysis Batch: 138647

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138223

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/23/26 18:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/23/26 18:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/23/26 18:48	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/18/26 19:33	04/23/26 18:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/23/26 18:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/18/26 19:33	04/23/26 18:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/18/26 19:33	04/23/26 18:48	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/18/26 19:33	04/23/26 18:48	1

Lab Sample ID: LCS 880-138223/1-A

Matrix: Solid

Analysis Batch: 138647

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138223

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1246		mg/Kg		125	70 - 130
Toluene	0.100	0.1221		mg/Kg		122	70 - 130
Ethylbenzene	0.100	0.1168		mg/Kg		117	70 - 130
m,p-Xylenes	0.200	0.2400		mg/Kg		120	70 - 130
o-Xylene	0.100	0.1213		mg/Kg		121	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-138223/2-A

Matrix: Solid

Analysis Batch: 138647

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138223

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1123		mg/Kg		112	70 - 130	10	35

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-138223/2-A

Matrix: Solid

Analysis Batch: 138647

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138223

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1115		mg/Kg		111	70 - 130	9	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	6	35
m,p-Xylenes	0.200	0.2250		mg/Kg		112	70 - 130	6	35
o-Xylene	0.100	0.1112		mg/Kg		111	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-9775-2 MS

Matrix: Solid

Analysis Batch: 138647

Client Sample ID: S - 1 (1.5')

Prep Type: Total/NA

Prep Batch: 138223

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0643	F1	0.100	0.1013	F1	mg/Kg		37	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	375	S1+	70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-9775-2 MSD

Matrix: Solid

Analysis Batch: 138647

Client Sample ID: S - 1 (1.5')

Prep Type: Total/NA

Prep Batch: 138223

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0643	F1	0.100	0.1061	F1	mg/Kg		42	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	293	S1+	70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-138224/5-A

Matrix: Solid

Analysis Batch: 138723

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138224

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 02:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 02:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 02:34	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/18/26 19:33	04/24/26 02:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 02:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/18/26 19:33	04/24/26 02:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	04/18/26 19:33	04/24/26 02:34	1
1,4-Difluorobenzene (Surr)	64	S1-	70 - 130	04/18/26 19:33	04/24/26 02:34	1

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-138224/1-A

Matrix: Solid

Analysis Batch: 138723

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138224

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1023		mg/Kg		102	70 - 130
Toluene	0.100	0.08439		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.1069		mg/Kg		107	70 - 130
m,p-Xylenes	0.200	0.1930		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09346		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-138224/2-A

Matrix: Solid

Analysis Batch: 138723

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138224

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	7	35
Toluene	0.100	0.09389		mg/Kg		94	70 - 130	11	35
Ethylbenzene	0.100	0.07734		mg/Kg		77	70 - 130	32	35
m,p-Xylenes	0.200	0.1658		mg/Kg		83	70 - 130	15	35
o-Xylene	0.100	0.08786		mg/Kg		88	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 890-9775-21 MS

Matrix: Solid

Analysis Batch: 138723

Client Sample ID: S - 4 (2.0')

Prep Type: Total/NA

Prep Batch: 138224

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07151		mg/Kg		72	70 - 130
Toluene	<0.00200	U F1	0.100	0.05981	F1	mg/Kg		60	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.02744	F1	mg/Kg		27	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.09722	F1	mg/Kg		49	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.05576	F1	mg/Kg		56	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	75		70 - 130
1,4-Difluorobenzene (Surr)	77		70 - 130

Lab Sample ID: 890-9775-21 MSD

Matrix: Solid

Analysis Batch: 138723

Client Sample ID: S - 4 (2.0')

Prep Type: Total/NA

Prep Batch: 138224

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	0.07207		mg/Kg		72	70 - 130	1	35
Toluene	<0.00200	U F1	0.100	0.06670	F1	mg/Kg		67	70 - 130	11	35
Ethylbenzene	<0.00200	U F1	0.100	0.03381	F1	mg/Kg		34	70 - 130	21	35

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9775-21 MSD

Matrix: Solid

Analysis Batch: 138723

Client Sample ID: S - 4 (2.0')

Prep Type: Total/NA

Prep Batch: 138224

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00399	U F1	0.200	0.1124	F1	mg/Kg		56	70 - 130	14	35
o-Xylene	<0.00200	U F1	0.100	0.06324	F1	mg/Kg		63	70 - 130	13	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	90		70 - 130								
1,4-Difluorobenzene (Surr)	73		70 - 130								

Lab Sample ID: MB 880-138676/5-A

Matrix: Solid

Analysis Batch: 138647

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138676

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 17:04	04/23/26 06:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 17:04	04/23/26 06:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 17:04	04/23/26 06:24	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/22/26 17:04	04/23/26 06:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 17:04	04/23/26 06:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 17:04	04/23/26 06:24	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				04/22/26 17:04	04/23/26 06:24	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/22/26 17:04	04/23/26 06:24	1

Lab Sample ID: MB 880-138827/5-A

Matrix: Solid

Analysis Batch: 138828

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138827

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/26 07:44	04/24/26 09:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/26 07:44	04/24/26 09:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/26 07:44	04/24/26 09:10	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/24/26 07:44	04/24/26 09:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/26 07:44	04/24/26 09:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/24/26 07:44	04/24/26 09:10	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				04/24/26 07:44	04/24/26 09:10	1
1,4-Difluorobenzene (Surr)	91		70 - 130				04/24/26 07:44	04/24/26 09:10	1

Lab Sample ID: LCS 880-138827/1-A

Matrix: Solid

Analysis Batch: 138828

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138827

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1106		mg/Kg		111	70 - 130
Toluene	0.100	0.1049		mg/Kg		105	70 - 130
Ethylbenzene	0.100	0.1095		mg/Kg		109	70 - 130
m,p-Xylenes	0.200	0.2145		mg/Kg		107	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-138827/1-A

Matrix: Solid

Analysis Batch: 138828

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138827

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1090		mg/Kg		109	70 - 130

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

Lab Sample ID: LCSD 880-138827/2-A

Matrix: Solid

Analysis Batch: 138828

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138827

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1058		mg/Kg		106	70 - 130	4	35
Toluene	0.100	0.1004		mg/Kg		100	70 - 130	4	35
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130	5	35
m,p-Xylenes	0.200	0.2020		mg/Kg		101	70 - 130	6	35
o-Xylene	0.100	0.1027		mg/Kg		103	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-71364-A-13-B MS

Matrix: Solid

Analysis Batch: 138828

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 138827

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1187		mg/Kg		119	70 - 130
Toluene	<0.00200	U	0.100	0.1088		mg/Kg		109	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1136		mg/Kg		114	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.2216		mg/Kg		111	70 - 130
o-Xylene	<0.00200	U	0.100	0.1119		mg/Kg		112	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	15	S1-	70 - 130

Lab Sample ID: 880-71364-A-13-C MSD

Matrix: Solid

Analysis Batch: 138828

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 138827

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	0.1120		mg/Kg		112	70 - 130	6	35
Toluene	<0.00200	U	0.100	0.1039		mg/Kg		104	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.1083		mg/Kg		108	70 - 130	5	35
m,p-Xylenes	<0.00399	U	0.200	0.2105		mg/Kg		105	70 - 130	5	35
o-Xylene	<0.00200	U	0.100	0.1059		mg/Kg		106	70 - 130	6	35

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71364-A-13-C MSD

Matrix: Solid

Analysis Batch: 138828

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 138827

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

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

Lab Sample ID: MB 880-137783/1-A

Matrix: Solid

Analysis Batch: 138186

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137783

	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		04/14/26 19:16	04/18/26 02:41	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 19:16	04/18/26 02:41	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 19:16	04/18/26 02:41	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane (Surr)	104		70 - 130				04/14/26 19:16	04/18/26 02:41	1	
o-Terphenyl (Surr)	108		70 - 130				04/14/26 19:16	04/18/26 02:41	1	

Lab Sample ID: LCS 880-137783/2-A

Matrix: Solid

Analysis Batch: 138186

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 137783

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	1234		mg/Kg		123	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	1302		mg/Kg		130	70 - 130			
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	106		70 - 130							
o-Terphenyl (Surr)	119		70 - 130							

Lab Sample ID: LCSD 880-137783/3-A

Matrix: Solid

Analysis Batch: 138186

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 137783

	Spike	LCSD	LCSD				%Rec	RPD		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	1147		mg/Kg		115	70 - 130	7	20	
Diesel Range Organics (Over C10-C28)	1000	1237		mg/Kg		124	70 - 130	5	20	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	87		70 - 130							
o-Terphenyl (Surr)	107		70 - 130							

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Lab Sample ID: 890-9775-2 MS

Matrix: Solid

Analysis Batch: 138186

Client Sample ID: S - 1 (1.5')

Prep Type: Total/NA

Prep Batch: 137783

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1250	F1	998	2705	F1	mg/Kg		146	70 - 130
Diesel Range Organics (Over C10-C28)	5460	F2	998	6843	4	mg/Kg		138	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	183	S1+	70 - 130						
o-Terphenyl (Surr)	131	S1+	70 - 130						

Lab Sample ID: 890-9775-2 MSD

Matrix: Solid

Analysis Batch: 138186

Client Sample ID: S - 1 (1.5')

Prep Type: Total/NA

Prep Batch: 137783

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	1250	F1	998	2518		mg/Kg		127	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	5460	F2	998	5299	4 F2	mg/Kg		-17	70 - 130	25	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	115		70 - 130								
o-Terphenyl (Surr)	93		70 - 130								

Lab Sample ID: MB 880-137784/1-A

Matrix: Solid

Analysis Batch: 138195

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137784

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		04/14/26 19:18	04/18/26 02:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 02:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 02:25	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	401	S1+	70 - 130				04/14/26 19:18	04/18/26 02:25	1
o-Terphenyl (Surr)	395	S1+	70 - 130				04/14/26 19:18	04/18/26 02:25	1

Lab Sample ID: LCS 880-137784/2-A

Matrix: Solid

Analysis Batch: 138195

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 137784

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	907.9		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	948.6		mg/Kg		95	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-137784/2-A

Matrix: Solid

Analysis Batch: 138195

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 137784

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	77		70 - 130
o-Terphenyl (Surr)	84		70 - 130

Lab Sample ID: LCSD 880-137784/3-A

Matrix: Solid

Analysis Batch: 138195

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 137784

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	909.8		mg/Kg		91	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	950.2		mg/Kg		95	70 - 130	0	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	78		70 - 130
o-Terphenyl (Surr)	84		70 - 130

Lab Sample ID: 890-9775-21 MS

Matrix: Solid

Analysis Batch: 138195

Client Sample ID: S - 4 (2.0')

Prep Type: Total/NA

Prep Batch: 137784

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	1000	791.4		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	<49.6	U	1000	862.7		mg/Kg		84	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	83		70 - 130
o-Terphenyl (Surr)	92		70 - 130

Lab Sample ID: 890-9775-21 MSD

Matrix: Solid

Analysis Batch: 138195

Client Sample ID: S - 4 (2.0')

Prep Type: Total/NA

Prep Batch: 137784

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	<49.6	U	1000	801.2		mg/Kg		79	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.6	U	1000	879.5		mg/Kg		85	70 - 130	2	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	83		70 - 130
o-Terphenyl (Surr)	92		70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-137908/1-A

Matrix: Solid

Analysis Batch: 137977

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			04/18/26 15:32	1

Lab Sample ID: LCS 880-137908/2-A

Matrix: Solid

Analysis Batch: 137977

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	262.1		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-137908/3-A

Matrix: Solid

Analysis Batch: 137977

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	265.4		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 890-9775-1 MS

Matrix: Solid

Analysis Batch: 137977

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2420	F1	1250	4123	F1	mg/Kg		137	90 - 110

Lab Sample ID: 890-9775-1 MSD

Matrix: Solid

Analysis Batch: 137977

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2420	F1	1250	4139	F1	mg/Kg		138	90 - 110	0	20

Lab Sample ID: 890-9775-11 MS

Matrix: Solid

Analysis Batch: 137977

Client Sample ID: S - 2 (4.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	68.4		249	329.8		mg/Kg		105	90 - 110

Lab Sample ID: 890-9775-11 MSD

Matrix: Solid

Analysis Batch: 137977

Client Sample ID: S - 2 (4.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	68.4		249	333.2		mg/Kg		106	90 - 110	1	20

Lab Sample ID: MB 880-137913/1-A

Matrix: Solid

Analysis Batch: 137990

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			04/18/26 01:33	1

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-137913/2-A

Matrix: Solid

Analysis Batch: 137990

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	262.2		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-137913/3-A

Matrix: Solid

Analysis Batch: 137990

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	265.0		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 890-9775-22 MS

Matrix: Solid

Analysis Batch: 137990

Client Sample ID: S - 4 (3.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	24.0		250	286.2		mg/Kg		105	90 - 110

Lab Sample ID: 890-9775-22 MSD

Matrix: Solid

Analysis Batch: 137990

Client Sample ID: S - 4 (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	24.0		250	290.8		mg/Kg		107	90 - 110	2	20

QC Association Summary

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

GC VOA

Prep Batch: 138221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-138221/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 138223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-1	S - 1 (0-1')	Total/NA	Solid	5035	
890-9775-2	S - 1 (1.5')	Total/NA	Solid	5035	
890-9775-3	S - 1 (2.0')	Total/NA	Solid	5035	
890-9775-4	S - 1 (3.0')	Total/NA	Solid	5035	
890-9775-5	S - 1 (4.0')	Total/NA	Solid	5035	
890-9775-6	S - 1 (5.0')	Total/NA	Solid	5035	
890-9775-7	S - 2 (0-1')	Total/NA	Solid	5035	
890-9775-8	S - 2 (1.5')	Total/NA	Solid	5035	
890-9775-9	S - 2 (2.0')	Total/NA	Solid	5035	
890-9775-10	S - 2 (3.0')	Total/NA	Solid	5035	
890-9775-11	S - 2 (4.0')	Total/NA	Solid	5035	
890-9775-12	S - 2 (5.0')	Total/NA	Solid	5035	
890-9775-13	S - 3 (0-1')	Total/NA	Solid	5035	
890-9775-14	S - 3 (1.5')	Total/NA	Solid	5035	
890-9775-15	S - 3 (2.0')	Total/NA	Solid	5035	
890-9775-16	S - 3 (3.0')	Total/NA	Solid	5035	
890-9775-17	S - 3 (4.0')	Total/NA	Solid	5035	
890-9775-18	S - 3 (5.0')	Total/NA	Solid	5035	
890-9775-20	S - 4 (1.5')	Total/NA	Solid	5035	
MB 880-138223/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138223/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138223/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9775-2 MS	S - 1 (1.5')	Total/NA	Solid	5035	
890-9775-2 MSD	S - 1 (1.5')	Total/NA	Solid	5035	

Prep Batch: 138224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-21	S - 4 (2.0')	Total/NA	Solid	5035	
890-9775-22	S - 4 (3.0')	Total/NA	Solid	5035	
890-9775-23	S - 4 (4.0')	Total/NA	Solid	5035	
890-9775-24	S - 4 (5.0')	Total/NA	Solid	5035	
890-9775-25	S - 5 (0-1')	Total/NA	Solid	5035	
890-9775-26	S - 5 (1.5')	Total/NA	Solid	5035	
890-9775-27	S - 5 (2.0')	Total/NA	Solid	5035	
890-9775-28	S - 5 (3.0')	Total/NA	Solid	5035	
890-9775-29	S - 5 (4.0')	Total/NA	Solid	5035	
890-9775-30	S - 5 (5.0')	Total/NA	Solid	5035	
MB 880-138224/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138224/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138224/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9775-21 MS	S - 4 (2.0')	Total/NA	Solid	5035	
890-9775-21 MSD	S - 4 (2.0')	Total/NA	Solid	5035	

Analysis Batch: 138647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-1	S - 1 (0-1')	Total/NA	Solid	8021B	138223
890-9775-2	S - 1 (1.5')	Total/NA	Solid	8021B	138223

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 138647 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-3	S - 1 (2.0')	Total/NA	Solid	8021B	138223
890-9775-4	S - 1 (3.0')	Total/NA	Solid	8021B	138223
890-9775-5	S - 1 (4.0')	Total/NA	Solid	8021B	138223
890-9775-6	S - 1 (5.0')	Total/NA	Solid	8021B	138223
890-9775-7	S - 2 (0-1')	Total/NA	Solid	8021B	138223
890-9775-8	S - 2 (1.5')	Total/NA	Solid	8021B	138223
890-9775-9	S - 2 (2.0')	Total/NA	Solid	8021B	138223
890-9775-10	S - 2 (3.0')	Total/NA	Solid	8021B	138223
890-9775-11	S - 2 (4.0')	Total/NA	Solid	8021B	138223
890-9775-12	S - 2 (5.0')	Total/NA	Solid	8021B	138223
890-9775-13	S - 3 (0-1')	Total/NA	Solid	8021B	138223
890-9775-14	S - 3 (1.5')	Total/NA	Solid	8021B	138223
890-9775-15	S - 3 (2.0')	Total/NA	Solid	8021B	138223
890-9775-16	S - 3 (3.0')	Total/NA	Solid	8021B	138223
890-9775-17	S - 3 (4.0')	Total/NA	Solid	8021B	138223
890-9775-18	S - 3 (5.0')	Total/NA	Solid	8021B	138223
890-9775-20	S - 4 (1.5')	Total/NA	Solid	8021B	138223
MB 880-138223/5-A	Method Blank	Total/NA	Solid	8021B	138223
MB 880-138676/5-A	Method Blank	Total/NA	Solid	8021B	138676
LCS 880-138223/1-A	Lab Control Sample	Total/NA	Solid	8021B	138223
LCSD 880-138223/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138223
890-9775-2 MS	S - 1 (1.5')	Total/NA	Solid	8021B	138223
890-9775-2 MSD	S - 1 (1.5')	Total/NA	Solid	8021B	138223

Prep Batch: 138676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-138676/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 138723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-21	S - 4 (2.0')	Total/NA	Solid	8021B	138224
890-9775-22	S - 4 (3.0')	Total/NA	Solid	8021B	138224
890-9775-23	S - 4 (4.0')	Total/NA	Solid	8021B	138224
890-9775-24	S - 4 (5.0')	Total/NA	Solid	8021B	138224
890-9775-25	S - 5 (0-1')	Total/NA	Solid	8021B	138224
890-9775-26	S - 5 (1.5')	Total/NA	Solid	8021B	138224
890-9775-27	S - 5 (2.0')	Total/NA	Solid	8021B	138224
890-9775-28	S - 5 (3.0')	Total/NA	Solid	8021B	138224
890-9775-29	S - 5 (4.0')	Total/NA	Solid	8021B	138224
890-9775-30	S - 5 (5.0')	Total/NA	Solid	8021B	138224
MB 880-138221/5-A	Method Blank	Total/NA	Solid	8021B	138221
MB 880-138224/5-A	Method Blank	Total/NA	Solid	8021B	138224
LCS 880-138224/1-A	Lab Control Sample	Total/NA	Solid	8021B	138224
LCSD 880-138224/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138224
890-9775-21 MS	S - 4 (2.0')	Total/NA	Solid	8021B	138224
890-9775-21 MSD	S - 4 (2.0')	Total/NA	Solid	8021B	138224

Prep Batch: 138827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-2	S - 1 (1.5')	Total/NA	Solid	5035	
890-9775-7	S - 2 (0-1')	Total/NA	Solid	5035	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 138827 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-19	S - 4 (0-1')	Total/NA	Solid	5035	
MB 880-138827/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138827/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138827/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71364-A-13-B MS	Matrix Spike	Total/NA	Solid	5035	
880-71364-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 138828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-2	S - 1 (1.5')	Total/NA	Solid	8021B	138827
890-9775-7	S - 2 (0-1')	Total/NA	Solid	8021B	138827
890-9775-19	S - 4 (0-1')	Total/NA	Solid	8021B	138827
MB 880-138827/5-A	Method Blank	Total/NA	Solid	8021B	138827
LCS 880-138827/1-A	Lab Control Sample	Total/NA	Solid	8021B	138827
LCSD 880-138827/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138827
880-71364-A-13-B MS	Matrix Spike	Total/NA	Solid	8021B	138827
880-71364-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	138827

Analysis Batch: 138847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-1	S - 1 (0-1')	Total/NA	Solid	Total BTEX	
890-9775-2	S - 1 (1.5')	Total/NA	Solid	Total BTEX	
890-9775-3	S - 1 (2.0')	Total/NA	Solid	Total BTEX	
890-9775-4	S - 1 (3.0')	Total/NA	Solid	Total BTEX	
890-9775-5	S - 1 (4.0')	Total/NA	Solid	Total BTEX	
890-9775-6	S - 1 (5.0')	Total/NA	Solid	Total BTEX	
890-9775-7	S - 2 (0-1')	Total/NA	Solid	Total BTEX	
890-9775-8	S - 2 (1.5')	Total/NA	Solid	Total BTEX	
890-9775-9	S - 2 (2.0')	Total/NA	Solid	Total BTEX	
890-9775-10	S - 2 (3.0')	Total/NA	Solid	Total BTEX	
890-9775-11	S - 2 (4.0')	Total/NA	Solid	Total BTEX	
890-9775-12	S - 2 (5.0')	Total/NA	Solid	Total BTEX	
890-9775-13	S - 3 (0-1')	Total/NA	Solid	Total BTEX	
890-9775-14	S - 3 (1.5')	Total/NA	Solid	Total BTEX	
890-9775-15	S - 3 (2.0')	Total/NA	Solid	Total BTEX	
890-9775-16	S - 3 (3.0')	Total/NA	Solid	Total BTEX	
890-9775-17	S - 3 (4.0')	Total/NA	Solid	Total BTEX	
890-9775-18	S - 3 (5.0')	Total/NA	Solid	Total BTEX	
890-9775-19	S - 4 (0-1')	Total/NA	Solid	Total BTEX	
890-9775-20	S - 4 (1.5')	Total/NA	Solid	Total BTEX	
890-9775-21	S - 4 (2.0')	Total/NA	Solid	Total BTEX	
890-9775-22	S - 4 (3.0')	Total/NA	Solid	Total BTEX	
890-9775-23	S - 4 (4.0')	Total/NA	Solid	Total BTEX	
890-9775-24	S - 4 (5.0')	Total/NA	Solid	Total BTEX	
890-9775-25	S - 5 (0-1')	Total/NA	Solid	Total BTEX	
890-9775-26	S - 5 (1.5')	Total/NA	Solid	Total BTEX	
890-9775-27	S - 5 (2.0')	Total/NA	Solid	Total BTEX	
890-9775-28	S - 5 (3.0')	Total/NA	Solid	Total BTEX	
890-9775-29	S - 5 (4.0')	Total/NA	Solid	Total BTEX	
890-9775-30	S - 5 (5.0')	Total/NA	Solid	Total BTEX	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

GC Semi VOA

Prep Batch: 137783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-1	S - 1 (0-1')	Total/NA	Solid	8015NM Prep	
890-9775-2	S - 1 (1.5')	Total/NA	Solid	8015NM Prep	
890-9775-3	S - 1 (2.0')	Total/NA	Solid	8015NM Prep	
890-9775-4	S - 1 (3.0')	Total/NA	Solid	8015NM Prep	
890-9775-5	S - 1 (4.0')	Total/NA	Solid	8015NM Prep	
890-9775-6	S - 1 (5.0')	Total/NA	Solid	8015NM Prep	
890-9775-7	S - 2 (0-1')	Total/NA	Solid	8015NM Prep	
890-9775-8	S - 2 (1.5')	Total/NA	Solid	8015NM Prep	
890-9775-9	S - 2 (2.0')	Total/NA	Solid	8015NM Prep	
890-9775-10	S - 2 (3.0')	Total/NA	Solid	8015NM Prep	
890-9775-11	S - 2 (4.0')	Total/NA	Solid	8015NM Prep	
890-9775-12	S - 2 (5.0')	Total/NA	Solid	8015NM Prep	
890-9775-13	S - 3 (0-1')	Total/NA	Solid	8015NM Prep	
890-9775-14	S - 3 (1.5')	Total/NA	Solid	8015NM Prep	
890-9775-15	S - 3 (2.0')	Total/NA	Solid	8015NM Prep	
890-9775-16	S - 3 (3.0')	Total/NA	Solid	8015NM Prep	
890-9775-17	S - 3 (4.0')	Total/NA	Solid	8015NM Prep	
890-9775-18	S - 3 (5.0')	Total/NA	Solid	8015NM Prep	
890-9775-19	S - 4 (0-1')	Total/NA	Solid	8015NM Prep	
890-9775-20	S - 4 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-137783/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137783/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137783/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9775-2 MS	S - 1 (1.5')	Total/NA	Solid	8015NM Prep	
890-9775-2 MSD	S - 1 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 137784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-21	S - 4 (2.0')	Total/NA	Solid	8015NM Prep	
890-9775-22	S - 4 (3.0')	Total/NA	Solid	8015NM Prep	
890-9775-23	S - 4 (4.0')	Total/NA	Solid	8015NM Prep	
890-9775-24	S - 4 (5.0')	Total/NA	Solid	8015NM Prep	
890-9775-25	S - 5 (0-1')	Total/NA	Solid	8015NM Prep	
890-9775-26	S - 5 (1.5')	Total/NA	Solid	8015NM Prep	
890-9775-27	S - 5 (2.0')	Total/NA	Solid	8015NM Prep	
890-9775-28	S - 5 (3.0')	Total/NA	Solid	8015NM Prep	
890-9775-29	S - 5 (4.0')	Total/NA	Solid	8015NM Prep	
890-9775-30	S - 5 (5.0')	Total/NA	Solid	8015NM Prep	
MB 880-137784/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137784/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137784/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9775-21 MS	S - 4 (2.0')	Total/NA	Solid	8015NM Prep	
890-9775-21 MSD	S - 4 (2.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 138186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-1	S - 1 (0-1')	Total/NA	Solid	8015B NM	137783
890-9775-2	S - 1 (1.5')	Total/NA	Solid	8015B NM	137783
890-9775-3	S - 1 (2.0')	Total/NA	Solid	8015B NM	137783
890-9775-4	S - 1 (3.0')	Total/NA	Solid	8015B NM	137783
890-9775-5	S - 1 (4.0')	Total/NA	Solid	8015B NM	137783

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 138186 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-6	S - 1 (5.0')	Total/NA	Solid	8015B NM	137783
890-9775-7	S - 2 (0-1')	Total/NA	Solid	8015B NM	137783
890-9775-8	S - 2 (1.5')	Total/NA	Solid	8015B NM	137783
890-9775-9	S - 2 (2.0')	Total/NA	Solid	8015B NM	137783
890-9775-10	S - 2 (3.0')	Total/NA	Solid	8015B NM	137783
890-9775-11	S - 2 (4.0')	Total/NA	Solid	8015B NM	137783
890-9775-12	S - 2 (5.0')	Total/NA	Solid	8015B NM	137783
890-9775-13	S - 3 (0-1')	Total/NA	Solid	8015B NM	137783
890-9775-14	S - 3 (1.5')	Total/NA	Solid	8015B NM	137783
890-9775-15	S - 3 (2.0')	Total/NA	Solid	8015B NM	137783
890-9775-16	S - 3 (3.0')	Total/NA	Solid	8015B NM	137783
890-9775-17	S - 3 (4.0')	Total/NA	Solid	8015B NM	137783
890-9775-18	S - 3 (5.0')	Total/NA	Solid	8015B NM	137783
890-9775-19	S - 4 (0-1')	Total/NA	Solid	8015B NM	137783
890-9775-20	S - 4 (1.5')	Total/NA	Solid	8015B NM	137783
MB 880-137783/1-A	Method Blank	Total/NA	Solid	8015B NM	137783
LCS 880-137783/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137783
LCSD 880-137783/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137783
890-9775-2 MS	S - 1 (1.5')	Total/NA	Solid	8015B NM	137783
890-9775-2 MSD	S - 1 (1.5')	Total/NA	Solid	8015B NM	137783

Analysis Batch: 138195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-21	S - 4 (2.0')	Total/NA	Solid	8015B NM	137784
890-9775-22	S - 4 (3.0')	Total/NA	Solid	8015B NM	137784
890-9775-23	S - 4 (4.0')	Total/NA	Solid	8015B NM	137784
890-9775-24	S - 4 (5.0')	Total/NA	Solid	8015B NM	137784
890-9775-25	S - 5 (0-1')	Total/NA	Solid	8015B NM	137784
890-9775-26	S - 5 (1.5')	Total/NA	Solid	8015B NM	137784
890-9775-27	S - 5 (2.0')	Total/NA	Solid	8015B NM	137784
890-9775-28	S - 5 (3.0')	Total/NA	Solid	8015B NM	137784
890-9775-29	S - 5 (4.0')	Total/NA	Solid	8015B NM	137784
890-9775-30	S - 5 (5.0')	Total/NA	Solid	8015B NM	137784
MB 880-137784/1-A	Method Blank	Total/NA	Solid	8015B NM	137784
LCS 880-137784/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137784
LCSD 880-137784/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137784
890-9775-21 MS	S - 4 (2.0')	Total/NA	Solid	8015B NM	137784
890-9775-21 MSD	S - 4 (2.0')	Total/NA	Solid	8015B NM	137784

Analysis Batch: 138324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-1	S - 1 (0-1')	Total/NA	Solid	8015 NM	
890-9775-2	S - 1 (1.5')	Total/NA	Solid	8015 NM	
890-9775-3	S - 1 (2.0')	Total/NA	Solid	8015 NM	
890-9775-4	S - 1 (3.0')	Total/NA	Solid	8015 NM	
890-9775-5	S - 1 (4.0')	Total/NA	Solid	8015 NM	
890-9775-6	S - 1 (5.0')	Total/NA	Solid	8015 NM	
890-9775-7	S - 2 (0-1')	Total/NA	Solid	8015 NM	
890-9775-8	S - 2 (1.5')	Total/NA	Solid	8015 NM	
890-9775-9	S - 2 (2.0')	Total/NA	Solid	8015 NM	
890-9775-10	S - 2 (3.0')	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 138324 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-11	S - 2 (4.0')	Total/NA	Solid	8015 NM	
890-9775-12	S - 2 (5.0')	Total/NA	Solid	8015 NM	
890-9775-13	S - 3 (0-1')	Total/NA	Solid	8015 NM	
890-9775-14	S - 3 (1.5')	Total/NA	Solid	8015 NM	
890-9775-15	S - 3 (2.0')	Total/NA	Solid	8015 NM	
890-9775-16	S - 3 (3.0')	Total/NA	Solid	8015 NM	
890-9775-17	S - 3 (4.0')	Total/NA	Solid	8015 NM	
890-9775-18	S - 3 (5.0')	Total/NA	Solid	8015 NM	
890-9775-19	S - 4 (0-1')	Total/NA	Solid	8015 NM	
890-9775-20	S - 4 (1.5')	Total/NA	Solid	8015 NM	
890-9775-21	S - 4 (2.0')	Total/NA	Solid	8015 NM	
890-9775-22	S - 4 (3.0')	Total/NA	Solid	8015 NM	
890-9775-23	S - 4 (4.0')	Total/NA	Solid	8015 NM	
890-9775-24	S - 4 (5.0')	Total/NA	Solid	8015 NM	
890-9775-25	S - 5 (0-1')	Total/NA	Solid	8015 NM	
890-9775-26	S - 5 (1.5')	Total/NA	Solid	8015 NM	
890-9775-27	S - 5 (2.0')	Total/NA	Solid	8015 NM	
890-9775-28	S - 5 (3.0')	Total/NA	Solid	8015 NM	
890-9775-29	S - 5 (4.0')	Total/NA	Solid	8015 NM	
890-9775-30	S - 5 (5.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 137908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-1	S - 1 (0-1')	Soluble	Solid	DI Leach	
890-9775-2	S - 1 (1.5')	Soluble	Solid	DI Leach	
890-9775-3	S - 1 (2.0')	Soluble	Solid	DI Leach	
890-9775-4	S - 1 (3.0')	Soluble	Solid	DI Leach	
890-9775-5	S - 1 (4.0')	Soluble	Solid	DI Leach	
890-9775-6	S - 1 (5.0')	Soluble	Solid	DI Leach	
890-9775-7	S - 2 (0-1')	Soluble	Solid	DI Leach	
890-9775-8	S - 2 (1.5')	Soluble	Solid	DI Leach	
890-9775-9	S - 2 (2.0')	Soluble	Solid	DI Leach	
890-9775-10	S - 2 (3.0')	Soluble	Solid	DI Leach	
890-9775-11	S - 2 (4.0')	Soluble	Solid	DI Leach	
890-9775-12	S - 2 (5.0')	Soluble	Solid	DI Leach	
890-9775-13	S - 3 (0-1')	Soluble	Solid	DI Leach	
890-9775-14	S - 3 (1.5')	Soluble	Solid	DI Leach	
890-9775-15	S - 3 (2.0')	Soluble	Solid	DI Leach	
890-9775-16	S - 3 (3.0')	Soluble	Solid	DI Leach	
890-9775-17	S - 3 (4.0')	Soluble	Solid	DI Leach	
890-9775-18	S - 3 (5.0')	Soluble	Solid	DI Leach	
890-9775-19	S - 4 (0-1')	Soluble	Solid	DI Leach	
890-9775-20	S - 4 (1.5')	Soluble	Solid	DI Leach	
MB 880-137908/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137908/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137908/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9775-1 MS	S - 1 (0-1')	Soluble	Solid	DI Leach	
890-9775-1 MSD	S - 1 (0-1')	Soluble	Solid	DI Leach	
890-9775-11 MS	S - 2 (4.0')	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 137908 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-11 MSD	S - 2 (4.0')	Soluble	Solid	DI Leach	

Leach Batch: 137913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-21	S - 4 (2.0')	Soluble	Solid	DI Leach	
890-9775-22	S - 4 (3.0')	Soluble	Solid	DI Leach	
890-9775-23	S - 4 (4.0')	Soluble	Solid	DI Leach	
890-9775-24	S - 4 (5.0')	Soluble	Solid	DI Leach	
890-9775-25	S - 5 (0-1')	Soluble	Solid	DI Leach	
890-9775-26	S - 5 (1.5')	Soluble	Solid	DI Leach	
890-9775-27	S - 5 (2.0')	Soluble	Solid	DI Leach	
890-9775-28	S - 5 (3.0')	Soluble	Solid	DI Leach	
890-9775-29	S - 5 (4.0')	Soluble	Solid	DI Leach	
890-9775-30	S - 5 (5.0')	Soluble	Solid	DI Leach	
MB 880-137913/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137913/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137913/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9775-22 MS	S - 4 (3.0')	Soluble	Solid	DI Leach	
890-9775-22 MSD	S - 4 (3.0')	Soluble	Solid	DI Leach	

Analysis Batch: 137977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-1	S - 1 (0-1')	Soluble	Solid	300.0	137908
890-9775-2	S - 1 (1.5')	Soluble	Solid	300.0	137908
890-9775-3	S - 1 (2.0')	Soluble	Solid	300.0	137908
890-9775-4	S - 1 (3.0')	Soluble	Solid	300.0	137908
890-9775-5	S - 1 (4.0')	Soluble	Solid	300.0	137908
890-9775-6	S - 1 (5.0')	Soluble	Solid	300.0	137908
890-9775-7	S - 2 (0-1')	Soluble	Solid	300.0	137908
890-9775-8	S - 2 (1.5')	Soluble	Solid	300.0	137908
890-9775-9	S - 2 (2.0')	Soluble	Solid	300.0	137908
890-9775-10	S - 2 (3.0')	Soluble	Solid	300.0	137908
890-9775-11	S - 2 (4.0')	Soluble	Solid	300.0	137908
890-9775-12	S - 2 (5.0')	Soluble	Solid	300.0	137908
890-9775-13	S - 3 (0-1')	Soluble	Solid	300.0	137908
890-9775-14	S - 3 (1.5')	Soluble	Solid	300.0	137908
890-9775-15	S - 3 (2.0')	Soluble	Solid	300.0	137908
890-9775-16	S - 3 (3.0')	Soluble	Solid	300.0	137908
890-9775-17	S - 3 (4.0')	Soluble	Solid	300.0	137908
890-9775-18	S - 3 (5.0')	Soluble	Solid	300.0	137908
890-9775-19	S - 4 (0-1')	Soluble	Solid	300.0	137908
890-9775-20	S - 4 (1.5')	Soluble	Solid	300.0	137908
MB 880-137908/1-A	Method Blank	Soluble	Solid	300.0	137908
LCS 880-137908/2-A	Lab Control Sample	Soluble	Solid	300.0	137908
LCSD 880-137908/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137908
890-9775-1 MS	S - 1 (0-1')	Soluble	Solid	300.0	137908
890-9775-1 MSD	S - 1 (0-1')	Soluble	Solid	300.0	137908
890-9775-11 MS	S - 2 (4.0')	Soluble	Solid	300.0	137908
890-9775-11 MSD	S - 2 (4.0')	Soluble	Solid	300.0	137908

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

HPLC/IC

Analysis Batch: 137990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9775-21	S - 4 (2.0')	Soluble	Solid	300.0	137913
890-9775-22	S - 4 (3.0')	Soluble	Solid	300.0	137913
890-9775-23	S - 4 (4.0')	Soluble	Solid	300.0	137913
890-9775-24	S - 4 (5.0')	Soluble	Solid	300.0	137913
890-9775-25	S - 5 (0-1')	Soluble	Solid	300.0	137913
890-9775-26	S - 5 (1.5')	Soluble	Solid	300.0	137913
890-9775-27	S - 5 (2.0')	Soluble	Solid	300.0	137913
890-9775-28	S - 5 (3.0')	Soluble	Solid	300.0	137913
890-9775-29	S - 5 (4.0')	Soluble	Solid	300.0	137913
890-9775-30	S - 5 (5.0')	Soluble	Solid	300.0	137913
MB 880-137913/1-A	Method Blank	Soluble	Solid	300.0	137913
LCS 880-137913/2-A	Lab Control Sample	Soluble	Solid	300.0	137913
LCSD 880-137913/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137913
890-9775-22 MS	S - 4 (3.0')	Soluble	Solid	300.0	137913
890-9775-22 MSD	S - 4 (3.0')	Soluble	Solid	300.0	137913

Lab Chronicle

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 1 (0-1')**Lab Sample ID: 890-9775-1****Date Collected: 04/14/26 08:31****Matrix: Solid****Date Received: 04/14/26 14:42**

Prep 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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	138647	04/23/26 22:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/23/26 22:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 04:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	138186	04/18/26 04:14	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	137977	04/18/26 15:47	CS	EET MID

Client Sample ID: S - 1 (1.5')**Lab Sample ID: 890-9775-2****Date Collected: 04/14/26 08:34****Matrix: Solid****Date Received: 04/14/26 14:42**

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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/23/26 19:10	MNR	EET MID
Total/NA	Prep	5035			4.97 g	5 mL	138827	04/24/26 07:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	138828	04/24/26 11:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 11:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 03:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 03:27	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137977	04/18/26 16:01	CS	EET MID

Client Sample ID: S - 1 (2.0')**Lab Sample ID: 890-9775-3****Date Collected: 04/14/26 08:38****Matrix: Solid****Date Received: 04/14/26 14:42**

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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/23/26 19:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/23/26 19:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 04:28	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 04:28	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137977	04/18/26 16:06	CS	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 1 (3.0')

Lab Sample ID: 890-9775-4

Date Collected: 04/14/26 08:41

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/23/26 19:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/23/26 19:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 04:44	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 04:44	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137977	04/18/26 16:11	CS	EET MID

Client Sample ID: S - 1 (4.0')

Lab Sample ID: 890-9775-5

Date Collected: 04/14/26 08:43

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/23/26 20:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/23/26 20:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 04:59	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 04:59	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137977	04/18/26 16:16	CS	EET MID

Client Sample ID: S - 1 (5.0')

Lab Sample ID: 890-9775-6

Date Collected: 04/14/26 08:47

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/23/26 20:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/23/26 20:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 05:15	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 05:15	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137977	04/18/26 16:30	CS	EET MID

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

Lab Sample ID: 890-9775-7

Date Collected: 04/14/26 08:55

Matrix: Solid

Date Received: 04/14/26 14:42

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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/23/26 20:53	MNR	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9775-7

Date Collected: 04/14/26 08:55

Matrix: Solid

Date Received: 04/14/26 14:42

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	138827	04/24/26 07:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	138828	04/24/26 12:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 12:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 05:29	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 05:29	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	137977	04/18/26 16:35	CS	EET MID

Client Sample ID: S - 2 (1.5')

Lab Sample ID: 890-9775-8

Date Collected: 04/14/26 08:59

Matrix: Solid

Date Received: 04/14/26 14:42

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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/23/26 21:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/23/26 21:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 05:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 05:45	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	137977	04/18/26 16:40	CS	EET MID

Client Sample ID: S - 2 (2.0')

Lab Sample ID: 890-9775-9

Date Collected: 04/14/26 09:03

Matrix: Solid

Date Received: 04/14/26 14:42

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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/23/26 21:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/23/26 21:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 05:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 05:59	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	137977	04/18/26 16:45	CS	EET MID

Client Sample ID: S - 2 (3.0')

Lab Sample ID: 890-9775-10

Date Collected: 04/14/26 09:06

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/23/26 21:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/23/26 21:55	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 2 (3.0')

Lab Sample ID: 890-9775-10

Date Collected: 04/14/26 09:06

Matrix: Solid

Date Received: 04/14/26 14:42

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			138324	04/18/26 06:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 06:13	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	137977	04/18/26 16:50	CS	EET MID

Client Sample ID: S - 2 (4.0')

Lab Sample ID: 890-9775-11

Date Collected: 04/14/26 09:09

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/23/26 23:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/23/26 23:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 06:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 06:42	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137977	04/18/26 16:54	CS	EET MID

Client Sample ID: S - 2 (5.0')

Lab Sample ID: 890-9775-12

Date Collected: 04/14/26 09:13

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/24/26 00:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 00:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 06:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 06:56	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137977	04/18/26 17:09	CS	EET MID

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

Lab Sample ID: 890-9775-13

Date Collected: 04/14/26 09:17

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	138647	04/24/26 02:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 02:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 07:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	138186	04/18/26 07:11	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9775-13

Date Collected: 04/14/26 09:17

Matrix: Solid

Date Received: 04/14/26 14:42

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	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137977	04/18/26 17:14	CS	EET MID

Client Sample ID: S - 3 (1.5')

Lab Sample ID: 890-9775-14

Date Collected: 04/14/26 09:20

Matrix: Solid

Date Received: 04/14/26 14:42

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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/24/26 00:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 00:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 07:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 07:25	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137977	04/18/26 17:28	CS	EET MID

Client Sample ID: S - 3 (2.0')

Lab Sample ID: 890-9775-15

Date Collected: 04/14/26 09:23

Matrix: Solid

Date Received: 04/14/26 14:42

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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/24/26 00:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 00:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 07:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 07:39	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137977	04/18/26 17:33	CS	EET MID

Client Sample ID: S - 3 (3.0')

Lab Sample ID: 890-9775-16

Date Collected: 04/14/26 09:27

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/24/26 01:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 01:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 07:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 07:52	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137977	04/18/26 17:38	CS	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 3 (4.0')

Lab Sample ID: 890-9775-17

Date Collected: 04/14/26 09:31

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/24/26 01:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 01:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 08:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 08:06	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137977	04/18/26 17:43	CS	EET MID

Client Sample ID: S - 3 (5.0')

Lab Sample ID: 890-9775-18

Date Collected: 04/14/26 09:35

Matrix: Solid

Date Received: 04/14/26 14:42

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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/24/26 01:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 01:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 08:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 08:20	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137977	04/18/26 17:48	CS	EET MID

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

Lab Sample ID: 890-9775-19

Date Collected: 04/14/26 09:39

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138827	04/24/26 07:44	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	138828	04/24/26 12:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 12:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 08:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 08:34	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137977	04/18/26 17:52	CS	EET MID

Client Sample ID: S - 4 (1.5')

Lab Sample ID: 890-9775-20

Date Collected: 04/14/26 09:43

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138223	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/24/26 02:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 02:24	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 4 (1.5')**Lab Sample ID: 890-9775-20****Date Collected: 04/14/26 09:43****Matrix: Solid****Date Received: 04/14/26 14:42**

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			138324	04/18/26 08:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137783	04/14/26 19:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138186	04/18/26 08:48	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137908	04/15/26 16:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137977	04/18/26 17:57	CS	EET MID

Client Sample ID: S - 4 (2.0')**Lab Sample ID: 890-9775-21****Date Collected: 04/14/26 09:45****Matrix: Solid****Date Received: 04/14/26 14:42**

Prep 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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 02:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 02:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 03:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 03:27	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137913	04/15/26 16:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137990	04/18/26 02:51	SMC	EET MID

Client Sample ID: S - 4 (3.0')**Lab Sample ID: 890-9775-22****Date Collected: 04/14/26 09:49****Matrix: Solid****Date Received: 04/14/26 14:42**

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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 03:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 03:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 04:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 04:14	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137913	04/15/26 16:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137990	04/18/26 02:55	SMC	EET MID

Client Sample ID: S - 4 (4.0')**Lab Sample ID: 890-9775-23****Date Collected: 04/14/26 09:54****Matrix: Solid****Date Received: 04/14/26 14:42**

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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 03:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 03:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 04:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 04:28	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 4 (4.0')

Lab Sample ID: 890-9775-23

Date Collected: 04/14/26 09:54

Matrix: Solid

Date Received: 04/14/26 14:42

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	137913	04/15/26 16:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137990	04/18/26 03:10	SMC	EET MID

Client Sample ID: S - 4 (5.0')

Lab Sample ID: 890-9775-24

Date Collected: 04/14/26 09:59

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 03:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 03:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 04:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 04:44	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137913	04/15/26 16:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137990	04/18/26 03:15	SMC	EET MID

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

Lab Sample ID: 890-9775-25

Date Collected: 04/14/26 10:04

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 04:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 04:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 04:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 04:59	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137913	04/15/26 16:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137990	04/18/26 03:29	SMC	EET MID

Client Sample ID: S - 5 (1.5')

Lab Sample ID: 890-9775-26

Date Collected: 04/14/26 10:07

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 04:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 04:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 05:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 05:15	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137913	04/15/26 16:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137990	04/18/26 03:34	SMC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 5 (2.0')

Lab Sample ID: 890-9775-27

Date Collected: 04/14/26 10:11

Matrix: Solid

Date Received: 04/14/26 14:42

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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 04:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 04:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 05:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 05:29	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	137913	04/15/26 16:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137990	04/18/26 03:39	SMC	EET MID

Client Sample ID: S - 5 (3.0')

Lab Sample ID: 890-9775-28

Date Collected: 04/14/26 10:14

Matrix: Solid

Date Received: 04/14/26 14:42

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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 05:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 05:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 05:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 05:45	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137913	04/15/26 16:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137990	04/18/26 03:44	SMC	EET MID

Client Sample ID: S - 5 (4.0')

Lab Sample ID: 890-9775-29

Date Collected: 04/14/26 10:17

Matrix: Solid

Date Received: 04/14/26 14:42

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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 05:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 05:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			138324	04/18/26 05:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 05:59	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137913	04/15/26 16:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137990	04/18/26 03:49	SMC	EET MID

Client Sample ID: S - 5 (5.0')

Lab Sample ID: 890-9775-30

Date Collected: 04/14/26 10:21

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 06:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138847	04/24/26 06:01	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Client Sample ID: S - 5 (5.0')
Date Collected: 04/14/26 10:21
Date Received: 04/14/26 14:42

Lab Sample ID: 890-9775-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			138324	04/18/26 06:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 06:13	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137913	04/15/26 16:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137990	04/18/26 03:53	SMC	EET MID

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

Job ID: 890-9775-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

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

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources

Job ID: 890-9775-1

Project/Site: COTTON DRAW SECTION 4 SAT (04.07.2026)

SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9775-1	S - 1 (0-1')	Solid	04/14/26 08:31	04/14/26 14:42	New Mexico
890-9775-2	S - 1 (1.5')	Solid	04/14/26 08:34	04/14/26 14:42	New Mexico
890-9775-3	S - 1 (2.0')	Solid	04/14/26 08:38	04/14/26 14:42	New Mexico
890-9775-4	S - 1 (3.0')	Solid	04/14/26 08:41	04/14/26 14:42	New Mexico
890-9775-5	S - 1 (4.0')	Solid	04/14/26 08:43	04/14/26 14:42	New Mexico
890-9775-6	S - 1 (5.0')	Solid	04/14/26 08:47	04/14/26 14:42	New Mexico
890-9775-7	S - 2 (0-1')	Solid	04/14/26 08:55	04/14/26 14:42	New Mexico
890-9775-8	S - 2 (1.5')	Solid	04/14/26 08:59	04/14/26 14:42	New Mexico
890-9775-9	S - 2 (2.0')	Solid	04/14/26 09:03	04/14/26 14:42	New Mexico
890-9775-10	S - 2 (3.0')	Solid	04/14/26 09:06	04/14/26 14:42	New Mexico
890-9775-11	S - 2 (4.0')	Solid	04/14/26 09:09	04/14/26 14:42	New Mexico
890-9775-12	S - 2 (5.0')	Solid	04/14/26 09:13	04/14/26 14:42	New Mexico
890-9775-13	S - 3 (0-1')	Solid	04/14/26 09:17	04/14/26 14:42	New Mexico
890-9775-14	S - 3 (1.5')	Solid	04/14/26 09:20	04/14/26 14:42	New Mexico
890-9775-15	S - 3 (2.0')	Solid	04/14/26 09:23	04/14/26 14:42	New Mexico
890-9775-16	S - 3 (3.0')	Solid	04/14/26 09:27	04/14/26 14:42	New Mexico
890-9775-17	S - 3 (4.0')	Solid	04/14/26 09:31	04/14/26 14:42	New Mexico
890-9775-18	S - 3 (5.0')	Solid	04/14/26 09:35	04/14/26 14:42	New Mexico
890-9775-19	S - 4 (0-1')	Solid	04/14/26 09:39	04/14/26 14:42	New Mexico
890-9775-20	S - 4 (1.5')	Solid	04/14/26 09:43	04/14/26 14:42	New Mexico
890-9775-21	S - 4 (2.0')	Solid	04/14/26 09:45	04/14/26 14:42	New Mexico
890-9775-22	S - 4 (3.0')	Solid	04/14/26 09:49	04/14/26 14:42	New Mexico
890-9775-23	S - 4 (4.0')	Solid	04/14/26 09:54	04/14/26 14:42	New Mexico
890-9775-24	S - 4 (5.0')	Solid	04/14/26 09:59	04/14/26 14:42	New Mexico
890-9775-25	S - 5 (0-1')	Solid	04/14/26 10:04	04/14/26 14:42	New Mexico
890-9775-26	S - 5 (1.5')	Solid	04/14/26 10:07	04/14/26 14:42	New Mexico
890-9775-27	S - 5 (2.0')	Solid	04/14/26 10:11	04/14/26 14:42	New Mexico
890-9775-28	S - 5 (3.0')	Solid	04/14/26 10:14	04/14/26 14:42	New Mexico
890-9775-29	S - 5 (4.0')	Solid	04/14/26 10:17	04/14/26 14:42	New Mexico
890-9775-30	S - 5 (5.0')	Solid	04/14/26 10:21	04/14/26 14:42	New Mexico

Eurofins Carlsbad

Chain of Custody

Work Order No: _____

Page 1 of 3

Project Manager:	Ashton Thielke	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:	432-813-8988	Email:	ThielkeA@carmonaresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Rowfields ☐ RRC ☐ perfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		Cotton Draw Section 4 SAT (04.07.2026)		Turn Around		Pres. Code		Parameters		BTEX 8021B		TPH 8015M (GRO + DRO + MRO)		Chloride 300.0		Hold		Preservative Codes	
Project Number:		3242		☒ Routine ☐ Rush														None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
Project Location		Lea County, New Mexico		Due Date:		Normal													
Sampler's Name:		JDC																	
PO #:																			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No											
Received Intact:		Yes No				Thermometer ID:		T-0.2											
Cooler Custody Seals:		Yes No		N/A		Correction Factor:		-0.2											
Sample Custody Seals:		Yes No		N/A		Temperature Reading:		-1.8											
Total Containers:						Corrected Temperature:		-1.6											
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont							
S-1 (0-1')		4/14/2026		8:31		X				G		1		X					
S-1 (1-5')		4/14/2026		8:34		X				G		1		X					
S-1 (2-0')		4/14/2026		8:38		X				G		1		X					
S-1 (3-0')		4/14/2026		8:41		X				G		1		X					
S-1 (4-0')		4/14/2026		8:43		X				G		1		X					
S-1 (5-0')		4/14/2026		8:47		X				G		1		X					
S-2 (0-1')		4/14/2026		8:55		X				G		1		X					
S-2 (1-5')		4/14/2026		8:59		X				G		1		X					
S-2 (2-0')		4/14/2026		9:03		X				G		1		X					
S-2 (3-0')		4/14/2026		9:06		X				G		1		X					

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>		<i>[Signature]</i>	4/14/2026

Chain of Custody

Work Order No: _____

Page 2 of 3

Project Manager: Ashton Thielke		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: 432-813-8988		Email: ThielkeA@carmonaresources.com			

Project Name: Cotton Draw Section 4 SAT (04.07.2026)		Turn Around		Pres. Code	
Project Number: 3242		☒ Routine ☐ Rush			
Project Location: Lea County, New Mexico		Due Date:		Normal	
Sampler's Name: JDC					
PO #:					

SAMPLE RECEIPT									
Received Intact:	Yes ☒ No ☐	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐				
Cooler Custody Seals:	Yes ☒ No ☐	Thermometer ID:	Tinner						
Sample Custody Seals:	Yes ☒ No ☐	Correction Factor:	-0.2						
Total Containers:	Yes ☒ No ☐	Temperature Reading:	-1.8						
		Corrected Temperature:	-1.6						

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	BTX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	ANALYSIS REQUEST	Preservative Codes
S-2 (4.0')	4/14/2026	9:09	X		G	1		X	X	X		None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
S-2 (5.0')	4/14/2026	9:13	X		G	1		X	X	X		
S-3 (0-1.0')	4/14/2026	9:17	X		G	1		X	X	X		
S-3 (1.5')	4/14/2026	9:20	X		G	1		X	X	X		
S-3 (2.0')	4/14/2026	9:23	X		G	1		X	X	X		
S-3 (3.0')	4/14/2026	9:27	X		G	1		X	X	X		
S-3 (4.0')	4/14/2026	9:31	X		G	1		X	X	X		
S-3 (5.0')	4/14/2026	9:35	X		G	1		X	X	X		
S-4 (0-1.0')	4/14/2026	9:39	X		G	1		X	X	X		
S-4 (1.5')	4/14/2026	9:43	X		G	1		X	X	X		

Comments:

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
[Signature]		[Signature]		4/14/2026	

Chain of Custody

Work Order No: _____

Page 3 of 3

Project Manager:	Ashton Thielke	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:	432-813-8988	Email:	ThielkeA@carmonaresources.com

Work Order Comments	
Program: ☐ 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		
Project Name:	Cotton Draw Section 4 SAT (04.07.2026)	Turn Around	Pres. Code	Parameters	BTX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold				
Project Number:	3242	☒ Routine ☐ Rush										
Project Location:	Lea County, New Mexico	Due Date:										
Sampler's Name:	JDC											
PO #:												
SAMPLE RECEIPT Received Intact: ☒ Yes ☒ No Cooler Custody Seals: ☒ Yes ☒ No Sample Custody Seals: ☒ Yes ☒ No Total Containers: ☒ Yes ☒ No												
Temp Blank: ☒ Yes ☒ No Thermometer ID: ☒ Yes ☒ No Correction Factor: ☒ Yes ☒ No Temperature Reading: ☒ Yes ☒ No Corrected Temperature: ☒ Yes ☒ No												
Wet Ice: ☒ Yes ☒ No -0.2 -1.8 -1.6												
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont						
S-4 (2.0')	4/14/2026	9:45	X		G	1	X	X				
S-4 (3.0')	4/14/2026	9:49	X		G	1	X	X				
S-4 (4.0')	4/14/2026	9:54	X		G	1	X	X				
S-4 (5.0')	4/14/2026	9:59	X		G	1	X	X				
S-5 (0-1.0')	4/14/2026	10:04	X		G	1	X	X				
S-5 (1.5')	4/14/2026	10:07	X		G	1	X	X				
S-5 (2.0')	4/14/2026	10:11	X		G	1	X	X				
S-5 (3.0')	4/14/2026	10:14	X		G	1	X	X				
S-5 (4.0')	4/14/2026	10:17	X		G	1	X	X				
S-5 (5.0')	4/14/2026	10:21	X		G	1	X	X				

Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Ande</i>	<i>S. Swartz</i>	4/14/2026

4/24/2026

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9775-1

SDG Number: Lea County New Mexico

Login Number: 9775

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9775-1

SDG Number: Lea County New Mexico

Login Number: 9775

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 04/15/26 08:39 AM

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 4/24/2026 11:48:14 AM

JOB DESCRIPTION

Cotton Draw Section 4 SAT (04.07.2026)
Lea County New Mexico

JOB NUMBER

890-9776-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Eurofins Carlsbad

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
4/24/2026 11:48:14 AM

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

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Laboratory Job ID: 890-9776-1
SDG: Lea County New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	7
Surrogate Summary	15
QC Sample Results	16
QC Association Summary	21
Lab Chronicle	24
Certification Summary	28
Method Summary	29
Sample Summary	30
Chain of Custody	31
Receipt Checklists	32

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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.
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: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1

Job ID: 890-9776-1

Eurofins Carlsbad

Job Narrative
890-9776-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 4/14/2026 2:42 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 -1.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5) (890-9776-1), H-2 (0-0.5) (890-9776-2), H-3 (0-0.5) (890-9776-3), H-4 (0-0.5) (890-9776-4), H-5 (0-0.5) (890-9776-5), H-6 (0-0.5) (890-9776-6), H-7 (0-0.5) (890-9776-7), H-8 (0-0.5) (890-9776-8), H-9 (0-0.5) (890-9776-9) and H-10 (0-0.5) (890-9776-10).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-138224 and analytical batch 880-138723 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-138221 and 880-138224 and analytical batch 880-138723 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5) (890-9776-1), H-2 (0-0.5) (890-9776-2), H-5 (0-0.5) (890-9776-5), H-6 (0-0.5) (890-9776-6), H-7 (0-0.5) (890-9776-7), H-8 (0-0.5) (890-9776-8), H-9 (0-0.5) (890-9776-9) and H-10 (0-0.5) (890-9776-10). 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: (CCV 880-138723/33). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-137784/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300.0 - Soluble: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 880-137916 and analytical batch 880-138045 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137916 and analytical batch 880-138045 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.

Eurofins Carlsbad

Case Narrative

Client: Carmona Resources
Project: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1

Job ID: 890-9776-1 (Continued) **Eurofins Carlsbad**

The associated samples are: H-1 (0-0.5) (890-9776-1), H-2 (0-0.5) (890-9776-2), H-3 (0-0.5) (890-9776-3), H-4 (0-0.5) (890-9776-4), H-5 (0-0.5) (890-9776-5) and H-6 (0-0.5) (890-9776-6).

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

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9776-1

Date Collected: 04/14/26 10:35

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 07:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/18/26 19:33	04/24/26 07:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/18/26 19:33	04/24/26 07:36	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/18/26 19:33	04/24/26 07:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/18/26 19:33	04/24/26 07:36	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/18/26 19:33	04/24/26 07:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	04/18/26 19:33	04/24/26 07:36	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/18/26 19:33	04/24/26 07:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/24/26 07:36	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			04/18/26 06:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 06:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 06:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 06:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130	04/14/26 19:18	04/18/26 06:42	1
o-Terphenyl (Surr)	82		70 - 130	04/14/26 19:18	04/18/26 06:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	173		9.90		mg/Kg			04/18/26 06:19	1

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

Lab Sample ID: 890-9776-2

Date Collected: 04/14/26 10:41

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 07:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/24/26 07:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/24/26 07:57	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/18/26 19:33	04/24/26 07:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/24/26 07:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/18/26 19:33	04/24/26 07:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	04/18/26 19:33	04/24/26 07:57	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/18/26 19:33	04/24/26 07:57	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9776-2

Date Collected: 04/14/26 10:41

Matrix: Solid

Date Received: 04/14/26 14:42

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			04/24/26 07:57	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			04/18/26 06:56	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	<49.8	U	49.8		mg/Kg		04/14/26 19:18	04/18/26 06:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/26 19:18	04/18/26 06:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/26 19:18	04/18/26 06:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	72		70 - 130				04/14/26 19:18	04/18/26 06:56	1
o-Terphenyl (Surr)	73		70 - 130				04/14/26 19:18	04/18/26 06:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.1		10.1		mg/Kg			04/18/26 06:24	1

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

Lab Sample ID: 890-9776-3

Date Collected: 04/14/26 10:47

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 08:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 08:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 08:17	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/18/26 19:33	04/24/26 08:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 08:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/18/26 19:33	04/24/26 08:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				04/18/26 19:33	04/24/26 08:17	1
1,4-Difluorobenzene (Surr)	91		70 - 130				04/18/26 19:33	04/24/26 08:17	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			04/24/26 08:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/18/26 07:11	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	<49.7	U	49.7		mg/Kg		04/14/26 19:18	04/18/26 07:11	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/14/26 19:18	04/18/26 07:11	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9776-3

Date Collected: 04/14/26 10:47

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/14/26 19:18	04/18/26 07:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130				04/14/26 19:18	04/18/26 07:11	1
o-Terphenyl (Surr)	77		70 - 130				04/14/26 19:18	04/18/26 07:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.3		9.98		mg/Kg			04/18/26 06:28	1

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

Lab Sample ID: 890-9776-4

Date Collected: 04/14/26 10:51

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 08:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 08:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 08:38	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/18/26 19:33	04/24/26 08:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 08:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/18/26 19:33	04/24/26 08:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				04/18/26 19:33	04/24/26 08:38	1
1,4-Difluorobenzene (Surr)	84		70 - 130				04/18/26 19:33	04/24/26 08:38	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			04/24/26 08:38	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			04/18/26 07:25	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		04/14/26 19:18	04/18/26 07:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 07:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 07:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130				04/14/26 19:18	04/18/26 07:25	1
o-Terphenyl (Surr)	80		70 - 130				04/14/26 19:18	04/18/26 07:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.7		10.1		mg/Kg			04/18/26 06:33	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9776-5

Date Collected: 04/14/26 10:58

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 08:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 08:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 08:59	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/18/26 19:33	04/24/26 08:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 08:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/18/26 19:33	04/24/26 08:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	04/18/26 19:33	04/24/26 08:59	1
1,4-Difluorobenzene (Surr)	67	S1-	70 - 130	04/18/26 19:33	04/24/26 08:59	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			04/24/26 08:59	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			04/18/26 07:39	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		04/14/26 19:18	04/18/26 07:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 19:18	04/18/26 07:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 19:18	04/18/26 07:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130	04/14/26 19:18	04/18/26 07:39	1
o-Terphenyl (Surr)	89		70 - 130	04/14/26 19:18	04/18/26 07:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.3		10.1		mg/Kg			04/18/26 06:38	1

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

Lab Sample ID: 890-9776-6

Date Collected: 04/14/26 11:04

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 09:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/18/26 19:33	04/24/26 09:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/18/26 19:33	04/24/26 09:19	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/18/26 19:33	04/24/26 09:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/18/26 19:33	04/24/26 09:19	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/18/26 19:33	04/24/26 09:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	04/18/26 19:33	04/24/26 09:19	1
1,4-Difluorobenzene (Surr)	118		70 - 130	04/18/26 19:33	04/24/26 09:19	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9776-6

Date Collected: 04/14/26 11:04

Matrix: Solid

Date Received: 04/14/26 14:42

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			04/24/26 09:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/18/26 07:52	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	<49.9	U	49.9		mg/Kg		04/14/26 19:18	04/18/26 07:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 19:18	04/18/26 07:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 19:18	04/18/26 07:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				04/14/26 19:18	04/18/26 07:52	1
o-Terphenyl (Surr)	85		70 - 130				04/14/26 19:18	04/18/26 07:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	174		9.94		mg/Kg			04/18/26 06:43	1

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

Lab Sample ID: 890-9776-7

Date Collected: 04/14/26 11:09

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 09:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 09:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 09:40	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/18/26 19:33	04/24/26 09:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 09:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/18/26 19:33	04/24/26 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				04/18/26 19:33	04/24/26 09:40	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130				04/18/26 19:33	04/24/26 09:40	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			04/24/26 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/18/26 08:06	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		04/14/26 19:18	04/18/26 08:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 08:06	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9776-7

Date Collected: 04/14/26 11:09

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/14/26 19:18	04/18/26 08:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130				04/14/26 19:18	04/18/26 08:06	1
o-Terphenyl (Surr)	92		70 - 130				04/14/26 19:18	04/18/26 08:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/17/26 09:36	1

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

Lab Sample ID: 890-9776-8

Date Collected: 04/14/26 11:16

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 10:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 10:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 10:00	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/18/26 19:33	04/24/26 10:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/18/26 19:33	04/24/26 10:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/18/26 19:33	04/24/26 10:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130				04/18/26 19:33	04/24/26 10:00	1
1,4-Difluorobenzene (Surr)	114		70 - 130				04/18/26 19:33	04/24/26 10:00	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			04/24/26 10:00	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			04/18/26 08:20	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	<49.9	U	49.9		mg/Kg		04/14/26 19:18	04/18/26 08:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 19:18	04/18/26 08:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 19:18	04/18/26 08:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				04/14/26 19:18	04/18/26 08:20	1
o-Terphenyl (Surr)	85		70 - 130				04/14/26 19:18	04/18/26 08:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.2		9.96		mg/Kg			04/17/26 09:41	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9776-9

Date Collected: 04/14/26 11:21

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 10:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/24/26 10:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/24/26 10:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/18/26 19:33	04/24/26 10:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/18/26 19:33	04/24/26 10:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/18/26 19:33	04/24/26 10:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130	04/18/26 19:33	04/24/26 10:21	1
1,4-Difluorobenzene (Surr)	123		70 - 130	04/18/26 19:33	04/24/26 10:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/24/26 10:21	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			04/18/26 08:34	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		04/14/26 19:18	04/18/26 08:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 19:18	04/18/26 08:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 19:18	04/18/26 08:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130	04/14/26 19:18	04/18/26 08:34	1
o-Terphenyl (Surr)	84		70 - 130	04/14/26 19:18	04/18/26 08:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.0		9.96		mg/Kg			04/17/26 09:46	1

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

Lab Sample ID: 890-9776-10

Date Collected: 04/14/26 11:26

Matrix: Solid

Date Received: 04/14/26 14:42

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		04/18/26 19:33	04/24/26 10:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 10:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 10:41	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/18/26 19:33	04/24/26 10:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 10:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/18/26 19:33	04/24/26 10:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130	04/18/26 19:33	04/24/26 10:41	1
1,4-Difluorobenzene (Surr)	124		70 - 130	04/18/26 19:33	04/24/26 10:41	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9776-10

Date Collected: 04/14/26 11:26

Matrix: Solid

Date Received: 04/14/26 14:42

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			04/24/26 10:41	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			04/18/26 08:48	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		04/14/26 19:18	04/18/26 08:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 08:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 08:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130	04/14/26 19:18	04/18/26 08:48	1
o-Terphenyl (Surr)	98		70 - 130	04/14/26 19:18	04/18/26 08:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.6		9.92		mg/Kg			04/17/26 09:51	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-9775-A-21-H MS	Matrix Spike	75	77
890-9775-A-21-I MSD	Matrix Spike Duplicate	90	73
890-9776-1	H-1 (0-0.5)	154 S1+	101
890-9776-2	H-2 (0-0.5)	139 S1+	91
890-9776-3	H-3 (0-0.5)	128	91
890-9776-4	H-4 (0-0.5)	120	84
890-9776-5	H-5 (0-0.5)	92	67 S1-
890-9776-6	H-6 (0-0.5)	146 S1+	118
890-9776-7	H-7 (0-0.5)	96	68 S1-
890-9776-8	H-8 (0-0.5)	145 S1+	114
890-9776-9	H-9 (0-0.5)	163 S1+	123
890-9776-10	H-10 (0-0.5)	163 S1+	124
LCS 880-138224/1-A	Lab Control Sample	93	101
LCSD 880-138224/2-A	Lab Control Sample Dup	106	110
MB 880-138221/5-A	Method Blank	92	63 S1-
MB 880-138224/5-A	Method Blank	89	64 S1-
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)
890-9775-A-21-B MS	Matrix Spike	83	92
890-9775-A-21-C MSD	Matrix Spike Duplicate	83	92
890-9776-1	H-1 (0-0.5)	83	82
890-9776-2	H-2 (0-0.5)	72	73
890-9776-3	H-3 (0-0.5)	77	77
890-9776-4	H-4 (0-0.5)	78	80
890-9776-5	H-5 (0-0.5)	93	89
890-9776-6	H-6 (0-0.5)	89	85
890-9776-7	H-7 (0-0.5)	93	92
890-9776-8	H-8 (0-0.5)	89	85
890-9776-9	H-9 (0-0.5)	87	84
890-9776-10	H-10 (0-0.5)	103	98
LCS 880-137784/2-A	Lab Control Sample	77	84
LCSD 880-137784/3-A	Lab Control Sample Dup	78	84
MB 880-137784/1-A	Method Blank	401 S1+	395 S1+
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-138221/5-A

Matrix: Solid

Analysis Batch: 138723

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138221

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:32	04/23/26 15:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:32	04/23/26 15:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:32	04/23/26 15:31	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/18/26 19:32	04/23/26 15:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:32	04/23/26 15:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/18/26 19:32	04/23/26 15:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	04/18/26 19:32	04/23/26 15:31	1
1,4-Difluorobenzene (Surr)	63	S1-	70 - 130	04/18/26 19:32	04/23/26 15:31	1

Lab Sample ID: MB 880-138224/5-A

Matrix: Solid

Analysis Batch: 138723

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138224

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 02:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 02:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 02:34	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/18/26 19:33	04/24/26 02:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/18/26 19:33	04/24/26 02:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/18/26 19:33	04/24/26 02:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	04/18/26 19:33	04/24/26 02:34	1
1,4-Difluorobenzene (Surr)	64	S1-	70 - 130	04/18/26 19:33	04/24/26 02:34	1

Lab Sample ID: LCS 880-138224/1-A

Matrix: Solid

Analysis Batch: 138723

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138224

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1023		mg/Kg		102	70 - 130
Toluene	0.100	0.08439		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.1069		mg/Kg		107	70 - 130
m,p-Xylenes	0.200	0.1930		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09346		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-138224/2-A

Matrix: Solid

Analysis Batch: 138723

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138224

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	7	35

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-138224/2-A

Matrix: Solid

Analysis Batch: 138723

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138224

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09389		mg/Kg		94	70 - 130	11	35
Ethylbenzene	0.100	0.07734		mg/Kg		77	70 - 130	32	35
m,p-Xylenes	0.200	0.1658		mg/Kg		83	70 - 130	15	35
o-Xylene	0.100	0.08786		mg/Kg		88	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 890-9775-A-21-H MS

Matrix: Solid

Analysis Batch: 138723

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 138224

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07151		mg/Kg		72	70 - 130
Toluene	<0.00200	U F1	0.100	0.05981	F1	mg/Kg		60	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.02744	F1	mg/Kg		27	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.09722	F1	mg/Kg		49	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.05576	F1	mg/Kg		56	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	75		70 - 130
1,4-Difluorobenzene (Surr)	77		70 - 130

Lab Sample ID: 890-9775-A-21-I MSD

Matrix: Solid

Analysis Batch: 138723

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 138224

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	0.07207		mg/Kg		72	70 - 130	1	35
Toluene	<0.00200	U F1	0.100	0.06670	F1	mg/Kg		67	70 - 130	11	35
Ethylbenzene	<0.00200	U F1	0.100	0.03381	F1	mg/Kg		34	70 - 130	21	35
m,p-Xylenes	<0.00399	U F1	0.200	0.1124	F1	mg/Kg		56	70 - 130	14	35
o-Xylene	<0.00200	U F1	0.100	0.06324	F1	mg/Kg		63	70 - 130	13	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	73		70 - 130

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

Lab Sample ID: MB 880-137784/1-A

Matrix: Solid

Analysis Batch: 138195

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137784

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		04/14/26 19:18	04/18/26 02:25	1

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources

Job ID: 890-9776-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-137784/1-A

Matrix: Solid

Analysis Batch: 138195

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137784

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 02:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 19:18	04/18/26 02:25	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	401	S1+	70 - 130				04/14/26 19:18	04/18/26 02:25	1
o-Terphenyl (Surr)	395	S1+	70 - 130				04/14/26 19:18	04/18/26 02:25	1

Lab Sample ID: LCS 880-137784/2-A

Matrix: Solid

Analysis Batch: 138195

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 137784

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	907.9		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	948.6		mg/Kg		95	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	77		70 - 130				
o-Terphenyl (Surr)	84		70 - 130				

Lab Sample ID: LCSD 880-137784/3-A

Matrix: Solid

Analysis Batch: 138195

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 137784

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	909.8		mg/Kg		91	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	950.2		mg/Kg		95	70 - 130	0	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	78		70 - 130						
o-Terphenyl (Surr)	84		70 - 130						

Lab Sample ID: 890-9775-A-21-B MS

Matrix: Solid

Analysis Batch: 138195

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 137784

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	1000	791.4		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	<49.6	U	1000	862.7		mg/Kg		84	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	83		70 - 130						
o-Terphenyl (Surr)	92		70 - 130						

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9775-A-21-C MSD

Matrix: Solid

Analysis Batch: 138195

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 137784

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	<49.6	U	1000	801.2		mg/Kg		79	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.6	U	1000	879.5		mg/Kg		85	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	83		70 - 130								
o-Terphenyl (Surr)	92		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-137916/1-A

Matrix: Solid

Analysis Batch: 138045

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			04/18/26 04:18	1

Lab Sample ID: LCS 880-137916/2-A

Matrix: Solid

Analysis Batch: 138045

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	263.6		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-137916/3-A

Matrix: Solid

Analysis Batch: 138045

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	267.6		mg/Kg		107	90 - 110	1	20

Lab Sample ID: 820-24585-A-1-C MS

Matrix: Solid

Analysis Batch: 138045

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	1130		249	1343	4	mg/Kg		84	90 - 110

Lab Sample ID: 820-24585-A-1-D MSD

Matrix: Solid

Analysis Batch: 138045

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	1130		249	1354	4	mg/Kg		88	90 - 110	1	20

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-138082/1-A

Matrix: Solid

Analysis Batch: 138094

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			04/17/26 08:22	1

Lab Sample ID: LCS 880-138082/2-A

Matrix: Solid

Analysis Batch: 138094

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.9		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-138082/3-A

Matrix: Solid

Analysis Batch: 138094

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	242.7		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 890-9776-10 MS

Matrix: Solid

Analysis Batch: 138094

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.6		248	259.7		mg/Kg		98	90 - 110

Lab Sample ID: 890-9776-10 MSD

Matrix: Solid

Analysis Batch: 138094

Client Sample ID: H-10 (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	15.6		248	260.4		mg/Kg		99	90 - 110	0	20

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 138221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-138221/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 138224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9776-1	H-1 (0-0.5)	Total/NA	Solid	5035	
890-9776-2	H-2 (0-0.5)	Total/NA	Solid	5035	
890-9776-3	H-3 (0-0.5)	Total/NA	Solid	5035	
890-9776-4	H-4 (0-0.5)	Total/NA	Solid	5035	
890-9776-5	H-5 (0-0.5)	Total/NA	Solid	5035	
890-9776-6	H-6 (0-0.5)	Total/NA	Solid	5035	
890-9776-7	H-7 (0-0.5)	Total/NA	Solid	5035	
890-9776-8	H-8 (0-0.5)	Total/NA	Solid	5035	
890-9776-9	H-9 (0-0.5)	Total/NA	Solid	5035	
890-9776-10	H-10 (0-0.5)	Total/NA	Solid	5035	
MB 880-138224/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138224/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138224/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9775-A-21-H MS	Matrix Spike	Total/NA	Solid	5035	
890-9775-A-21-I MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 138723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9776-1	H-1 (0-0.5)	Total/NA	Solid	8021B	138224
890-9776-2	H-2 (0-0.5)	Total/NA	Solid	8021B	138224
890-9776-3	H-3 (0-0.5)	Total/NA	Solid	8021B	138224
890-9776-4	H-4 (0-0.5)	Total/NA	Solid	8021B	138224
890-9776-5	H-5 (0-0.5)	Total/NA	Solid	8021B	138224
890-9776-6	H-6 (0-0.5)	Total/NA	Solid	8021B	138224
890-9776-7	H-7 (0-0.5)	Total/NA	Solid	8021B	138224
890-9776-8	H-8 (0-0.5)	Total/NA	Solid	8021B	138224
890-9776-9	H-9 (0-0.5)	Total/NA	Solid	8021B	138224
890-9776-10	H-10 (0-0.5)	Total/NA	Solid	8021B	138224
MB 880-138221/5-A	Method Blank	Total/NA	Solid	8021B	138221
MB 880-138224/5-A	Method Blank	Total/NA	Solid	8021B	138224
LCS 880-138224/1-A	Lab Control Sample	Total/NA	Solid	8021B	138224
LCSD 880-138224/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138224
890-9775-A-21-H MS	Matrix Spike	Total/NA	Solid	8021B	138224
890-9775-A-21-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	138224

Analysis Batch: 138881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9776-1	H-1 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9776-2	H-2 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9776-3	H-3 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9776-4	H-4 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9776-5	H-5 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9776-6	H-6 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9776-7	H-7 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9776-8	H-8 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9776-9	H-9 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9776-10	H-10 (0-0.5)	Total/NA	Solid	Total BTEX	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

GC Semi VOA

Prep Batch: 137784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9776-1	H-1 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9776-2	H-2 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9776-3	H-3 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9776-4	H-4 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9776-5	H-5 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9776-6	H-6 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9776-7	H-7 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9776-8	H-8 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9776-9	H-9 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9776-10	H-10 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-137784/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137784/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137784/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9775-A-21-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9775-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 138195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9776-1	H-1 (0-0.5)	Total/NA	Solid	8015B NM	137784
890-9776-2	H-2 (0-0.5)	Total/NA	Solid	8015B NM	137784
890-9776-3	H-3 (0-0.5)	Total/NA	Solid	8015B NM	137784
890-9776-4	H-4 (0-0.5)	Total/NA	Solid	8015B NM	137784
890-9776-5	H-5 (0-0.5)	Total/NA	Solid	8015B NM	137784
890-9776-6	H-6 (0-0.5)	Total/NA	Solid	8015B NM	137784
890-9776-7	H-7 (0-0.5)	Total/NA	Solid	8015B NM	137784
890-9776-8	H-8 (0-0.5)	Total/NA	Solid	8015B NM	137784
890-9776-9	H-9 (0-0.5)	Total/NA	Solid	8015B NM	137784
890-9776-10	H-10 (0-0.5)	Total/NA	Solid	8015B NM	137784
MB 880-137784/1-A	Method Blank	Total/NA	Solid	8015B NM	137784
LCS 880-137784/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137784
LCSD 880-137784/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137784
890-9775-A-21-B MS	Matrix Spike	Total/NA	Solid	8015B NM	137784
890-9775-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	137784

Analysis Batch: 138326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9776-1	H-1 (0-0.5)	Total/NA	Solid	8015 NM	
890-9776-2	H-2 (0-0.5)	Total/NA	Solid	8015 NM	
890-9776-3	H-3 (0-0.5)	Total/NA	Solid	8015 NM	
890-9776-4	H-4 (0-0.5)	Total/NA	Solid	8015 NM	
890-9776-5	H-5 (0-0.5)	Total/NA	Solid	8015 NM	
890-9776-6	H-6 (0-0.5)	Total/NA	Solid	8015 NM	
890-9776-7	H-7 (0-0.5)	Total/NA	Solid	8015 NM	
890-9776-8	H-8 (0-0.5)	Total/NA	Solid	8015 NM	
890-9776-9	H-9 (0-0.5)	Total/NA	Solid	8015 NM	
890-9776-10	H-10 (0-0.5)	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

HPLC/IC

Leach Batch: 137916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9776-1	H-1 (0-0.5)	Soluble	Solid	DI Leach	
890-9776-2	H-2 (0-0.5)	Soluble	Solid	DI Leach	
890-9776-3	H-3 (0-0.5)	Soluble	Solid	DI Leach	
890-9776-4	H-4 (0-0.5)	Soluble	Solid	DI Leach	
890-9776-5	H-5 (0-0.5)	Soluble	Solid	DI Leach	
890-9776-6	H-6 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-137916/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137916/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137916/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
820-24585-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
820-24585-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 138045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9776-1	H-1 (0-0.5)	Soluble	Solid	300.0	137916
890-9776-2	H-2 (0-0.5)	Soluble	Solid	300.0	137916
890-9776-3	H-3 (0-0.5)	Soluble	Solid	300.0	137916
890-9776-4	H-4 (0-0.5)	Soluble	Solid	300.0	137916
890-9776-5	H-5 (0-0.5)	Soluble	Solid	300.0	137916
890-9776-6	H-6 (0-0.5)	Soluble	Solid	300.0	137916
MB 880-137916/1-A	Method Blank	Soluble	Solid	300.0	137916
LCS 880-137916/2-A	Lab Control Sample	Soluble	Solid	300.0	137916
LCSD 880-137916/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137916
820-24585-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	137916
820-24585-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	137916

Leach Batch: 138082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9776-7	H-7 (0-0.5)	Soluble	Solid	DI Leach	
890-9776-8	H-8 (0-0.5)	Soluble	Solid	DI Leach	
890-9776-9	H-9 (0-0.5)	Soluble	Solid	DI Leach	
890-9776-10	H-10 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-138082/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138082/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138082/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9776-10 MS	H-10 (0-0.5)	Soluble	Solid	DI Leach	
890-9776-10 MSD	H-10 (0-0.5)	Soluble	Solid	DI Leach	

Analysis Batch: 138094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9776-7	H-7 (0-0.5)	Soluble	Solid	300.0	138082
890-9776-8	H-8 (0-0.5)	Soluble	Solid	300.0	138082
890-9776-9	H-9 (0-0.5)	Soluble	Solid	300.0	138082
890-9776-10	H-10 (0-0.5)	Soluble	Solid	300.0	138082
MB 880-138082/1-A	Method Blank	Soluble	Solid	300.0	138082
LCS 880-138082/2-A	Lab Control Sample	Soluble	Solid	300.0	138082
LCSD 880-138082/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138082
890-9776-10 MS	H-10 (0-0.5)	Soluble	Solid	300.0	138082
890-9776-10 MSD	H-10 (0-0.5)	Soluble	Solid	300.0	138082

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9776-1

Date Collected: 04/14/26 10:35

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 07:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138881	04/24/26 07:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			138326	04/18/26 06:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 06:42	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	137916	04/15/26 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138045	04/18/26 06:19	SMC	EET MID

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

Lab Sample ID: 890-9776-2

Date Collected: 04/14/26 10:41

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 07:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138881	04/24/26 07:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			138326	04/18/26 06:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 06:56	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	137916	04/15/26 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138045	04/18/26 06:24	SMC	EET MID

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

Lab Sample ID: 890-9776-3

Date Collected: 04/14/26 10:47

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 08:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138881	04/24/26 08:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			138326	04/18/26 07:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 07:11	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137916	04/15/26 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138045	04/18/26 06:28	SMC	EET MID

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

Lab Sample ID: 890-9776-4

Date Collected: 04/14/26 10:51

Matrix: Solid

Date Received: 04/14/26 14:42

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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 08:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138881	04/24/26 08:38	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9776-4

Date Collected: 04/14/26 10:51

Matrix: Solid

Date Received: 04/14/26 14:42

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			138326	04/18/26 07:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 07:25	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	137916	04/15/26 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138045	04/18/26 06:33	SMC	EET MID

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

Lab Sample ID: 890-9776-5

Date Collected: 04/14/26 10:58

Matrix: Solid

Date Received: 04/14/26 14:42

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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 08:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138881	04/24/26 08:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			138326	04/18/26 07:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 07:39	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	137916	04/15/26 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138045	04/18/26 06:38	SMC	EET MID

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

Lab Sample ID: 890-9776-6

Date Collected: 04/14/26 11:04

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 09:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138881	04/24/26 09:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			138326	04/18/26 07:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 07:52	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	137916	04/15/26 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138045	04/18/26 06:43	SMC	EET MID

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

Lab Sample ID: 890-9776-7

Date Collected: 04/14/26 11:09

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 09:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138881	04/24/26 09:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			138326	04/18/26 08:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 08:06	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9776-7

Date Collected: 04/14/26 11:09

Matrix: Solid

Date Received: 04/14/26 14:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	138082	04/16/26 18:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138094	04/17/26 09:36	CS	EET MID

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

Lab Sample ID: 890-9776-8

Date Collected: 04/14/26 11:16

Matrix: Solid

Date Received: 04/14/26 14:42

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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 10:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138881	04/24/26 10:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			138326	04/18/26 08:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 08:20	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138082	04/16/26 18:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138094	04/17/26 09:41	CS	EET MID

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

Lab Sample ID: 890-9776-9

Date Collected: 04/14/26 11:21

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 10:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138881	04/24/26 10:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			138326	04/18/26 08:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 08:34	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138082	04/16/26 18:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138094	04/17/26 09:46	CS	EET MID

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

Lab Sample ID: 890-9776-10

Date Collected: 04/14/26 11:26

Matrix: Solid

Date Received: 04/14/26 14:42

Prep 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	138224	04/18/26 19:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138723	04/24/26 10:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138881	04/24/26 10:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			138326	04/18/26 08:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137784	04/14/26 19:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138195	04/18/26 08:48	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138082	04/16/26 18:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138094	04/17/26 09:51	CS	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
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: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9776-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9776-1	H-1 (0-0.5)	Solid	04/14/26 10:35	04/14/26 14:42	Texas
890-9776-2	H-2 (0-0.5)	Solid	04/14/26 10:41	04/14/26 14:42	Texas
890-9776-3	H-3 (0-0.5)	Solid	04/14/26 10:47	04/14/26 14:42	Texas
890-9776-4	H-4 (0-0.5)	Solid	04/14/26 10:51	04/14/26 14:42	Texas
890-9776-5	H-5 (0-0.5)	Solid	04/14/26 10:58	04/14/26 14:42	Texas
890-9776-6	H-6 (0-0.5)	Solid	04/14/26 11:04	04/14/26 14:42	Texas
890-9776-7	H-7 (0-0.5)	Solid	04/14/26 11:09	04/14/26 14:42	Texas
890-9776-8	H-8 (0-0.5)	Solid	04/14/26 11:16	04/14/26 14:42	Texas
890-9776-9	H-9 (0-0.5)	Solid	04/14/26 11:21	04/14/26 14:42	Texas
890-9776-10	H-10 (0-0.5)	Solid	04/14/26 11:26	04/14/26 14:42	Texas

Work Order Comments

Program: ☐ ST ☐ PRP ☐ rownfields ☐ RRC ☐ perfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Manager:	Ashton Thielke	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:	432-813-8988	Email:	ThielkeA@carmonaresources.com

Project Name:		Cotton Draw Section 4 SAT (04.07.2026)		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:		3242		☒ Routine ☐ Rush		Due Date:		Parameters		BTEX 8021B		TPH 8015M (GRO + DRO + MRO)		Chloride 300.0		Hold		None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
Project Location		Lea County, New Mexico		Normal															
Sampler's Name:		JDC																	
PO #:																			
SAMPLE RECEIPT				Temp Blank:		Yes ☒ No ☐		Wet Ice:		Yes ☐ No ☒									
Received Intact:				Yes ☒ No ☐		Thermometer ID:													
Cooler Custody Seals:				Yes ☐ No ☒		Correction Factor:													
Sample Custody Seals:				Yes ☐ No ☒		Temperature Reading:													
Total Containers:						Corrected Temperature:													
Sample Identification				Date		Time		Soil.		Water		Grab/Comp		# of Cont					
H-1 (0-0.5')				4/14/2026		10:35		X				G		1		X			
H-2 (0-0.5')				4/14/2026		10:41		X				G		1		X			
H-3 (0-0.5')				4/14/2026		10:47		X				G		1		X			
H-4 (0-0.5')				4/14/2026		10:51		X				G		1		X			
H-5 (0-0.5')				4/14/2026		10:58		X				G		1		X			
H-6 (0-0.5')				4/14/2026		11:04		X				G		1		X			
H-7 (0-0.5')				4/14/2026		11:09		X				G		1		X			
H-8 (0-0.5')				4/14/2026		11:16		X				G		1		X			
H-9 (0-0.5')				4/14/2026		11:21		X				G		1		X			
H-10 (0-0.5')				4/14/2026		11:26		X				G		1		X			

Comments:

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

4/24/2026

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9776-1

SDG Number: Lea County New Mexico

Login Number: 9776

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9776-1

SDG Number: Lea County New Mexico

Login Number: 9776

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 04/15/26 08:39 AM

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 5/18/2026 1:53:36 PM

JOB DESCRIPTION

Cotton Draw Section 4 SAT (04.07.2026
Lea County New Mexico

JOB NUMBER

890-9933-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



Eurofins Carlsbad

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
5/18/2026 1:53:36 PM

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

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Laboratory Job ID: 890-9933-1
SDG: Lea County New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	17
QC Sample Results	19
QC Association Summary	28
Lab Chronicle	33
Certification Summary	38
Method Summary	39
Sample Summary	40
Chain of Custody	41
Receipt Checklists	43

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1

Job ID: 890-9933-1

Eurofins Carlsbad

Job Narrative 890-9933-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 5/14/2026 4:02 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW-1 (1.5-2.0) (890-9933-1), SW-2 (2.0) (890-9933-2), SW-3 (2.0) (890-9933-3), SW-4 (2.0) (890-9933-4), SW-5 (2.0) (890-9933-5), SW-6 (2.0) (890-9933-6), SW-7 (2.0) (890-9933-7), SW-8 (1.5-2.0) (890-9933-8), SW-9 (2.0) (890-9933-9), SW-10 (2.0) (890-9933-10), SW-11 (2.0) (890-9933-11), SW-12 (2.0) (890-9933-12), SW-13 (2.0) (890-9933-13) and SW-14 (2.0) (890-9933-14).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-141031 and analytical batch 880-141026 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.

Diesel Range Organics

Method 8015B NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-140907 and analytical batch 880-140935 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 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-140907/2-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (890-9933-A-4-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: SW-5 (2.0) (890-9933-5), SW-6 (2.0) (890-9933-6), SW-7 (2.0) (890-9933-7), SW-8 (1.5-2.0) (890-9933-8), SW-9 (2.0) (890-9933-9), SW-10 (2.0) (890-9933-10), SW-11 (2.0) (890-9933-11), SW-12 (2.0) (890-9933-12) and SW-14 (2.0) (890-9933-14). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Client Sample ID: SW-1 (1.5-2.0)

Lab Sample ID: 890-9933-1

Date Collected: 05/14/26 10:16

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/15/26 14:22	05/16/26 04:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/16/26 04:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/16/26 04:39	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/15/26 14:22	05/16/26 04:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/16/26 04:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/15/26 14:22	05/16/26 04:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	05/15/26 14:22	05/16/26 04:39	1
1,4-Difluorobenzene (Surr)	107		70 - 130	05/15/26 14:22	05/16/26 04:39	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			05/16/26 04:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/15/26 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	<50.0	U	50.0		mg/Kg		05/14/26 17:03	05/15/26 15:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/26 17:03	05/15/26 15:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/26 17:03	05/15/26 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	05/14/26 17:03	05/15/26 15:06	1
o-Terphenyl (Surr)	95		70 - 130	05/14/26 17:03	05/15/26 15:06	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			05/15/26 19:30	1

Client Sample ID: SW-2 (2.0)

Lab Sample ID: 890-9933-2

Date Collected: 05/14/26 10:20

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/15/26 14:22	05/16/26 04:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/15/26 14:22	05/16/26 04:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/15/26 14:22	05/16/26 04:59	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/15/26 14:22	05/16/26 04:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/15/26 14:22	05/16/26 04:59	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/15/26 14:22	05/16/26 04:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	05/15/26 14:22	05/16/26 04:59	1
1,4-Difluorobenzene (Surr)	86		70 - 130	05/15/26 14:22	05/16/26 04:59	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Client Sample ID: SW-2 (2.0)

Lab Sample ID: 890-9933-2

Date Collected: 05/14/26 10:20

Matrix: Solid

Date Received: 05/14/26 16:02

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			05/16/26 04:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/15/26 15:21	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		05/14/26 17:03	05/15/26 15:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/14/26 17:03	05/15/26 15:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/14/26 17:03	05/15/26 15:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				05/14/26 17:03	05/15/26 15:21	1
o-Terphenyl (Surr)	97		70 - 130				05/14/26 17:03	05/15/26 15:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/15/26 19:35	1

Client Sample ID: SW-3 (2.0)

Lab Sample ID: 890-9933-3

Date Collected: 05/14/26 10:24

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/15/26 14:22	05/16/26 05:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/15/26 14:22	05/16/26 05:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/15/26 14:22	05/16/26 05:20	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/15/26 14:22	05/16/26 05:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/15/26 14:22	05/16/26 05:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/15/26 14:22	05/16/26 05:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				05/15/26 14:22	05/16/26 05:20	1
1,4-Difluorobenzene (Surr)	102		70 - 130				05/15/26 14:22	05/16/26 05:20	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			05/16/26 05:20	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			05/15/26 15:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/26 17:03	05/15/26 15:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/26 17:03	05/15/26 15:36	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Client Sample ID: SW-3 (2.0)

Lab Sample ID: 890-9933-3

Date Collected: 05/14/26 10:24

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/14/26 17:03	05/15/26 15:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				05/14/26 17:03	05/15/26 15:36	1
o-Terphenyl (Surr)	93		70 - 130				05/14/26 17:03	05/15/26 15:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/15/26 19:40	1

Client Sample ID: SW-4 (2.0)

Lab Sample ID: 890-9933-4

Date Collected: 05/14/26 10:28

Matrix: Solid

Date Received: 05/14/26 16:02

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00300		0.00202		mg/Kg		05/15/26 14:22	05/16/26 05:40	1
Toluene	0.00229		0.00202		mg/Kg		05/15/26 14:22	05/16/26 05:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/15/26 14:22	05/16/26 05:40	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/15/26 14:22	05/16/26 05:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/15/26 14:22	05/16/26 05:40	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/15/26 14:22	05/16/26 05:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				05/15/26 14:22	05/16/26 05:40	1
1,4-Difluorobenzene (Surr)	93		70 - 130				05/15/26 14:22	05/16/26 05:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00529		0.00404		mg/Kg			05/16/26 05:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			05/15/26 17:46	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	<49.6	U	49.6		mg/Kg		05/14/26 17:28	05/15/26 17:46	1
Diesel Range Organics (Over C10-C28)	<49.6	U F1	49.6		mg/Kg		05/14/26 17:28	05/15/26 17:46	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		05/14/26 17:28	05/15/26 17:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				05/14/26 17:28	05/15/26 17:46	1
o-Terphenyl (Surr)	76		70 - 130				05/14/26 17:28	05/15/26 17:46	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			05/15/26 19:45	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Client Sample ID: SW-5 (2.0)

Lab Sample ID: 890-9933-5

Date Collected: 05/14/26 10:32

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/15/26 14:22	05/16/26 06:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/16/26 06:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/16/26 06:01	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/15/26 14:22	05/16/26 06:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/16/26 06:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/15/26 14:22	05/16/26 06:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	05/15/26 14:22	05/16/26 06:01	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/15/26 14:22	05/16/26 06:01	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			05/16/26 06:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/15/26 18:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/26 17:28	05/15/26 18:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/26 17:28	05/15/26 18:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/26 17:28	05/15/26 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130	05/14/26 17:28	05/15/26 18:33	1
o-Terphenyl (Surr)	63	S1-	70 - 130	05/14/26 17:28	05/15/26 18:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/15/26 19:50	1

Client Sample ID: SW-6 (2.0)

Lab Sample ID: 890-9933-6

Date Collected: 05/14/26 10:36

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/15/26 14:22	05/16/26 06:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/16/26 06:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/16/26 06:22	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/15/26 14:22	05/16/26 06:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/16/26 06:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/15/26 14:22	05/16/26 06:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	05/15/26 14:22	05/16/26 06:22	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/15/26 14:22	05/16/26 06:22	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Client Sample ID: SW-6 (2.0)

Lab Sample ID: 890-9933-6

Date Collected: 05/14/26 10:36

Matrix: Solid

Date Received: 05/14/26 16:02

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			05/16/26 06:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/15/26 18:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 18:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 18:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 18:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				05/14/26 17:28	05/15/26 18:49	1
o-Terphenyl (Surr)	69	S1-	70 - 130				05/14/26 17:28	05/15/26 18:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.2		9.98		mg/Kg			05/15/26 20:06	1

Client Sample ID: SW-7 (2.0)

Lab Sample ID: 890-9933-7

Date Collected: 05/14/26 10:40

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/15/26 13:54	05/16/26 03:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/15/26 13:54	05/16/26 03:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/15/26 13:54	05/16/26 03:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/15/26 13:54	05/16/26 03:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/15/26 13:54	05/16/26 03:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/15/26 13:54	05/16/26 03:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				05/15/26 13:54	05/16/26 03:55	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/15/26 13:54	05/16/26 03:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/16/26 03:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/15/26 19:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/26 17:28	05/15/26 19:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/26 17:28	05/15/26 19:04	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Client Sample ID: SW-7 (2.0)

Lab Sample ID: 890-9933-7

Date Collected: 05/14/26 10:40

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/14/26 17:28	05/15/26 19:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				05/14/26 17:28	05/15/26 19:04	1
o-Terphenyl (Surr)	62	S1-	70 - 130				05/14/26 17:28	05/15/26 19:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.8		9.90		mg/Kg			05/15/26 20:11	1

Client Sample ID: SW-8 (1.5-2.0)

Lab Sample ID: 890-9933-8

Date Collected: 05/14/26 10:44

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/15/26 13:54	05/16/26 04:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/15/26 13:54	05/16/26 04:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/15/26 13:54	05/16/26 04:16	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/15/26 13:54	05/16/26 04:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/15/26 13:54	05/16/26 04:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/15/26 13:54	05/16/26 04:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				05/15/26 13:54	05/16/26 04:16	1
1,4-Difluorobenzene (Surr)	93		70 - 130				05/15/26 13:54	05/16/26 04:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/16/26 04:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/15/26 19:20	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	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 19:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 19:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 19:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130				05/14/26 17:28	05/15/26 19:20	1
o-Terphenyl (Surr)	60	S1-	70 - 130				05/14/26 17:28	05/15/26 19:20	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			05/15/26 20:26	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Client Sample ID: SW-9 (2.0)

Lab Sample ID: 890-9933-9

Date Collected: 05/14/26 10:48

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/15/26 13:54	05/16/26 04:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/26 13:54	05/16/26 04:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/26 13:54	05/16/26 04:36	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/15/26 13:54	05/16/26 04:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/26 13:54	05/16/26 04:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/15/26 13:54	05/16/26 04:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	05/15/26 13:54	05/16/26 04:36	1
1,4-Difluorobenzene (Surr)	101		70 - 130	05/15/26 13:54	05/16/26 04:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/16/26 04:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/15/26 19:35	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		05/14/26 17:28	05/15/26 19:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/26 17:28	05/15/26 19:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/26 17:28	05/15/26 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130	05/14/26 17:28	05/15/26 19:35	1
o-Terphenyl (Surr)	58	S1-	70 - 130	05/14/26 17:28	05/15/26 19:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.7		10.0		mg/Kg			05/15/26 20:31	1

Client Sample ID: SW-10 (2.0)

Lab Sample ID: 890-9933-10

Date Collected: 05/14/26 10:52

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/15/26 13:54	05/16/26 04:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/15/26 13:54	05/16/26 04:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/15/26 13:54	05/16/26 04:57	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/15/26 13:54	05/16/26 04:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/15/26 13:54	05/16/26 04:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/15/26 13:54	05/16/26 04:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	05/15/26 13:54	05/16/26 04:57	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/15/26 13:54	05/16/26 04:57	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Client Sample ID: SW-10 (2.0)

Lab Sample ID: 890-9933-10

Date Collected: 05/14/26 10:52

Matrix: Solid

Date Received: 05/14/26 16:02

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			05/16/26 04:57	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			05/15/26 19:51	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	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 19:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 19:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				05/14/26 17:28	05/15/26 19:51	1
o-Terphenyl (Surr)	69	S1-	70 - 130				05/14/26 17:28	05/15/26 19:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			05/15/26 20:37	1

Client Sample ID: SW-11 (2.0)

Lab Sample ID: 890-9933-11

Date Collected: 05/14/26 10:56

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/18/26 09:02	05/18/26 13:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/18/26 09:02	05/18/26 13:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/18/26 09:02	05/18/26 13:11	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/18/26 09:02	05/18/26 13:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/18/26 09:02	05/18/26 13:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/18/26 09:02	05/18/26 13:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				05/18/26 09:02	05/18/26 13:11	1
1,4-Difluorobenzene (Surr)	94		70 - 130				05/18/26 09:02	05/18/26 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/18/26 13:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/15/26 20:06	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		05/14/26 17:28	05/15/26 20:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/26 17:28	05/15/26 20:06	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Client Sample ID: SW-11 (2.0)

Lab Sample ID: 890-9933-11

Date Collected: 05/14/26 10:56

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/14/26 17:28	05/15/26 20:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130				05/14/26 17:28	05/15/26 20:06	1
o-Terphenyl (Surr)	58	S1-	70 - 130				05/14/26 17:28	05/15/26 20:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/15/26 20:42	1

Client Sample ID: SW-12 (2.0)

Lab Sample ID: 890-9933-12

Date Collected: 05/14/26 11:00

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/18/26 09:02	05/18/26 13:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 13:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 13:31	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		05/18/26 09:02	05/18/26 13:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 13:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/18/26 09:02	05/18/26 13:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				05/18/26 09:02	05/18/26 13:31	1
1,4-Difluorobenzene (Surr)	88		70 - 130				05/18/26 09:02	05/18/26 13:31	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			05/18/26 13:31	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			05/15/26 20:22	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		05/14/26 17:28	05/15/26 20:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 20:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 20:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130				05/14/26 17:28	05/15/26 20:22	1
o-Terphenyl (Surr)	62	S1-	70 - 130				05/14/26 17:28	05/15/26 20:22	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			05/15/26 20:47	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Client Sample ID: SW-13 (2.0)

Lab Sample ID: 890-9933-13

Date Collected: 05/14/26 11:07

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/18/26 09:02	05/18/26 13:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/18/26 09:02	05/18/26 13:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/18/26 09:02	05/18/26 13:52	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/18/26 09:02	05/18/26 13:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/18/26 09:02	05/18/26 13:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/18/26 09:02	05/18/26 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				05/18/26 09:02	05/18/26 13:52	1
1,4-Difluorobenzene (Surr)	96		70 - 130				05/18/26 09:02	05/18/26 13:52	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			05/18/26 13:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/15/26 20:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 20:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 20:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				05/14/26 17:28	05/15/26 20:37	1
o-Terphenyl (Surr)	75		70 - 130				05/14/26 17:28	05/15/26 20:37	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			05/15/26 20:52	1

Client Sample ID: SW-14 (2.0)

Lab Sample ID: 890-9933-14

Date Collected: 05/14/26 11:11

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/18/26 09:02	05/18/26 14:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 14:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 14:12	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/18/26 09:02	05/18/26 14:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 14:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/18/26 09:02	05/18/26 14:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				05/18/26 09:02	05/18/26 14:12	1
1,4-Difluorobenzene (Surr)	85		70 - 130				05/18/26 09:02	05/18/26 14:12	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Client Sample ID: SW-14 (2.0)

Lab Sample ID: 890-9933-14

Date Collected: 05/14/26 11:11

Matrix: Solid

Date Received: 05/14/26 16:02

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			05/18/26 14:12	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			05/15/26 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	<50.0	U	50.0		mg/Kg		05/14/26 17:28	05/15/26 21:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/26 17:28	05/15/26 21:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/26 17:28	05/15/26 21:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130	05/14/26 17:28	05/15/26 21:08	1
o-Terphenyl (Surr)	57	S1-	70 - 130	05/14/26 17:28	05/15/26 21:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.1		10.1		mg/Kg			05/15/26 20:57	1

Surrogate Summary

Client: Carmona Resources

Job ID: 890-9933-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-71106-A-17-C MB	Method Blank	98	84
880-71106-A-18-A MB	Method Blank	99	99
880-72335-A-1-E MS	Matrix Spike	103	99
880-72335-A-1-F MSD	Matrix Spike Duplicate	100	95
890-9933-1	SW-1 (1.5-2.0)	82	107
890-9933-2	SW-2 (2.0)	108	86
890-9933-3	SW-3 (2.0)	84	102
890-9933-4	SW-4 (2.0)	91	93
890-9933-5	SW-5 (2.0)	85	97
890-9933-6	SW-6 (2.0)	88	98
890-9933-7	SW-7 (2.0)	104	99
890-9933-8	SW-8 (1.5-2.0)	107	93
890-9933-9	SW-9 (2.0)	99	101
890-9933-10	SW-10 (2.0)	103	102
890-9933-11	SW-11 (2.0)	90	94
890-9933-12	SW-12 (2.0)	80	88
890-9933-13	SW-13 (2.0)	92	96
890-9933-14	SW-14 (2.0)	85	85
890-9934-A-1-D MS	Matrix Spike	89	102
890-9934-A-1-E MSD	Matrix Spike Duplicate	93	100
890-9940-A-1-F MS	Matrix Spike	85	97
890-9940-A-1-G MSD	Matrix Spike Duplicate	73	98
LCS 880-140982/1-A	Lab Control Sample	97	99
LCS 880-140989/1-A	Lab Control Sample	92	101
LCS 880-141031/1-A	Lab Control Sample	91	100
LCSD 880-140982/2-A	Lab Control Sample Dup	104	104
LCSD 880-140989/2-A	Lab Control Sample Dup	92	100
LCSD 880-141031/2-A	Lab Control Sample Dup	95	96
MB 880-140889/5-A	Method Blank	98	94
MB 880-140989/5-A	Method Blank	100	93
MB 880-141031/5-A	Method Blank	99	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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-72339-A-1-B MS	Matrix Spike	101	89
880-72339-A-1-C MSD	Matrix Spike Duplicate	102	90
890-9933-1	SW-1 (1.5-2.0)	100	95
890-9933-2	SW-2 (2.0)	101	97
890-9933-3	SW-3 (2.0)	98	93
890-9933-4	SW-4 (2.0)	100	76
890-9933-4 MS	SW-4 (2.0)	98	74
890-9933-4 MSD	SW-4 (2.0)	95	68 S1-

Eurofins Carlsbad

Surrogate Summary

Client: Carmona Resources

Job ID: 890-9933-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9933-5	SW-5 (2.0)	98	63 S1-
890-9933-6	SW-6 (2.0)	101	69 S1-
890-9933-7	SW-7 (2.0)	98	62 S1-
890-9933-8	SW-8 (1.5-2.0)	93	60 S1-
890-9933-9	SW-9 (2.0)	96	58 S1-
890-9933-10	SW-10 (2.0)	102	69 S1-
890-9933-11	SW-11 (2.0)	94	58 S1-
890-9933-12	SW-12 (2.0)	97	62 S1-
890-9933-13	SW-13 (2.0)	107	75
890-9933-14	SW-14 (2.0)	95	57 S1-
LCS 880-140904/2-A	Lab Control Sample	86	76
LCS 880-140907/2-A	Lab Control Sample	89	65 S1-
LCSD 880-140904/3-A	Lab Control Sample Dup	94	83
LCSD 880-140907/3-A	Lab Control Sample Dup	90	74
MB 880-140904/1-A	Method Blank	87	86
MB 880-140907/1-A	Method Blank	101	72
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources

Job ID: 890-9933-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: 880-71106-A-18-A MB

Matrix: Solid

Analysis Batch: 140922

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140885

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:24	05/15/26 16:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:24	05/15/26 16:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:24	05/15/26 16:46	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/14/26 16:24	05/15/26 16:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:24	05/15/26 16:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/14/26 16:24	05/15/26 16:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	05/14/26 16:24	05/15/26 16:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/14/26 16:24	05/15/26 16:46	1

Lab Sample ID: MB 880-140889/5-A

Matrix: Solid

Analysis Batch: 140865

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:25	05/15/26 11:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:25	05/15/26 11:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:25	05/15/26 11:18	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/14/26 16:25	05/15/26 11:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:25	05/15/26 11:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/14/26 16:25	05/15/26 11:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	05/14/26 16:25	05/15/26 11:18	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/14/26 16:25	05/15/26 11:18	1

Lab Sample ID: 880-71106-A-17-C MB

Matrix: Solid

Analysis Batch: 140922

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140982

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/26 13:54	05/16/26 02:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/26 13:54	05/16/26 02:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/26 13:54	05/16/26 02:52	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/15/26 13:54	05/16/26 02:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/26 13:54	05/16/26 02:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/15/26 13:54	05/16/26 02:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	05/15/26 13:54	05/16/26 02:52	1
1,4-Difluorobenzene (Surr)	84		70 - 130	05/15/26 13:54	05/16/26 02:52	1

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-140982/1-A

Matrix: Solid

Analysis Batch: 140922

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 140982

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1106		mg/Kg		111	70 - 130
Toluene	0.100	0.1149		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1058		mg/Kg		106	70 - 130
m,p-Xylenes	0.200	0.2208		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1080		mg/Kg		108	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 880-140982/2-A

Matrix: Solid

Analysis Batch: 140922

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 140982

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1027		mg/Kg		103	70 - 130	7	35
Toluene	0.100	0.1045		mg/Kg		105	70 - 130	9	35
Ethylbenzene	0.100	0.09845		mg/Kg		98	70 - 130	7	35
m,p-Xylenes	0.200	0.2012		mg/Kg		101	70 - 130	9	35
o-Xylene	0.100	0.1011		mg/Kg		101	70 - 130	7	35

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

Lab Sample ID: 880-72335-A-1-E MS

Matrix: Solid

Analysis Batch: 140922

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 140982

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09339		mg/Kg		93	70 - 130
Toluene	<0.00200	U	0.100	0.09417		mg/Kg		94	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09051		mg/Kg		91	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1796		mg/Kg		90	70 - 130
o-Xylene	<0.00200	U	0.100	0.09037		mg/Kg		90	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-72335-A-1-F MSD

Matrix: Solid

Analysis Batch: 140922

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 140982

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	0.09494		mg/Kg		95	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.09638		mg/Kg		96	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.09065		mg/Kg		91	70 - 130	0	35

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources

Job ID: 890-9933-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Lab Sample ID: 880-72335-A-1-F MSD

Matrix: Solid

Analysis Batch: 140922

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 140982

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00399	U	0.200	0.1816		mg/Kg		91	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09278		mg/Kg		93	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-140989/5-A

Matrix: Solid

Analysis Batch: 140865

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140989

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/15/26 22:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/15/26 22:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/15/26 22:17	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/15/26 14:22	05/15/26 22:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/15/26 22:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/15/26 14:22	05/15/26 22:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	05/15/26 14:22	05/15/26 22:17	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/15/26 14:22	05/15/26 22:17	1

Lab Sample ID: LCS 880-140989/1-A

Matrix: Solid

Analysis Batch: 140865

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 140989

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08871		mg/Kg		89	70 - 130
Toluene	0.100	0.08894		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09167		mg/Kg		92	70 - 130
m,p-Xylenes	0.200	0.1830		mg/Kg		92	70 - 130
o-Xylene	0.100	0.09060		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-140989/2-A

Matrix: Solid

Analysis Batch: 140865

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 140989

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08800		mg/Kg		88	70 - 130	1	35
Toluene	0.100	0.08674		mg/Kg		87	70 - 130	3	35
Ethylbenzene	0.100	0.08797		mg/Kg		88	70 - 130	4	35
m,p-Xylenes	0.200	0.1722		mg/Kg		86	70 - 130	6	35
o-Xylene	0.100	0.08536		mg/Kg		85	70 - 130	6	35

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources

Job ID: 890-9933-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea 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: 890-9934-A-1-D MS

Matrix: Solid

Analysis Batch: 140865

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 140989

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08837		mg/Kg		88	70 - 130
Toluene	<0.00200	U	0.100	0.08722		mg/Kg		87	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09214		mg/Kg		92	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1803		mg/Kg		90	70 - 130
o-Xylene	<0.00200	U	0.100	0.08915		mg/Kg		89	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-9934-A-1-E MSD

Matrix: Solid

Analysis Batch: 140865

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 140989

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	0.08407		mg/Kg		84	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.08473		mg/Kg		85	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.08896		mg/Kg		89	70 - 130	4	35
m,p-Xylenes	<0.00399	U	0.200	0.1756		mg/Kg		88	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.08674		mg/Kg		87	70 - 130	3	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-141031/5-A

Matrix: Solid

Analysis Batch: 141026

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 141031

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 11:47	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/18/26 09:02	05/18/26 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 11:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/18/26 09:02	05/18/26 11:47	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	99		70 - 130	05/18/26 09:02	05/18/26 11:47	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	05/18/26 09:02	05/18/26 11:47	1			

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources

Job ID: 890-9933-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-141031/1-A

Matrix: Solid

Analysis Batch: 141026

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 141031

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08794		mg/Kg		88	70 - 130
Toluene	0.100	0.09046		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09538		mg/Kg		95	70 - 130
m,p-Xylenes	0.200	0.1869		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09198		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-141031/2-A

Matrix: Solid

Analysis Batch: 141026

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 141031

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08495		mg/Kg		85	70 - 130	3	35
Toluene	0.100	0.08807		mg/Kg		88	70 - 130	3	35
Ethylbenzene	0.100	0.09374		mg/Kg		94	70 - 130	2	35
m,p-Xylenes	0.200	0.1868		mg/Kg		93	70 - 130	0	35
o-Xylene	0.100	0.09181		mg/Kg		92	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-9940-A-1-F MS

Matrix: Solid

Analysis Batch: 141026

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 141031

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07320		mg/Kg		73	70 - 130
Toluene	<0.00200	U	0.100	0.07181		mg/Kg		72	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07512		mg/Kg		75	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.1304	F1	mg/Kg		65	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06339	F1	mg/Kg		63	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-9940-A-1-G MSD

Matrix: Solid

Analysis Batch: 141026

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 141031

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	0.08443		mg/Kg		84	70 - 130	14	35
Toluene	<0.00200	U	0.100	0.07905		mg/Kg		79	70 - 130	10	35
Ethylbenzene	<0.00200	U	0.100	0.07755		mg/Kg		78	70 - 130	3	35

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources

Job ID: 890-9933-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Lab Sample ID: 890-9940-A-1-G MSD

Matrix: Solid

Analysis Batch: 141026

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 141031

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00399	U F1	0.200	0.1303	F1	mg/Kg		65	70 - 130	0	35
o-Xylene	<0.00200	U F1	0.100	0.06275	F1	mg/Kg		63	70 - 130	1	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	73		70 - 130								
1,4-Difluorobenzene (Surr)	98		70 - 130								

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

Lab Sample ID: MB 880-140904/1-A

Matrix: Solid

Analysis Batch: 140942

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140904

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		05/14/26 17:03	05/15/26 08:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/26 17:03	05/15/26 08:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/26 17:03	05/15/26 08:34	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				05/14/26 17:03	05/15/26 08:34	1
o-Terphenyl (Surr)	86		70 - 130				05/14/26 17:03	05/15/26 08:34	1

Lab Sample ID: LCS 880-140904/2-A

Matrix: Solid

Analysis Batch: 140942

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 140904

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	926.3		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	955.5		mg/Kg		96	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane (Surr)	86		70 - 130						
o-Terphenyl (Surr)	76		70 - 130						

Lab Sample ID: LCSD 880-140904/3-A

Matrix: Solid

Analysis Batch: 140942

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 140904

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1020		mg/Kg		102	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	1000	1061		mg/Kg		106	70 - 130	10	20

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-140904/3-A

Matrix: Solid

Analysis Batch: 140942

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 140904

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	83		70 - 130

Lab Sample ID: 880-72339-A-1-B MS

Matrix: Solid

Analysis Batch: 140942

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 140904

	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	995	909.2		mg/Kg		91	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	995	923.8		mg/Kg		93	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	101		70 - 130							
o-Terphenyl (Surr)	89		70 - 130							

Lab Sample ID: 880-72339-A-1-C MSD

Matrix: Solid

Analysis Batch: 140942

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 140904

	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	995	910.7		mg/Kg		92	70 - 130	0	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	995	924.0		mg/Kg		93	70 - 130	0	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane (Surr)	102		70 - 130									
o-Terphenyl (Surr)	90		70 - 130									

Lab Sample ID: MB 880-140907/1-A

Matrix: Solid

Analysis Batch: 140935

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140907

	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		05/14/26 17:27	05/15/26 16:58	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/26 17:27	05/15/26 16:58	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/26 17:27	05/15/26 16:58	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane (Surr)	101		70 - 130				05/14/26 17:27	05/15/26 16:58	1		
o-Terphenyl (Surr)	72		70 - 130				05/14/26 17:27	05/15/26 16:58	1		

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources

Job ID: 890-9933-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-140907/2-A

Matrix: Solid

Analysis Batch: 140935

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 140907

Analyte			Spike	LCS	LCS			%Rec		
			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	1180		mg/Kg		118	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	850.7		mg/Kg		85	70 - 130	
		LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	89		70 - 130							
o-Terphenyl (Surr)	65	S1-	70 - 130							

Lab Sample ID: LCSD 880-140907/3-A

Matrix: Solid

Analysis Batch: 140935

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 140907

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier			Limits	Limit		
Gasoline Range Organics (GRO)-C6-C10			1000	1192		mg/Kg		119	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	973.2		mg/Kg		97	70 - 130	13	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane (Surr)	90		70 - 130								
o-Terphenyl (Surr)	74		70 - 130								

Lab Sample ID: 890-9933-4 MS

Matrix: Solid

Analysis Batch: 140935

Client Sample ID: SW-4 (2.0)

Prep Type: Total/NA

Prep Batch: 140907

	Sample	Sample	Spike	MS	MS			%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	999	920.9		mg/Kg		91	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.6	U F1	999	734.3		mg/Kg		74	70 - 130	

Lab Sample ID: 890-9933-4 MSD

Matrix: Solid

Analysis Batch: 140935

Client Sample ID: SW-4 (2.0)

Prep Type: Total/NA

Prep Batch: 140907

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	999	926.7		mg/Kg		91	70 - 130	20
Diesel Range Organics (Over C10-C28)	<49.6	U F1	999	685.6	F1	mg/Kg		69	70 - 130	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits							
1-Chlorooctane (Surr)	95		70 - 130							

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9933-4 MSD

Matrix: Solid

Analysis Batch: 140935

Client Sample ID: SW-4 (2.0)

Prep Type: Total/NA

Prep Batch: 140907

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	68	S1-	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-140954/1-A

Matrix: Solid

Analysis Batch: 140963

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			05/15/26 18:23	1	

Lab Sample ID: LCS 880-140954/2-A

Matrix: Solid

Analysis Batch: 140963

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte		Spike	LCS	LCS				%Rec		
		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride		250	250.3		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-140954/3-A

Matrix: Solid

Analysis Batch: 140963

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	249.2		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 890-9933-5 MS

Matrix: Solid

Analysis Batch: 140963

Client Sample ID: SW-5 (2.0)

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS			%Rec		
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	<10.0	U	251	269.4		mg/Kg		104	90 - 110	

Lab Sample ID: 890-9933-5 MSD

Matrix: Solid

Analysis Batch: 140963

Client Sample ID: SW-5 (2.0)

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MSD	MSD			%Rec		RPD
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	Limit
Chloride	<10.0	U	251	267.5		mg/Kg		103	90 - 110	1 20

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 140865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9933-1	SW-1 (1.5-2.0)	Total/NA	Solid	8021B	140989
890-9933-2	SW-2 (2.0)	Total/NA	Solid	8021B	140989
890-9933-3	SW-3 (2.0)	Total/NA	Solid	8021B	140989
890-9933-4	SW-4 (2.0)	Total/NA	Solid	8021B	140989
890-9933-5	SW-5 (2.0)	Total/NA	Solid	8021B	140989
890-9933-6	SW-6 (2.0)	Total/NA	Solid	8021B	140989
MB 880-140889/5-A	Method Blank	Total/NA	Solid	8021B	140889
MB 880-140989/5-A	Method Blank	Total/NA	Solid	8021B	140989
LCS 880-140989/1-A	Lab Control Sample	Total/NA	Solid	8021B	140989
LCSD 880-140989/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	140989
890-9934-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	140989
890-9934-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	140989

Prep Batch: 140885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71106-A-18-A MB	Method Blank	Total/NA	Solid	5035	

Prep Batch: 140889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-140889/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 140922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9933-7	SW-7 (2.0)	Total/NA	Solid	8021B	140982
890-9933-8	SW-8 (1.5-2.0)	Total/NA	Solid	8021B	140982
890-9933-9	SW-9 (2.0)	Total/NA	Solid	8021B	140982
890-9933-10	SW-10 (2.0)	Total/NA	Solid	8021B	140982
880-71106-A-17-C MB	Method Blank	Total/NA	Solid	8021B	140982
880-71106-A-18-A MB	Method Blank	Total/NA	Solid	8021B	140885
LCS 880-140982/1-A	Lab Control Sample	Total/NA	Solid	8021B	140982
LCSD 880-140982/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	140982
880-72335-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	140982
880-72335-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	140982

Prep Batch: 140982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9933-7	SW-7 (2.0)	Total/NA	Solid	5035	
890-9933-8	SW-8 (1.5-2.0)	Total/NA	Solid	5035	
890-9933-9	SW-9 (2.0)	Total/NA	Solid	5035	
890-9933-10	SW-10 (2.0)	Total/NA	Solid	5035	
880-71106-A-17-C MB	Method Blank	Total/NA	Solid	5035	
LCS 880-140982/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-140982/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-72335-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-72335-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 140989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9933-1	SW-1 (1.5-2.0)	Total/NA	Solid	5035	
890-9933-2	SW-2 (2.0)	Total/NA	Solid	5035	
890-9933-3	SW-3 (2.0)	Total/NA	Solid	5035	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 140989 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9933-4	SW-4 (2.0)	Total/NA	Solid	5035	
890-9933-5	SW-5 (2.0)	Total/NA	Solid	5035	
890-9933-6	SW-6 (2.0)	Total/NA	Solid	5035	
MB 880-140989/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-140989/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-140989/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9934-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-9934-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 141026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9933-11	SW-11 (2.0)	Total/NA	Solid	8021B	141031
890-9933-12	SW-12 (2.0)	Total/NA	Solid	8021B	141031
890-9933-13	SW-13 (2.0)	Total/NA	Solid	8021B	141031
890-9933-14	SW-14 (2.0)	Total/NA	Solid	8021B	141031
MB 880-141031/5-A	Method Blank	Total/NA	Solid	8021B	141031
LCS 880-141031/1-A	Lab Control Sample	Total/NA	Solid	8021B	141031
LCSD 880-141031/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	141031
890-9940-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	141031
890-9940-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	141031

Prep Batch: 141031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9933-11	SW-11 (2.0)	Total/NA	Solid	5035	
890-9933-12	SW-12 (2.0)	Total/NA	Solid	5035	
890-9933-13	SW-13 (2.0)	Total/NA	Solid	5035	
890-9933-14	SW-14 (2.0)	Total/NA	Solid	5035	
MB 880-141031/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-141031/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-141031/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9940-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
890-9940-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 141050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9933-1	SW-1 (1.5-2.0)	Total/NA	Solid	Total BTEX	
890-9933-2	SW-2 (2.0)	Total/NA	Solid	Total BTEX	
890-9933-3	SW-3 (2.0)	Total/NA	Solid	Total BTEX	
890-9933-4	SW-4 (2.0)	Total/NA	Solid	Total BTEX	
890-9933-5	SW-5 (2.0)	Total/NA	Solid	Total BTEX	
890-9933-6	SW-6 (2.0)	Total/NA	Solid	Total BTEX	
890-9933-7	SW-7 (2.0)	Total/NA	Solid	Total BTEX	
890-9933-8	SW-8 (1.5-2.0)	Total/NA	Solid	Total BTEX	
890-9933-9	SW-9 (2.0)	Total/NA	Solid	Total BTEX	
890-9933-10	SW-10 (2.0)	Total/NA	Solid	Total BTEX	
890-9933-11	SW-11 (2.0)	Total/NA	Solid	Total BTEX	
890-9933-12	SW-12 (2.0)	Total/NA	Solid	Total BTEX	
890-9933-13	SW-13 (2.0)	Total/NA	Solid	Total BTEX	
890-9933-14	SW-14 (2.0)	Total/NA	Solid	Total BTEX	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

GC Semi VOA

Prep Batch: 140904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9933-1	SW-1 (1.5-2.0)	Total/NA	Solid	8015NM Prep	
890-9933-2	SW-2 (2.0)	Total/NA	Solid	8015NM Prep	
890-9933-3	SW-3 (2.0)	Total/NA	Solid	8015NM Prep	
MB 880-140904/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-140904/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-140904/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-72339-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-72339-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 140907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9933-4	SW-4 (2.0)	Total/NA	Solid	8015NM Prep	
890-9933-5	SW-5 (2.0)	Total/NA	Solid	8015NM Prep	
890-9933-6	SW-6 (2.0)	Total/NA	Solid	8015NM Prep	
890-9933-7	SW-7 (2.0)	Total/NA	Solid	8015NM Prep	
890-9933-8	SW-8 (1.5-2.0)	Total/NA	Solid	8015NM Prep	
890-9933-9	SW-9 (2.0)	Total/NA	Solid	8015NM Prep	
890-9933-10	SW-10 (2.0)	Total/NA	Solid	8015NM Prep	
890-9933-11	SW-11 (2.0)	Total/NA	Solid	8015NM Prep	
890-9933-12	SW-12 (2.0)	Total/NA	Solid	8015NM Prep	
890-9933-13	SW-13 (2.0)	Total/NA	Solid	8015NM Prep	
890-9933-14	SW-14 (2.0)	Total/NA	Solid	8015NM Prep	
MB 880-140907/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-140907/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-140907/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9933-4 MS	SW-4 (2.0)	Total/NA	Solid	8015NM Prep	
890-9933-4 MSD	SW-4 (2.0)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 140935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9933-4	SW-4 (2.0)	Total/NA	Solid	8015B NM	140907
890-9933-5	SW-5 (2.0)	Total/NA	Solid	8015B NM	140907
890-9933-6	SW-6 (2.0)	Total/NA	Solid	8015B NM	140907
890-9933-7	SW-7 (2.0)	Total/NA	Solid	8015B NM	140907
890-9933-8	SW-8 (1.5-2.0)	Total/NA	Solid	8015B NM	140907
890-9933-9	SW-9 (2.0)	Total/NA	Solid	8015B NM	140907
890-9933-10	SW-10 (2.0)	Total/NA	Solid	8015B NM	140907
890-9933-11	SW-11 (2.0)	Total/NA	Solid	8015B NM	140907
890-9933-12	SW-12 (2.0)	Total/NA	Solid	8015B NM	140907
890-9933-13	SW-13 (2.0)	Total/NA	Solid	8015B NM	140907
890-9933-14	SW-14 (2.0)	Total/NA	Solid	8015B NM	140907
MB 880-140907/1-A	Method Blank	Total/NA	Solid	8015B NM	140907
LCS 880-140907/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	140907
LCSD 880-140907/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	140907
890-9933-4 MS	SW-4 (2.0)	Total/NA	Solid	8015B NM	140907
890-9933-4 MSD	SW-4 (2.0)	Total/NA	Solid	8015B NM	140907

Analysis Batch: 140942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9933-1	SW-1 (1.5-2.0)	Total/NA	Solid	8015B NM	140904
890-9933-2	SW-2 (2.0)	Total/NA	Solid	8015B NM	140904

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 140942 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9933-3	SW-3 (2.0)	Total/NA	Solid	8015B NM	140904
MB 880-140904/1-A	Method Blank	Total/NA	Solid	8015B NM	140904
LCS 880-140904/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	140904
LCSD 880-140904/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	140904
880-72339-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	140904
880-72339-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	140904

Analysis Batch: 141012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9933-1	SW-1 (1.5-2.0)	Total/NA	Solid	8015 NM	
890-9933-2	SW-2 (2.0)	Total/NA	Solid	8015 NM	
890-9933-3	SW-3 (2.0)	Total/NA	Solid	8015 NM	
890-9933-4	SW-4 (2.0)	Total/NA	Solid	8015 NM	
890-9933-5	SW-5 (2.0)	Total/NA	Solid	8015 NM	
890-9933-6	SW-6 (2.0)	Total/NA	Solid	8015 NM	
890-9933-7	SW-7 (2.0)	Total/NA	Solid	8015 NM	
890-9933-8	SW-8 (1.5-2.0)	Total/NA	Solid	8015 NM	
890-9933-9	SW-9 (2.0)	Total/NA	Solid	8015 NM	
890-9933-10	SW-10 (2.0)	Total/NA	Solid	8015 NM	
890-9933-11	SW-11 (2.0)	Total/NA	Solid	8015 NM	
890-9933-12	SW-12 (2.0)	Total/NA	Solid	8015 NM	
890-9933-13	SW-13 (2.0)	Total/NA	Solid	8015 NM	
890-9933-14	SW-14 (2.0)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 140954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9933-1	SW-1 (1.5-2.0)	Soluble	Solid	DI Leach	
890-9933-2	SW-2 (2.0)	Soluble	Solid	DI Leach	
890-9933-3	SW-3 (2.0)	Soluble	Solid	DI Leach	
890-9933-4	SW-4 (2.0)	Soluble	Solid	DI Leach	
890-9933-5	SW-5 (2.0)	Soluble	Solid	DI Leach	
890-9933-6	SW-6 (2.0)	Soluble	Solid	DI Leach	
890-9933-7	SW-7 (2.0)	Soluble	Solid	DI Leach	
890-9933-8	SW-8 (1.5-2.0)	Soluble	Solid	DI Leach	
890-9933-9	SW-9 (2.0)	Soluble	Solid	DI Leach	
890-9933-10	SW-10 (2.0)	Soluble	Solid	DI Leach	
890-9933-11	SW-11 (2.0)	Soluble	Solid	DI Leach	
890-9933-12	SW-12 (2.0)	Soluble	Solid	DI Leach	
890-9933-13	SW-13 (2.0)	Soluble	Solid	DI Leach	
890-9933-14	SW-14 (2.0)	Soluble	Solid	DI Leach	
MB 880-140954/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-140954/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-140954/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9933-5 MS	SW-5 (2.0)	Soluble	Solid	DI Leach	
890-9933-5 MSD	SW-5 (2.0)	Soluble	Solid	DI Leach	

Analysis Batch: 140963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9933-1	SW-1 (1.5-2.0)	Soluble	Solid	300.0	140954

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 140963 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9933-2	SW-2 (2.0)	Soluble	Solid	300.0	140954
890-9933-3	SW-3 (2.0)	Soluble	Solid	300.0	140954
890-9933-4	SW-4 (2.0)	Soluble	Solid	300.0	140954
890-9933-5	SW-5 (2.0)	Soluble	Solid	300.0	140954
890-9933-6	SW-6 (2.0)	Soluble	Solid	300.0	140954
890-9933-7	SW-7 (2.0)	Soluble	Solid	300.0	140954
890-9933-8	SW-8 (1.5-2.0)	Soluble	Solid	300.0	140954
890-9933-9	SW-9 (2.0)	Soluble	Solid	300.0	140954
890-9933-10	SW-10 (2.0)	Soluble	Solid	300.0	140954
890-9933-11	SW-11 (2.0)	Soluble	Solid	300.0	140954
890-9933-12	SW-12 (2.0)	Soluble	Solid	300.0	140954
890-9933-13	SW-13 (2.0)	Soluble	Solid	300.0	140954
890-9933-14	SW-14 (2.0)	Soluble	Solid	300.0	140954
MB 880-140954/1-A	Method Blank	Soluble	Solid	300.0	140954
LCS 880-140954/2-A	Lab Control Sample	Soluble	Solid	300.0	140954
LCSD 880-140954/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	140954
890-9933-5 MS	SW-5 (2.0)	Soluble	Solid	300.0	140954
890-9933-5 MSD	SW-5 (2.0)	Soluble	Solid	300.0	140954

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Client Sample ID: SW-1 (1.5-2.0)

Lab Sample ID: 890-9933-1

Date Collected: 05/14/26 10:16

Matrix: Solid

Date Received: 05/14/26 16:02

Prep 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	140989	05/15/26 14:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140865	05/16/26 04:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141050	05/16/26 04:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			141012	05/15/26 15:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	140904	05/14/26 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140942	05/15/26 15:06	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	140954	05/15/26 10:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140963	05/15/26 19:30	CS	EET MID

Client Sample ID: SW-2 (2.0)

Lab Sample ID: 890-9933-2

Date Collected: 05/14/26 10:20

Matrix: Solid

Date Received: 05/14/26 16:02

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	140989	05/15/26 14:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140865	05/16/26 04:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141050	05/16/26 04:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			141012	05/15/26 15:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	140904	05/14/26 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140942	05/15/26 15:21	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	140954	05/15/26 10:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140963	05/15/26 19:35	CS	EET MID

Client Sample ID: SW-3 (2.0)

Lab Sample ID: 890-9933-3

Date Collected: 05/14/26 10:24

Matrix: Solid

Date Received: 05/14/26 16:02

Prep 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	140989	05/15/26 14:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140865	05/16/26 05:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141050	05/16/26 05:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			141012	05/15/26 15:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	140904	05/14/26 17:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140942	05/15/26 15:36	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	140954	05/15/26 10:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140963	05/15/26 19:40	CS	EET MID

Client Sample ID: SW-4 (2.0)

Lab Sample ID: 890-9933-4

Date Collected: 05/14/26 10:28

Matrix: Solid

Date Received: 05/14/26 16:02

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	140989	05/15/26 14:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140865	05/16/26 05:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141050	05/16/26 05:40	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Client Sample ID: SW-4 (2.0)

Lab Sample ID: 890-9933-4

Date Collected: 05/14/26 10:28

Matrix: Solid

Date Received: 05/14/26 16:02

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			141012	05/15/26 17:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 17:46	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	140954	05/15/26 10:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140963	05/15/26 19:45	CS	EET MID

Client Sample ID: SW-5 (2.0)

Lab Sample ID: 890-9933-5

Date Collected: 05/14/26 10:32

Matrix: Solid

Date Received: 05/14/26 16:02

Prep 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	140989	05/15/26 14:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140865	05/16/26 06:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141050	05/16/26 06:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			141012	05/15/26 18:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 18:33	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	140954	05/15/26 10:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140963	05/15/26 19:50	CS	EET MID

Client Sample ID: SW-6 (2.0)

Lab Sample ID: 890-9933-6

Date Collected: 05/14/26 10:36

Matrix: Solid

Date Received: 05/14/26 16:02

Prep 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	140989	05/15/26 14:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140865	05/16/26 06:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141050	05/16/26 06:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			141012	05/15/26 18:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 18:49	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	140954	05/15/26 10:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140963	05/15/26 20:06	CS	EET MID

Client Sample ID: SW-7 (2.0)

Lab Sample ID: 890-9933-7

Date Collected: 05/14/26 10:40

Matrix: Solid

Date Received: 05/14/26 16:02

Prep 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	140982	05/15/26 13:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140922	05/16/26 03:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141050	05/16/26 03:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			141012	05/15/26 19:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 19:04	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Client Sample ID: SW-7 (2.0)

Lab Sample ID: 890-9933-7

Date Collected: 05/14/26 10:40

Matrix: Solid

Date Received: 05/14/26 16:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	140954	05/15/26 10:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140963	05/15/26 20:11	CS	EET MID

Client Sample ID: SW-8 (1.5-2.0)

Lab Sample ID: 890-9933-8

Date Collected: 05/14/26 10:44

Matrix: Solid

Date Received: 05/14/26 16:02

Prep 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	140982	05/15/26 13:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140922	05/16/26 04:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141050	05/16/26 04:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			141012	05/15/26 19:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 19:20	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	140954	05/15/26 10:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140963	05/15/26 20:26	CS	EET MID

Client Sample ID: SW-9 (2.0)

Lab Sample ID: 890-9933-9

Date Collected: 05/14/26 10:48

Matrix: Solid

Date Received: 05/14/26 16:02

Prep 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	140982	05/15/26 13:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140922	05/16/26 04:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141050	05/16/26 04:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			141012	05/15/26 19:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 19:35	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	140954	05/15/26 10:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140963	05/15/26 20:31	CS	EET MID

Client Sample ID: SW-10 (2.0)

Lab Sample ID: 890-9933-10

Date Collected: 05/14/26 10:52

Matrix: Solid

Date Received: 05/14/26 16:02

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	140982	05/15/26 13:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140922	05/16/26 04:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141050	05/16/26 04:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			141012	05/15/26 19:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 19:51	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	140954	05/15/26 10:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140963	05/15/26 20:37	CS	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Client Sample ID: SW-11 (2.0)

Lab Sample ID: 890-9933-11

Date Collected: 05/14/26 10:56

Matrix: Solid

Date Received: 05/14/26 16:02

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	141031	05/18/26 09:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/18/26 13:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141050	05/18/26 13:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			141012	05/15/26 20:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 20:06	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	140954	05/15/26 10:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140963	05/15/26 20:42	CS	EET MID

Client Sample ID: SW-12 (2.0)

Lab Sample ID: 890-9933-12

Date Collected: 05/14/26 11:00

Matrix: Solid

Date Received: 05/14/26 16:02

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	141031	05/18/26 09:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/18/26 13:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141050	05/18/26 13:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			141012	05/15/26 20:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 20:22	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	140954	05/15/26 10:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140963	05/15/26 20:47	CS	EET MID

Client Sample ID: SW-13 (2.0)

Lab Sample ID: 890-9933-13

Date Collected: 05/14/26 11:07

Matrix: Solid

Date Received: 05/14/26 16:02

Prep 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	141031	05/18/26 09:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/18/26 13:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141050	05/18/26 13:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			141012	05/15/26 20:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 20:37	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	140954	05/15/26 10:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140963	05/15/26 20:52	CS	EET MID

Client Sample ID: SW-14 (2.0)

Lab Sample ID: 890-9933-14

Date Collected: 05/14/26 11:11

Matrix: Solid

Date Received: 05/14/26 16:02

Prep 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	141031	05/18/26 09:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/18/26 14:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141050	05/18/26 14:12	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Client Sample ID: SW-14 (2.0)
Date Collected: 05/14/26 11:11
Date Received: 05/14/26 16:02

Lab Sample ID: 890-9933-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			141012	05/15/26 21:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 21:08	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	140954	05/15/26 10:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140963	05/15/26 20:57	CS	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: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T 104704400. 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: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9933-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9933-1	SW-1 (1.5-2.0)	Solid	05/14/26 10:16	05/14/26 16:02	New Mexico
890-9933-2	SW-2 (2.0)	Solid	05/14/26 10:20	05/14/26 16:02	New Mexico
890-9933-3	SW-3 (2.0)	Solid	05/14/26 10:24	05/14/26 16:02	New Mexico
890-9933-4	SW-4 (2.0)	Solid	05/14/26 10:28	05/14/26 16:02	New Mexico
890-9933-5	SW-5 (2.0)	Solid	05/14/26 10:32	05/14/26 16:02	New Mexico
890-9933-6	SW-6 (2.0)	Solid	05/14/26 10:36	05/14/26 16:02	New Mexico
890-9933-7	SW-7 (2.0)	Solid	05/14/26 10:40	05/14/26 16:02	New Mexico
890-9933-8	SW-8 (1.5-2.0)	Solid	05/14/26 10:44	05/14/26 16:02	New Mexico
890-9933-9	SW-9 (2.0)	Solid	05/14/26 10:48	05/14/26 16:02	New Mexico
890-9933-10	SW-10 (2.0)	Solid	05/14/26 10:52	05/14/26 16:02	New Mexico
890-9933-11	SW-11 (2.0)	Solid	05/14/26 10:56	05/14/26 16:02	New Mexico
890-9933-12	SW-12 (2.0)	Solid	05/14/26 11:00	05/14/26 16:02	New Mexico
890-9933-13	SW-13 (2.0)	Solid	05/14/26 11:07	05/14/26 16:02	New Mexico
890-9933-14	SW-14 (2.0)	Solid	05/14/26 11:11	05/14/26 16:02	New Mexico

Chain of Custody



890-9933 Chain of Custody

Page 1 of 2

Project Manager: Ashton Thielke		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: 432-813-8988		Email: ThielkeA@carmonaresources.com			

Project Name: Cotton Draw Section 4 SAT (04.07.2026)		Turn Around		Pres. Code	
Project Number: 3242		☐ Routine ☒ Rush			
Project Location: Lea County, New Mexico		Due Date: 48 hr			
Sampler's Name: RP					
PO #:					

Temp Blank:		Yes No		Wet Ice:		Yes No	
Received Intact:		Yes No		Thermometer ID:		-0.2	
Cooler Custody Seals:		Yes No		Correction Factor:		1.6	
Sample Custody Seals:		Yes No		Temperature Reading:		1.4	
Total Containers:				Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grabi/ Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes
SW-1 (1.5'-2.0')	5/14/2026	10:16	X		C	1				None: NO DI Water: H ₂ O
SW-2 (2.0')	5/14/2026	10:20	X		C	1				Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na
SW-3 (2.0')	5/14/2026	10:24	X		C	1				H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃
SW-4 (2.0')	5/14/2026	10:28	X		C	1				Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
SW-5 (2.0')	5/14/2026	10:32	X		C	1				
SW-6 (2.0')	5/14/2026	10:36	X		C	1				
SW-7 (2.0')	5/14/2026	10:40	X		C	1				
SW-8 (1.5'-2.0')	5/14/2026	10:44	X		C	1				
SW-9 (2.0')	5/14/2026	10:48	X		C	1				
SW-10 (2.0')	5/14/2026	10:52	X		C	1				

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Rowfields ☐ RC ☐ perfund ☐	
State of Project: Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other: ☐	

Comments:

Relinquished by: (Signature)		Date/Time	
		10:07 5/14	
Received by: (Signature)		Date/Time	
		5/14 16:08	

Chain of Custody

Work Order No: _____

Page 2 of 2

Project Manager: Ashton Thielke		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: 432-813-8988		Email: ThielkeA@carmonaresources.com			

Project Name: Cotton Draw Section 4 SAT (04.07.2026)		Turn Around		Pres. Code	
Project Number: 3242		☐ Routine ☒ Rush			
Project Location: Lea County, New Mexico		Due Date: 48 hr			
Sampler's Name: RP					
PO #:					

SAMPLE RECEIPT Received Intact: Yes ☒ No ☐ Thermometer ID: <u>1-0.2</u> Cooler Custody Seals: Yes ☒ No ☐ Correction Factor: <u>1.6</u> Sample Custody Seals: Yes ☒ No ☐ Temperature Reading: <u>1.4</u> Total Containers:		Temp Blank: Yes ☒ No ☐ Wet Ice: Yes ☒ No ☐ Thermometer ID: <u>1-0.2</u> Correction Factor: <u>1.6</u> Temperature Reading: <u>1.4</u> Corrected Temperature:	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	Parameters	Pres. Code	# of Cont
SW-11 (2.0')	5/14/2026	10:56	X		C	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0		1
SW-12 (2.0')	5/14/2026	11:00	X		C			
SW-13 (2.0')	5/14/2026	11:07	X		C			
SW-14 (2.0')	5/14/2026	11:11	X		C			

ANALYSIS REQUEST	Preservative Codes
	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC

Work Order Comments	Program: UST/PST ☐ PRP ☐ Rowfields ☐ RC ☐ perfund ☐
	State of Project: Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐ Deliverables: EDD ☐ ADaPT ☐ Other:

Relinquished by: (Signature)		Date/Time
		5/14/2026
Received by: (Signature)		Date/Time
		5/14/2026

Comments:

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9933-1

SDG Number: Lea County New Mexico

Login Number: 9933

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9933-1

SDG Number: Lea County New Mexico

Login Number: 9933

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 05/15/26 08:11 AM

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 5/18/2026 10:42:59 AM

JOB DESCRIPTION

Cotton Draw Section 4 SAT (04.07.2026)
Lea County New Mexico

JOB NUMBER

890-9934-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



Eurofins Carlsbad

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
5/18/2026 10:42:59 AM

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

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Laboratory Job ID: 890-9934-1
SDG: Lea County New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	13
QC Sample Results	14
QC Association Summary	20
Lab Chronicle	23
Certification Summary	26
Method Summary	27
Sample Summary	28
Chain of Custody	29
Receipt Checklists	30

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1

Job ID: 890-9934-1

Eurofins Carlsbad

Job Narrative 890-9934-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 5/14/2026 4:02 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (2.0) (890-9934-1), CS-2 (2.0) (890-9934-2), CS-3 (2.0) (890-9934-3), CS-4 (2.0) (890-9934-4), CS-5 (2.0) (890-9934-5), CS-6 (2.0) (890-9934-6), CS-7 (2.0) (890-9934-7), CS-8 (2.0) (890-9934-8) and CS-9 (2.0) (890-9934-9).

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 8015B NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-140907 and analytical batch 880-140935 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 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-140907/2-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (890-9933-A-4-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-1 (2.0) (890-9934-1), CS-2 (2.0) (890-9934-2), CS-3 (2.0) (890-9934-3), CS-5 (2.0) (890-9934-5), CS-6 (2.0) (890-9934-6), CS-7 (2.0) (890-9934-7), CS-8 (2.0) (890-9934-8) and CS-9 (2.0) (890-9934-9). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-140955 and analytical batch 880-140964 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 Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

Client Sample ID: CS-1 (2.0)

Lab Sample ID: 890-9934-1

Date Collected: 05/14/26 09:44

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/15/26 14:22	05/15/26 22:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/15/26 22:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/15/26 22:39	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/15/26 14:22	05/15/26 22:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/15/26 22:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/15/26 14:22	05/15/26 22:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	05/15/26 14:22	05/15/26 22:39	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/15/26 14:22	05/15/26 22:39	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			05/15/26 22:39	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			05/15/26 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	<49.8	U	49.8		mg/Kg		05/14/26 17:28	05/15/26 21:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/14/26 17:28	05/15/26 21:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/14/26 17:28	05/15/26 21:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130	05/14/26 17:28	05/15/26 21:23	1
o-Terphenyl (Surr)	57	S1-	70 - 130	05/14/26 17:28	05/15/26 21:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.1		9.96		mg/Kg			05/15/26 22:42	1

Client Sample ID: CS-2 (2.0)

Lab Sample ID: 890-9934-2

Date Collected: 05/14/26 09:48

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/15/26 14:22	05/15/26 22:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/15/26 22:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/15/26 22:59	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/15/26 14:22	05/15/26 22:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/15/26 22:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/15/26 14:22	05/15/26 22:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	05/15/26 14:22	05/15/26 22:59	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/15/26 14:22	05/15/26 22:59	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

Client Sample ID: CS-2 (2.0)

Lab Sample ID: 890-9934-2

Date Collected: 05/14/26 09:48

Matrix: Solid

Date Received: 05/14/26 16:02

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			05/15/26 22:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/15/26 21:38	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		05/14/26 17:28	05/15/26 21:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/14/26 17:28	05/15/26 21:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/14/26 17:28	05/15/26 21:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130				05/14/26 17:28	05/15/26 21:38	1
o-Terphenyl (Surr)	58	S1-	70 - 130				05/14/26 17:28	05/15/26 21:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.2		9.94		mg/Kg			05/15/26 22:47	1

Client Sample ID: CS-3 (2.0)

Lab Sample ID: 890-9934-3

Date Collected: 05/14/26 09:52

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/15/26 14:22	05/15/26 23:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/15/26 14:22	05/15/26 23:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/15/26 14:22	05/15/26 23:20	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/15/26 14:22	05/15/26 23:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/15/26 14:22	05/15/26 23:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/15/26 14:22	05/15/26 23:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				05/15/26 14:22	05/15/26 23:20	1
1,4-Difluorobenzene (Surr)	91		70 - 130				05/15/26 14:22	05/15/26 23:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/15/26 23:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	119		50.0		mg/Kg			05/15/26 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	<50.0	U	50.0		mg/Kg		05/14/26 17:28	05/15/26 21:53	1
Diesel Range Organics (Over C10-C28)	119		50.0		mg/Kg		05/14/26 17:28	05/15/26 21:53	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

Client Sample ID: CS-3 (2.0)

Lab Sample ID: 890-9934-3

Date Collected: 05/14/26 09:52

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/14/26 17:28	05/15/26 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				05/14/26 17:28	05/15/26 21:53	1
o-Terphenyl (Surr)	67	S1-	70 - 130				05/14/26 17:28	05/15/26 21:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.8		9.94		mg/Kg			05/15/26 23:02	1

Client Sample ID: CS-4 (2.0)

Lab Sample ID: 890-9934-4

Date Collected: 05/14/26 09:56

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/15/26 14:22	05/15/26 23:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/15/26 14:22	05/15/26 23:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/15/26 14:22	05/15/26 23:40	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/15/26 14:22	05/15/26 23:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/15/26 14:22	05/15/26 23:40	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/15/26 14:22	05/15/26 23:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				05/15/26 14:22	05/15/26 23:40	1
1,4-Difluorobenzene (Surr)	89		70 - 130				05/15/26 14:22	05/15/26 23:40	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			05/15/26 23:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/15/26 22:08	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	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 22:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 22:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 22:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130				05/14/26 17:28	05/15/26 22:08	1
o-Terphenyl (Surr)	74		70 - 130				05/14/26 17:28	05/15/26 22:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.1		9.94		mg/Kg			05/15/26 23:07	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

Client Sample ID: CS-5 (2.0)

Lab Sample ID: 890-9934-5

Date Collected: 05/14/26 10:00

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/15/26 14:22	05/16/26 00:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/16/26 00:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/16/26 00:01	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		05/15/26 14:22	05/16/26 00:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/16/26 00:01	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/15/26 14:22	05/16/26 00:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	05/15/26 14:22	05/16/26 00:01	1
1,4-Difluorobenzene (Surr)	88		70 - 130	05/15/26 14:22	05/16/26 00:01	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			05/16/26 00:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/15/26 22:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 22:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 22:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/26 17:28	05/15/26 22:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130	05/14/26 17:28	05/15/26 22:23	1
o-Terphenyl (Surr)	60	S1-	70 - 130	05/14/26 17:28	05/15/26 22:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.9		9.92		mg/Kg			05/15/26 23:12	1

Client Sample ID: CS-6 (2.0)

Lab Sample ID: 890-9934-6

Date Collected: 05/14/26 10:04

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/15/26 14:22	05/16/26 00:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/15/26 14:22	05/16/26 00:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/15/26 14:22	05/16/26 00:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/15/26 14:22	05/16/26 00:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/15/26 14:22	05/16/26 00:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/15/26 14:22	05/16/26 00:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/15/26 14:22	05/16/26 00:21	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/15/26 14:22	05/16/26 00:21	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

Client Sample ID: CS-6 (2.0)

Lab Sample ID: 890-9934-6

Date Collected: 05/14/26 10:04

Matrix: Solid

Date Received: 05/14/26 16:02

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			05/16/26 00:21	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			05/15/26 22:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/26 17:28	05/15/26 22:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/26 17:28	05/15/26 22:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/26 17:28	05/15/26 22:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				05/14/26 17:28	05/15/26 22:38	1
o-Terphenyl (Surr)	61	S1-	70 - 130				05/14/26 17:28	05/15/26 22:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/15/26 23:17	1

Client Sample ID: CS-7 (2.0)

Lab Sample ID: 890-9934-7

Date Collected: 05/14/26 13:38

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/15/26 14:22	05/16/26 00:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/16/26 00:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/16/26 00:42	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/15/26 14:22	05/16/26 00:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/16/26 00:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/15/26 14:22	05/16/26 00:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130				05/15/26 14:22	05/16/26 00:42	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/15/26 14:22	05/16/26 00:42	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			05/16/26 00:42	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			05/15/26 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		05/14/26 17:28	05/15/26 22:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/14/26 17:28	05/15/26 22:55	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

Client Sample ID: CS-7 (2.0)

Lab Sample ID: 890-9934-7

Date Collected: 05/14/26 13:38

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/14/26 17:28	05/15/26 22:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				05/14/26 17:28	05/15/26 22:55	1
o-Terphenyl (Surr)	52	S1-	70 - 130				05/14/26 17:28	05/15/26 22:55	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			05/15/26 23:22	1

Client Sample ID: CS-8 (2.0)

Lab Sample ID: 890-9934-8

Date Collected: 05/14/26 13:42

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/14/26 16:26	05/16/26 01:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/14/26 16:26	05/16/26 01:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/14/26 16:26	05/16/26 01:37	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/14/26 16:26	05/16/26 01:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/14/26 16:26	05/16/26 01:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/14/26 16:26	05/16/26 01:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				05/14/26 16:26	05/16/26 01:37	1
1,4-Difluorobenzene (Surr)	122		70 - 130				05/14/26 16:26	05/16/26 01:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/16/26 01:37	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			05/15/26 23:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/14/26 17:28	05/15/26 23:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/14/26 17:28	05/15/26 23:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/14/26 17:28	05/15/26 23:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				05/14/26 17:28	05/15/26 23:10	1
o-Terphenyl (Surr)	58	S1-	70 - 130				05/14/26 17:28	05/15/26 23:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.0		10.0		mg/Kg			05/15/26 23:27	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

Client Sample ID: CS-9 (2.0)

Lab Sample ID: 890-9934-9

Date Collected: 05/14/26 13:46

Matrix: Solid

Date Received: 05/14/26 16:02

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		05/14/26 16:26	05/16/26 01:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/14/26 16:26	05/16/26 01:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/14/26 16:26	05/16/26 01:57	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/14/26 16:26	05/16/26 01:57	1
o-Xylene	0.0771		0.00202		mg/Kg		05/14/26 16:26	05/16/26 01:57	1
Xylenes, Total	0.0771		0.00404		mg/Kg		05/14/26 16:26	05/16/26 01:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	05/14/26 16:26	05/16/26 01:57	1
1,4-Difluorobenzene (Surr)	77		70 - 130	05/14/26 16:26	05/16/26 01:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0771		0.00404		mg/Kg			05/16/26 01:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/15/26 23:25	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		05/14/26 17:28	05/15/26 23:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/26 17:28	05/15/26 23:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/26 17:28	05/15/26 23:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				05/14/26 17:28	05/15/26 23:25	1
o-Terphenyl (Surr)	64	S1-	70 - 130				05/14/26 17:28	05/15/26 23:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.3		9.98		mg/Kg			05/15/26 23:32	1

Eurofins Carlsbad

Surrogate Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-71106-A-20-A MB	Method Blank	117	108
890-9925-A-41-E MS	Matrix Spike	103	104
890-9925-A-41-F MSD	Matrix Spike Duplicate	95	99
890-9934-1	CS-1 (2.0)	99	93
890-9934-1 MS	CS-1 (2.0)	89	102
890-9934-1 MSD	CS-1 (2.0)	93	100
890-9934-2	CS-2 (2.0)	93	95
890-9934-3	CS-3 (2.0)	111	91
890-9934-4	CS-4 (2.0)	100	89
890-9934-5	CS-5 (2.0)	92	88
890-9934-6	CS-6 (2.0)	96	95
890-9934-7	CS-7 (2.0)	72	90
890-9934-8	CS-8 (2.0)	124	122
890-9934-9	CS-9 (2.0)	78	77
LCS 880-140891/1-A	Lab Control Sample	77	94
LCS 880-140989/1-A	Lab Control Sample	92	101
LCSD 880-140891/2-A	Lab Control Sample Dup	82	93
LCSD 880-140989/2-A	Lab Control Sample Dup	92	100
MB 880-140889/5-A	Method Blank	98	94
MB 880-140891/5-A	Method Blank	108	98
MB 880-140989/5-A	Method Blank	100	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)
890-9933-A-4-B MS	Matrix Spike	98	74
890-9933-A-4-C MSD	Matrix Spike Duplicate	95	68 S1-
890-9934-1	CS-1 (2.0)	96	57 S1-
890-9934-2	CS-2 (2.0)	94	58 S1-
890-9934-3	CS-3 (2.0)	101	67 S1-
890-9934-4	CS-4 (2.0)	105	74
890-9934-5	CS-5 (2.0)	93	60 S1-
890-9934-6	CS-6 (2.0)	101	61 S1-
890-9934-7	CS-7 (2.0)	90	52 S1-
890-9934-8	CS-8 (2.0)	95	58 S1-
890-9934-9	CS-9 (2.0)	100	64 S1-
LCS 880-140907/2-A	Lab Control Sample	89	65 S1-
LCSD 880-140907/3-A	Lab Control Sample Dup	90	74
MB 880-140907/1-A	Method Blank	101	72
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-140889/5-A

Matrix: Solid

Analysis Batch: 140865

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:25	05/15/26 11:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:25	05/15/26 11:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:25	05/15/26 11:18	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/14/26 16:25	05/15/26 11:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:25	05/15/26 11:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/14/26 16:25	05/15/26 11:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	05/14/26 16:25	05/15/26 11:18	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/14/26 16:25	05/15/26 11:18	1

Lab Sample ID: 880-71106-A-20-A MB

Matrix: Solid

Analysis Batch: 141008

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:26	05/15/26 23:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:26	05/15/26 23:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:26	05/15/26 23:33	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/14/26 16:26	05/15/26 23:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:26	05/15/26 23:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/14/26 16:26	05/15/26 23:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	05/14/26 16:26	05/15/26 23:33	1
1,4-Difluorobenzene (Surr)	108		70 - 130	05/14/26 16:26	05/15/26 23:33	1

Lab Sample ID: MB 880-140891/5-A

Matrix: Solid

Analysis Batch: 141008

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:26	05/15/26 18:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:26	05/15/26 18:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:26	05/15/26 18:30	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/14/26 16:26	05/15/26 18:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/14/26 16:26	05/15/26 18:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/14/26 16:26	05/15/26 18:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	05/14/26 16:26	05/15/26 18:30	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/14/26 16:26	05/15/26 18:30	1

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-140891/1-A

Matrix: Solid

Analysis Batch: 141008

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 140891

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08971		mg/Kg		90	70 - 130
Toluene	0.100	0.08418		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.09084		mg/Kg		91	70 - 130
m,p-Xylenes	0.200	0.1744		mg/Kg		87	70 - 130
o-Xylene	0.100	0.07530		mg/Kg		75	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	77		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-140891/2-A

Matrix: Solid

Analysis Batch: 141008

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 140891

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09099		mg/Kg		91	70 - 130	1	35
Toluene	0.100	0.09001		mg/Kg		90	70 - 130	7	35
Ethylbenzene	0.100	0.07759		mg/Kg		78	70 - 130	16	35
m,p-Xylenes	0.200	0.1528		mg/Kg		76	70 - 130	13	35
o-Xylene	0.100	0.07760		mg/Kg		78	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	82		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 890-9925-A-41-E MS

Matrix: Solid

Analysis Batch: 141008

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 140891

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09189		mg/Kg		92	70 - 130
Toluene	<0.00200	U	0.100	0.08504		mg/Kg		85	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07566		mg/Kg		76	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1630		mg/Kg		81	70 - 130
o-Xylene	<0.00200	U	0.100	0.08099		mg/Kg		81	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-9925-A-41-F MSD

Matrix: Solid

Analysis Batch: 141008

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 140891

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	0.08726		mg/Kg		87	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.07929		mg/Kg		79	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.100	0.07107		mg/Kg		71	70 - 130	6	35

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9925-A-41-F MSD

Matrix: Solid

Analysis Batch: 141008

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 140891

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00399	U	0.200	0.1427		mg/Kg		71	70 - 130	13	35
o-Xylene	<0.00200	U	0.100	0.07118		mg/Kg		71	70 - 130	13	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-140989/5-A

Matrix: Solid

Analysis Batch: 140865

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140989

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/15/26 22:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/15/26 22:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/15/26 22:17	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/15/26 14:22	05/15/26 22:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/26 14:22	05/15/26 22:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/15/26 14:22	05/15/26 22:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	05/15/26 14:22	05/15/26 22:17	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/15/26 14:22	05/15/26 22:17	1

Lab Sample ID: LCS 880-140989/1-A

Matrix: Solid

Analysis Batch: 140865

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 140989

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08871		mg/Kg		89	70 - 130
Toluene	0.100	0.08894		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09167		mg/Kg		92	70 - 130
m,p-Xylenes	0.200	0.1830		mg/Kg		92	70 - 130
o-Xylene	0.100	0.09060		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-140989/2-A

Matrix: Solid

Analysis Batch: 140865

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 140989

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08800		mg/Kg		88	70 - 130	1	35
Toluene	0.100	0.08674		mg/Kg		87	70 - 130	3	35
Ethylbenzene	0.100	0.08797		mg/Kg		88	70 - 130	4	35
m,p-Xylenes	0.200	0.1722		mg/Kg		86	70 - 130	6	35
o-Xylene	0.100	0.08536		mg/Kg		85	70 - 130	6	35

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea 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: 890-9934-1 MS

Matrix: Solid

Analysis Batch: 140865

Client Sample ID: CS-1 (2.0)

Prep Type: Total/NA

Prep Batch: 140989

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.100	0.08837		mg/Kg		88	70 - 130	
Toluene	<0.00200	U	0.100	0.08722		mg/Kg		87	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.09214		mg/Kg		92	70 - 130	
m,p-Xylenes	<0.00399	U	0.200	0.1803		mg/Kg		90	70 - 130	
o-Xylene	<0.00200	U	0.100	0.08915		mg/Kg		89	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-9934-1 MSD

Matrix: Solid

Analysis Batch: 140865

Client Sample ID: CS-1 (2.0)

Prep Type: Total/NA

Prep Batch: 140989

	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	0.08407		mg/Kg		84	70 - 130	5	35	
Toluene	<0.00200	U	0.100	0.08473		mg/Kg		85	70 - 130	3	35	
Ethylbenzene	<0.00200	U	0.100	0.08896		mg/Kg		89	70 - 130	4	35	
m,p-Xylenes	<0.00399	U	0.200	0.1756		mg/Kg		88	70 - 130	3	35	
o-Xylene	<0.00200	U	0.100	0.08674		mg/Kg		87	70 - 130	3	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

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

Lab Sample ID: MB 880-140907/1-A

Matrix: Solid

Analysis Batch: 140935

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140907

	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		05/14/26 17:27	05/15/26 16:58	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/26 17:27	05/15/26 16:58	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/26 17:27	05/15/26 16:58	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane (Surr)	101		70 - 130	05/14/26 17:27	05/15/26 16:58	1				
o-Terphenyl (Surr)	72		70 - 130	05/14/26 17:27	05/15/26 16:58	1				

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources

Job ID: 890-9934-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-140907/2-A

Matrix: Solid

Analysis Batch: 140935

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 140907

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	1180		mg/Kg		118		70 - 130	
Diesel Range Organics (Over C10-C28)			1000	850.7		mg/Kg		85		70 - 130	
Surrogate	LCS		Limits								
	%Recovery	Qualifier									
1-Chlorooctane (Surr)	89		70 - 130								
o-Terphenyl (Surr)	65	S1-	70 - 130								

Lab Sample ID: LCSD 880-140907/3-A

Matrix: Solid

Analysis Batch: 140935

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 140907

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1192		mg/Kg		119	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	973.2		mg/Kg		97	70 - 130	13	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	90		70 - 130								
o-Terphenyl (Surr)	74		70 - 130								

Lab Sample ID: 890-9933-A-4-B MS

Matrix: Solid

Analysis Batch: 140935

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 140907

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	999	920.9		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.6	U F1	999	734.3		mg/Kg		74	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane (Surr)	98		70 - 130								
o-Terphenyl (Surr)	74		70 - 130								

Lab Sample ID: 890-9933-A-4-C MSD

Matrix: Solid

Analysis Batch: 140935

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 140907

	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	<49.6	U	999	926.7		mg/Kg		91	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.6	U F1	999	685.6	F1	mg/Kg		69	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	95		70 - 130								

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9933-A-4-C MSD
Matrix: Solid
Analysis Batch: 140935

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 140907

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	68	S1-	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-140955/1-A
Matrix: Solid
Analysis Batch: 140964

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Chloride	<10.0	U		10.0		mg/Kg			05/15/26 21:02	1

Lab Sample ID: LCS 880-140955/2-A
Matrix: Solid
Analysis Batch: 140964

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte		Spike	LCS	LCS				%Rec	
		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride		250	242.9		mg/Kg		97	90 - 110	

Lab Sample ID: LCSD 880-140955/3-A
Matrix: Solid
Analysis Batch: 140964

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	274.3		mg/Kg		110	90 - 110	12	20

Lab Sample ID: 880-72341-A-7-C MS
Matrix: Solid
Analysis Batch: 140964

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS			%Rec	
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Chloride	81.5	F1	251	327.7		mg/Kg		98	90 - 110

Lab Sample ID: 880-72341-A-7-D MSD
Matrix: Solid
Analysis Batch: 140964

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MSD	MSD			%Rec		RPD
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	Limit
Chloride	81.5	F1	251	360.1	F1	mg/Kg		111	90 - 110	9

QC Association Summary

Client: Carmona Resources

Job ID: 890-9934-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

GC VOA

Analysis Batch: 140865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9934-1	CS-1 (2.0)	Total/NA	Solid	8021B	140989
890-9934-2	CS-2 (2.0)	Total/NA	Solid	8021B	140989
890-9934-3	CS-3 (2.0)	Total/NA	Solid	8021B	140989
890-9934-4	CS-4 (2.0)	Total/NA	Solid	8021B	140989
890-9934-5	CS-5 (2.0)	Total/NA	Solid	8021B	140989
890-9934-6	CS-6 (2.0)	Total/NA	Solid	8021B	140989
890-9934-7	CS-7 (2.0)	Total/NA	Solid	8021B	140989
MB 880-140889/5-A	Method Blank	Total/NA	Solid	8021B	140889
MB 880-140989/5-A	Method Blank	Total/NA	Solid	8021B	140989
LCS 880-140989/1-A	Lab Control Sample	Total/NA	Solid	8021B	140989
LCSD 880-140989/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	140989
890-9934-1 MS	CS-1 (2.0)	Total/NA	Solid	8021B	140989
890-9934-1 MSD	CS-1 (2.0)	Total/NA	Solid	8021B	140989

Prep Batch: 140889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-140889/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 140891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9934-8	CS-8 (2.0)	Total/NA	Solid	5035	
890-9934-9	CS-9 (2.0)	Total/NA	Solid	5035	
880-71106-A-20-A MB	Method Blank	Total/NA	Solid	5035	
MB 880-140891/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-140891/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-140891/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9925-A-41-E MS	Matrix Spike	Total/NA	Solid	5035	
890-9925-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 140989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9934-1	CS-1 (2.0)	Total/NA	Solid	5035	
890-9934-2	CS-2 (2.0)	Total/NA	Solid	5035	
890-9934-3	CS-3 (2.0)	Total/NA	Solid	5035	
890-9934-4	CS-4 (2.0)	Total/NA	Solid	5035	
890-9934-5	CS-5 (2.0)	Total/NA	Solid	5035	
890-9934-6	CS-6 (2.0)	Total/NA	Solid	5035	
890-9934-7	CS-7 (2.0)	Total/NA	Solid	5035	
MB 880-140989/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-140989/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-140989/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9934-1 MS	CS-1 (2.0)	Total/NA	Solid	5035	
890-9934-1 MSD	CS-1 (2.0)	Total/NA	Solid	5035	

Analysis Batch: 141008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9934-8	CS-8 (2.0)	Total/NA	Solid	8021B	140891
890-9934-9	CS-9 (2.0)	Total/NA	Solid	8021B	140891
880-71106-A-20-A MB	Method Blank	Total/NA	Solid	8021B	140891
MB 880-140891/5-A	Method Blank	Total/NA	Solid	8021B	140891
LCS 880-140891/1-A	Lab Control Sample	Total/NA	Solid	8021B	140891

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 141008 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-140891/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	140891
890-9925-A-41-E MS	Matrix Spike	Total/NA	Solid	8021B	140891
890-9925-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	140891

Analysis Batch: 141054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9934-1	CS-1 (2.0)	Total/NA	Solid	Total BTEX	
890-9934-2	CS-2 (2.0)	Total/NA	Solid	Total BTEX	
890-9934-3	CS-3 (2.0)	Total/NA	Solid	Total BTEX	
890-9934-4	CS-4 (2.0)	Total/NA	Solid	Total BTEX	
890-9934-5	CS-5 (2.0)	Total/NA	Solid	Total BTEX	
890-9934-6	CS-6 (2.0)	Total/NA	Solid	Total BTEX	
890-9934-7	CS-7 (2.0)	Total/NA	Solid	Total BTEX	
890-9934-8	CS-8 (2.0)	Total/NA	Solid	Total BTEX	
890-9934-9	CS-9 (2.0)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 140907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9934-1	CS-1 (2.0)	Total/NA	Solid	8015NM Prep	
890-9934-2	CS-2 (2.0)	Total/NA	Solid	8015NM Prep	
890-9934-3	CS-3 (2.0)	Total/NA	Solid	8015NM Prep	
890-9934-4	CS-4 (2.0)	Total/NA	Solid	8015NM Prep	
890-9934-5	CS-5 (2.0)	Total/NA	Solid	8015NM Prep	
890-9934-6	CS-6 (2.0)	Total/NA	Solid	8015NM Prep	
890-9934-7	CS-7 (2.0)	Total/NA	Solid	8015NM Prep	
890-9934-8	CS-8 (2.0)	Total/NA	Solid	8015NM Prep	
890-9934-9	CS-9 (2.0)	Total/NA	Solid	8015NM Prep	
MB 880-140907/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-140907/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-140907/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9933-A-4-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9933-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 140935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9934-1	CS-1 (2.0)	Total/NA	Solid	8015B NM	140907
890-9934-2	CS-2 (2.0)	Total/NA	Solid	8015B NM	140907
890-9934-3	CS-3 (2.0)	Total/NA	Solid	8015B NM	140907
890-9934-4	CS-4 (2.0)	Total/NA	Solid	8015B NM	140907
890-9934-5	CS-5 (2.0)	Total/NA	Solid	8015B NM	140907
890-9934-6	CS-6 (2.0)	Total/NA	Solid	8015B NM	140907
890-9934-7	CS-7 (2.0)	Total/NA	Solid	8015B NM	140907
890-9934-8	CS-8 (2.0)	Total/NA	Solid	8015B NM	140907
890-9934-9	CS-9 (2.0)	Total/NA	Solid	8015B NM	140907
MB 880-140907/1-A	Method Blank	Total/NA	Solid	8015B NM	140907
LCS 880-140907/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	140907
LCSD 880-140907/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	140907
890-9933-A-4-B MS	Matrix Spike	Total/NA	Solid	8015B NM	140907
890-9933-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	140907

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources

Job ID: 890-9934-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 141084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9934-1	CS-1 (2.0)	Total/NA	Solid	8015 NM	
890-9934-2	CS-2 (2.0)	Total/NA	Solid	8015 NM	
890-9934-3	CS-3 (2.0)	Total/NA	Solid	8015 NM	
890-9934-4	CS-4 (2.0)	Total/NA	Solid	8015 NM	
890-9934-5	CS-5 (2.0)	Total/NA	Solid	8015 NM	
890-9934-6	CS-6 (2.0)	Total/NA	Solid	8015 NM	
890-9934-7	CS-7 (2.0)	Total/NA	Solid	8015 NM	
890-9934-8	CS-8 (2.0)	Total/NA	Solid	8015 NM	
890-9934-9	CS-9 (2.0)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 140955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9934-1	CS-1 (2.0)	Soluble	Solid	DI Leach	
890-9934-2	CS-2 (2.0)	Soluble	Solid	DI Leach	
890-9934-3	CS-3 (2.0)	Soluble	Solid	DI Leach	
890-9934-4	CS-4 (2.0)	Soluble	Solid	DI Leach	
890-9934-5	CS-5 (2.0)	Soluble	Solid	DI Leach	
890-9934-6	CS-6 (2.0)	Soluble	Solid	DI Leach	
890-9934-7	CS-7 (2.0)	Soluble	Solid	DI Leach	
890-9934-8	CS-8 (2.0)	Soluble	Solid	DI Leach	
890-9934-9	CS-9 (2.0)	Soluble	Solid	DI Leach	
MB 880-140955/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-140955/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-140955/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-72341-A-7-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-72341-A-7-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 140964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9934-1	CS-1 (2.0)	Soluble	Solid	300.0	140955
890-9934-2	CS-2 (2.0)	Soluble	Solid	300.0	140955
890-9934-3	CS-3 (2.0)	Soluble	Solid	300.0	140955
890-9934-4	CS-4 (2.0)	Soluble	Solid	300.0	140955
890-9934-5	CS-5 (2.0)	Soluble	Solid	300.0	140955
890-9934-6	CS-6 (2.0)	Soluble	Solid	300.0	140955
890-9934-7	CS-7 (2.0)	Soluble	Solid	300.0	140955
890-9934-8	CS-8 (2.0)	Soluble	Solid	300.0	140955
890-9934-9	CS-9 (2.0)	Soluble	Solid	300.0	140955
MB 880-140955/1-A	Method Blank	Soluble	Solid	300.0	140955
LCS 880-140955/2-A	Lab Control Sample	Soluble	Solid	300.0	140955
LCSD 880-140955/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	140955
880-72341-A-7-C MS	Matrix Spike	Soluble	Solid	300.0	140955
880-72341-A-7-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	140955

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

Client Sample ID: CS-1 (2.0)

Lab Sample ID: 890-9934-1

Date Collected: 05/14/26 09:44

Matrix: Solid

Date Received: 05/14/26 16:02

Prep 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	140989	05/15/26 14:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140865	05/15/26 22:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141054	05/15/26 22:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			141084	05/15/26 21:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 21:23	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	140955	05/15/26 10:47	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140964	05/15/26 22:42	CS	EET MID

Client Sample ID: CS-2 (2.0)

Lab Sample ID: 890-9934-2

Date Collected: 05/14/26 09:48

Matrix: Solid

Date Received: 05/14/26 16:02

Prep 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	140989	05/15/26 14:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140865	05/15/26 22:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141054	05/15/26 22:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			141084	05/15/26 21:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 21:38	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	140955	05/15/26 10:47	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140964	05/15/26 22:47	CS	EET MID

Client Sample ID: CS-3 (2.0)

Lab Sample ID: 890-9934-3

Date Collected: 05/14/26 09:52

Matrix: Solid

Date Received: 05/14/26 16:02

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	140989	05/15/26 14:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140865	05/15/26 23:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141054	05/15/26 23:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			141084	05/15/26 21:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 21:53	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	140955	05/15/26 10:47	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140964	05/15/26 23:02	CS	EET MID

Client Sample ID: CS-4 (2.0)

Lab Sample ID: 890-9934-4

Date Collected: 05/14/26 09:56

Matrix: Solid

Date Received: 05/14/26 16:02

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	140989	05/15/26 14:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140865	05/15/26 23:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141054	05/15/26 23:40	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

Client Sample ID: CS-4 (2.0)

Lab Sample ID: 890-9934-4

Date Collected: 05/14/26 09:56

Matrix: Solid

Date Received: 05/14/26 16:02

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			141084	05/15/26 22:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 22:08	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	140955	05/15/26 10:47	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140964	05/15/26 23:07	CS	EET MID

Client Sample ID: CS-5 (2.0)

Lab Sample ID: 890-9934-5

Date Collected: 05/14/26 10:00

Matrix: Solid

Date Received: 05/14/26 16:02

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	140989	05/15/26 14:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140865	05/16/26 00:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141054	05/16/26 00:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			141084	05/15/26 22:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 22:23	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	140955	05/15/26 10:47	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140964	05/15/26 23:12	CS	EET MID

Client Sample ID: CS-6 (2.0)

Lab Sample ID: 890-9934-6

Date Collected: 05/14/26 10:04

Matrix: Solid

Date Received: 05/14/26 16:02

Prep 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	140989	05/15/26 14:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140865	05/16/26 00:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141054	05/16/26 00:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			141084	05/15/26 22:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 22:38	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	140955	05/15/26 10:47	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140964	05/15/26 23:17	CS	EET MID

Client Sample ID: CS-7 (2.0)

Lab Sample ID: 890-9934-7

Date Collected: 05/14/26 13:38

Matrix: Solid

Date Received: 05/14/26 16:02

Prep 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	140989	05/15/26 14:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140865	05/16/26 00:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141054	05/16/26 00:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			141084	05/15/26 22:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 22:55	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

Client Sample ID: CS-7 (2.0)

Date Collected: 05/14/26 13:38

Date Received: 05/14/26 16:02

Lab Sample ID: 890-9934-7

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			4.95 g	50 mL	140955	05/15/26 10:47	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140964	05/15/26 23:22	CS	EET MID

Client Sample ID: CS-8 (2.0)

Date Collected: 05/14/26 13:42

Date Received: 05/14/26 16:02

Lab Sample ID: 890-9934-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	140891	05/14/26 16:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141008	05/16/26 01:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141054	05/16/26 01:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			141084	05/15/26 23:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 23:10	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	140955	05/15/26 10:47	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140964	05/15/26 23:27	CS	EET MID

Client Sample ID: CS-9 (2.0)

Date Collected: 05/14/26 13:46

Date Received: 05/14/26 16:02

Lab Sample ID: 890-9934-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	140891	05/14/26 16:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141008	05/16/26 01:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141054	05/16/26 01:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			141084	05/15/26 23:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	140907	05/14/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140935	05/15/26 23:25	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	140955	05/15/26 10:47	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140964	05/15/26 23:32	CS	EET MID

Laboratory References:

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

Eurofins Carlsbad

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T 104704400. 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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Carmona Resources

Job ID: 890-9934-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 890-9934-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9934-1	CS-1 (2.0)	Solid	05/14/26 09:44	05/14/26 16:02	New Mexico
890-9934-2	CS-2 (2.0)	Solid	05/14/26 09:48	05/14/26 16:02	New Mexico
890-9934-3	CS-3 (2.0)	Solid	05/14/26 09:52	05/14/26 16:02	New Mexico
890-9934-4	CS-4 (2.0)	Solid	05/14/26 09:56	05/14/26 16:02	New Mexico
890-9934-5	CS-5 (2.0)	Solid	05/14/26 10:00	05/14/26 16:02	New Mexico
890-9934-6	CS-6 (2.0)	Solid	05/14/26 10:04	05/14/26 16:02	New Mexico
890-9934-7	CS-7 (2.0)	Solid	05/14/26 13:38	05/14/26 16:02	New Mexico
890-9934-8	CS-8 (2.0)	Solid	05/14/26 13:42	05/14/26 16:02	New Mexico
890-9934-9	CS-9 (2.0)	Solid	05/14/26 13:46	05/14/26 16:02	New Mexico



Chain of Custody



390-9934 Chain of Custody

Page 1 of 1

Project Manager: Ashton Thielke		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: 432-813-8988		Email: ThielkeA@carmonaresources.com			
Project Name: Cotton Draw Section 4 SAT (04.07.2026)		Turn Around		Pres. Code	
Project Number: 3242		☐ Routine ☒ Rush			
Project Location: Lea County, New Mexico		Due Date: 48 hr			
Sampler's Name: RP					
PO #:					
SAMPLE RECEIPT		Temp Blank: Yes No		Wet Ice: Yes No	
Received Intact: Yes No		Thermometer ID: 11000		Time: 1:00	
Cooler Custody Seals: Yes No		Correction Factor: -0.2			
Sample Custody Seals: Yes No		Temperature Reading: 1.6			
Total Containers: 1.4		Corrected Temperature: 1.4			
Sample Identification		Date		Time	
CS-1 (2.0')		5/14/2026		9:44	
CS-2 (2.0')		5/14/2026		9:48	
CS-3 (2.0')		5/14/2026		9:52	
CS-4 (2.0')		5/14/2026		9:56	
CS-5 (2.0')		5/14/2026		10:00	
CS-6 (2.0')		5/14/2026		10:04	
CS-7 (2.0')		5/14/2026		1:38	
CS-8 (2.0')		5/14/2026		1:42	
CS-9 (2.0')		5/14/2026		1:46	
Comments:					
Relinquished by: (Signature)		Date/Time		Received by: (Signature)	
		16:02 5/14		16:02 5/14	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9934-1

SDG Number: Lea County New Mexico

Login Number: 9934

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9934-1

SDG Number: Lea County New Mexico

Login Number: 9934

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 05/15/26 08:11 AM

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 5/20/2026 1:29:37 PM

JOB DESCRIPTION

Cotton Draw Section 4 SAT (04.07.2026)
Lea County New Mexico

JOB NUMBER

880-72415-1

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
5/20/2026 1:29:37 PM

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

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Laboratory Job ID: 880-72415-1
SDG: Lea County New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	6
Client Sample Results	8
Surrogate Summary	31
QC Sample Results	33
QC Association Summary	43
Lab Chronicle	51
Certification Summary	61
Method Summary	62
Sample Summary	63
Chain of Custody	64
Receipt Checklists	67

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea 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
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
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Definitions/Glossary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Case Narrative

Client: Carmona Resources
Project: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1

Job ID: 880-72415-1

Eurofins Midland

Job Narrative 880-72415-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 5/18/2026 12:21 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 -6.4°C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-141116 and analytical batch 880-141025 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside the upper control limit: CS-20 (1.5') (880-72415-11). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-141106/2-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS-28 (1.5') (880-72415-19). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS-19 (1.5') (880-72415-10). Evidence of matrix interferences is not obvious.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-141106 and analytical batch 880-141247 was outside the upper control limits.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS-11 (1.5') (880-72415-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-141105 and analytical batch 880-141249 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-141153 and analytical batch 880-141159 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

Case Narrative

Client: Carmona Resources
Project: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1

Job ID: 880-72415-1 (Continued) **Eurofins Midland**

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-72415-1

Date Collected: 05/15/26 08:46

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/18/26 23:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/18/26 23:14	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		05/18/26 15:03	05/18/26 23:14	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/18/26 15:03	05/18/26 23:14	1
o-Xylene	<0.00200	U F1 F2	0.00200		mg/Kg		05/18/26 15:03	05/18/26 23:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/18/26 15:03	05/18/26 23:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/18/26 15:03	05/18/26 23:14	1
1,4-Difluorobenzene (Surr)	109		70 - 130	05/18/26 15:03	05/18/26 23:14	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			05/18/26 23:14	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			05/20/26 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	<49.9	U	49.9		mg/Kg		05/18/26 14:15	05/20/26 05:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/18/26 14:15	05/20/26 05:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/18/26 14:15	05/20/26 05:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	05/18/26 14:15	05/20/26 05:13	1
o-Terphenyl (Surr)	115		70 - 130	05/18/26 14:15	05/20/26 05:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6680	F1	101		mg/Kg			05/19/26 10:58	10

Client Sample ID: CS-11 (1.5')

Lab Sample ID: 880-72415-2

Date Collected: 05/15/26 08:48

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/18/26 23:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/18/26 23:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/18/26 23:35	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/18/26 15:03	05/18/26 23:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/18/26 23:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/18/26 15:03	05/18/26 23:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	05/18/26 15:03	05/18/26 23:35	1
1,4-Difluorobenzene (Surr)	114		70 - 130	05/18/26 15:03	05/18/26 23:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-11 (1.5')

Lab Sample ID: 880-72415-2

Date Collected: 05/15/26 08:48

Matrix: Solid

Date Received: 05/18/26 12:21

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			05/18/26 23:35	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			05/20/26 05:34	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		05/18/26 14:15	05/20/26 05:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/18/26 14:15	05/20/26 05:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/18/26 14:15	05/20/26 05:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	66	S1-	70 - 130				05/18/26 14:15	05/20/26 05:34	1
o-Terphenyl (Surr)	79		70 - 130				05/18/26 14:15	05/20/26 05:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	816		10.0		mg/Kg			05/19/26 11:13	1

Client Sample ID: CS-12 (1.5')

Lab Sample ID: 880-72415-3

Date Collected: 05/15/26 08:50

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/18/26 23:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:03	05/18/26 23:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:03	05/18/26 23:55	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/18/26 15:03	05/18/26 23:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:03	05/18/26 23:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/18/26 15:03	05/18/26 23:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				05/18/26 15:03	05/18/26 23:55	1
1,4-Difluorobenzene (Surr)	108		70 - 130				05/18/26 15:03	05/18/26 23:55	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			05/18/26 23:55	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			05/20/26 05:55	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		05/18/26 14:15	05/20/26 05:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/18/26 14:15	05/20/26 05:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-12 (1.5')

Lab Sample ID: 880-72415-3

Date Collected: 05/15/26 08:50

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 14:15	05/20/26 05:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130				05/18/26 14:15	05/20/26 05:55	1
o-Terphenyl (Surr)	90		70 - 130				05/18/26 14:15	05/20/26 05:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1060		10.0		mg/Kg			05/19/26 11:19	1

Client Sample ID: CS-13 (1.5')

Lab Sample ID: 880-72415-4

Date Collected: 05/15/26 08:52

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/19/26 00:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:03	05/19/26 00:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:03	05/19/26 00:16	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/18/26 15:03	05/19/26 00:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:03	05/19/26 00:16	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/18/26 15:03	05/19/26 00:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				05/18/26 15:03	05/19/26 00:16	1
1,4-Difluorobenzene (Surr)	113		70 - 130				05/18/26 15:03	05/19/26 00:16	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			05/19/26 00:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/20/26 06:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 06:15	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 06:15	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 06:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130				05/18/26 14:15	05/20/26 06:15	1
o-Terphenyl (Surr)	122		70 - 130				05/18/26 14:15	05/20/26 06:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1560		49.9		mg/Kg			05/19/26 13:22	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-14 (1.5')

Lab Sample ID: 880-72415-5

Date Collected: 05/15/26 08:54

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/19/26 00:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 00:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 00:37	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		05/18/26 15:03	05/19/26 00:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 00:37	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/18/26 15:03	05/19/26 00:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	05/18/26 15:03	05/19/26 00:37	1
1,4-Difluorobenzene (Surr)	110		70 - 130	05/18/26 15:03	05/19/26 00:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/19/26 00:37	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			05/20/26 06:35	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	50.1		mg/Kg		05/18/26 14:15	05/20/26 06:35	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 06:35	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 06:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	05/18/26 14:15	05/20/26 06:35	1
o-Terphenyl (Surr)	118		70 - 130	05/18/26 14:15	05/20/26 06:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1340		9.92		mg/Kg			05/19/26 11:29	1

Client Sample ID: CS-15 (1.5')

Lab Sample ID: 880-72415-6

Date Collected: 05/15/26 08:56

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/19/26 00:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:03	05/19/26 00:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:03	05/19/26 00:57	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/18/26 15:03	05/19/26 00:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:03	05/19/26 00:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/18/26 15:03	05/19/26 00:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	05/18/26 15:03	05/19/26 00:57	1
1,4-Difluorobenzene (Surr)	115		70 - 130	05/18/26 15:03	05/19/26 00:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-15 (1.5')

Lab Sample ID: 880-72415-6

Date Collected: 05/15/26 08:56

Matrix: Solid

Date Received: 05/18/26 12:21

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			05/19/26 00:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/20/26 06:55	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	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 06:55	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 06:55	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 06:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130				05/18/26 14:15	05/20/26 06:55	1
o-Terphenyl (Surr)	118		70 - 130				05/18/26 14:15	05/20/26 06:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1180		10.0		mg/Kg			05/19/26 11:44	1

Client Sample ID: CS-16 (1.5')

Lab Sample ID: 880-72415-7

Date Collected: 05/15/26 08:58

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/19/26 01:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 01:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 01:18	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/18/26 15:03	05/19/26 01:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 01:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/18/26 15:03	05/19/26 01:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				05/18/26 15:03	05/19/26 01:18	1
1,4-Difluorobenzene (Surr)	108		70 - 130				05/18/26 15:03	05/19/26 01:18	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			05/19/26 01:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/20/26 07:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/18/26 14:15	05/20/26 07:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/18/26 14:15	05/20/26 07:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-16 (1.5')

Lab Sample ID: 880-72415-7

Date Collected: 05/15/26 08:58

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 14:15	05/20/26 07:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130				05/18/26 14:15	05/20/26 07:36	1
o-Terphenyl (Surr)	116		70 - 130				05/18/26 14:15	05/20/26 07:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	918		10.0		mg/Kg			05/19/26 11:49	1

Client Sample ID: CS-17 (1.5')

Lab Sample ID: 880-72415-8

Date Collected: 05/15/26 09:00

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/19/26 01:38	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/18/26 15:03	05/19/26 01:38	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/18/26 15:03	05/19/26 01:38	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/18/26 15:03	05/19/26 01:38	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/18/26 15:03	05/19/26 01:38	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/18/26 15:03	05/19/26 01:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				05/18/26 15:03	05/19/26 01:38	1
1,4-Difluorobenzene (Surr)	111		70 - 130				05/18/26 15:03	05/19/26 01:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/19/26 01:38	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			05/20/26 07:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/18/26 14:15	05/20/26 07:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/18/26 14:15	05/20/26 07:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/18/26 14:15	05/20/26 07:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				05/18/26 14:15	05/20/26 07:56	1
o-Terphenyl (Surr)	111		70 - 130				05/18/26 14:15	05/20/26 07:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7050		99.6		mg/Kg			05/19/26 11:55	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-18 (1.5')

Lab Sample ID: 880-72415-9

Date Collected: 05/15/26 09:02

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/19/26 01:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 01:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 01:59	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/18/26 15:03	05/19/26 01:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 01:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/18/26 15:03	05/19/26 01:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	05/18/26 15:03	05/19/26 01:59	1
1,4-Difluorobenzene (Surr)	110		70 - 130	05/18/26 15:03	05/19/26 01:59	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			05/19/26 01:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/20/26 08:16	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		05/18/26 14:15	05/20/26 08:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/18/26 14:15	05/20/26 08:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/18/26 14:15	05/20/26 08:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130	05/18/26 14:15	05/20/26 08:16	1
o-Terphenyl (Surr)	123		70 - 130	05/18/26 14:15	05/20/26 08:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	892		9.92		mg/Kg			05/19/26 12:00	1

Client Sample ID: CS-19 (1.5')

Lab Sample ID: 880-72415-10

Date Collected: 05/15/26 09:04

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/19/26 02:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:03	05/19/26 02:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:03	05/19/26 02:19	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/18/26 15:03	05/19/26 02:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:03	05/19/26 02:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/18/26 15:03	05/19/26 02:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	05/18/26 15:03	05/19/26 02:19	1
1,4-Difluorobenzene (Surr)	103		70 - 130	05/18/26 15:03	05/19/26 02:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-19 (1.5')

Lab Sample ID: 880-72415-10

Date Collected: 05/15/26 09:04

Matrix: Solid

Date Received: 05/18/26 12:21

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			05/19/26 02:19	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			05/20/26 08:36	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		05/18/26 14:15	05/20/26 08:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/18/26 14:15	05/20/26 08:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/18/26 14:15	05/20/26 08:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	121		70 - 130				05/18/26 14:15	05/20/26 08:36	1
o-Terphenyl (Surr)	137	S1+	70 - 130				05/18/26 14:15	05/20/26 08:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1110		10.0		mg/Kg			05/19/26 12:05	1

Client Sample ID: CS-20 (1.5')

Lab Sample ID: 880-72415-11

Date Collected: 05/15/26 09:06

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/19/26 03:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 03:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 03:54	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/18/26 15:03	05/19/26 03:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 03:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/18/26 15:03	05/19/26 03:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				05/18/26 15:03	05/19/26 03:54	1
1,4-Difluorobenzene (Surr)	111		70 - 130				05/18/26 15:03	05/19/26 03:54	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			05/19/26 03:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/20/26 08:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 08:57	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 08:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-20 (1.5')

Lab Sample ID: 880-72415-11

Date Collected: 05/15/26 09:06

Matrix: Solid

Date Received: 05/18/26 12:21

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)	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 08:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				05/18/26 14:15	05/20/26 08:57	1
o-Terphenyl (Surr)	114		70 - 130				05/18/26 14:15	05/20/26 08:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1360		9.92		mg/Kg			05/19/26 12:10	1

Client Sample ID: CS-21 (1.5')

Lab Sample ID: 880-72415-12

Date Collected: 05/15/26 09:08

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/19/26 04:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:03	05/19/26 04:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:03	05/19/26 04:15	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/18/26 15:03	05/19/26 04:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:03	05/19/26 04:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/18/26 15:03	05/19/26 04:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				05/18/26 15:03	05/19/26 04:15	1
1,4-Difluorobenzene (Surr)	111		70 - 130				05/18/26 15:03	05/19/26 04:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/19/26 04:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/20/26 09:17	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	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 09:17	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 09:17	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 09:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				05/18/26 14:15	05/20/26 09:17	1
o-Terphenyl (Surr)	89		70 - 130				05/18/26 14:15	05/20/26 09:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		9.90		mg/Kg			05/19/26 12:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-22 (1.5')

Lab Sample ID: 880-72415-13

Date Collected: 05/15/26 09:10

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/19/26 04:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:03	05/19/26 04:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:03	05/19/26 04:36	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/18/26 15:03	05/19/26 04:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:03	05/19/26 04:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/18/26 15:03	05/19/26 04:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	05/18/26 15:03	05/19/26 04:36	1
1,4-Difluorobenzene (Surr)	108		70 - 130	05/18/26 15:03	05/19/26 04:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/19/26 04:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			05/20/26 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		05/18/26 14:15	05/20/26 09:37	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		05/18/26 14:15	05/20/26 09:37	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		05/18/26 14:15	05/20/26 09:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130	05/18/26 14:15	05/20/26 09:37	1
o-Terphenyl (Surr)	122		70 - 130	05/18/26 14:15	05/20/26 09:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1260		9.90		mg/Kg			05/19/26 12:30	1

Client Sample ID: CS-23 (1.5')

Lab Sample ID: 880-72415-14

Date Collected: 05/15/26 09:12

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/19/26 04:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 04:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 04:56	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/18/26 15:03	05/19/26 04:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 04:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/18/26 15:03	05/19/26 04:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	05/18/26 15:03	05/19/26 04:56	1
1,4-Difluorobenzene (Surr)	108		70 - 130	05/18/26 15:03	05/19/26 04:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-23 (1.5')

Lab Sample ID: 880-72415-14

Date Collected: 05/15/26 09:12

Matrix: Solid

Date Received: 05/18/26 12:21

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			05/19/26 04:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/20/26 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 09:57	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 09:57	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 09:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130				05/18/26 14:15	05/20/26 09:57	1
o-Terphenyl (Surr)	114		70 - 130				05/18/26 14:15	05/20/26 09:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1190		9.90		mg/Kg			05/19/26 12:46	1

Client Sample ID: CS-24 (1.5')

Lab Sample ID: 880-72415-15

Date Collected: 05/15/26 09:14

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/19/26 05:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:03	05/19/26 05:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:03	05/19/26 05:17	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/18/26 15:03	05/19/26 05:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:03	05/19/26 05:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/18/26 15:03	05/19/26 05:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				05/18/26 15:03	05/19/26 05:17	1
1,4-Difluorobenzene (Surr)	111		70 - 130				05/18/26 15:03	05/19/26 05:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/19/26 05:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/20/26 10:17	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	<50.2	U	50.2		mg/Kg		05/18/26 14:15	05/20/26 10:17	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/18/26 14:15	05/20/26 10:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-24 (1.5')

Lab Sample ID: 880-72415-15

Date Collected: 05/15/26 09:14

Matrix: Solid

Date Received: 05/18/26 12:21

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/18/26 14:15	05/20/26 10:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				05/18/26 14:15	05/20/26 10:17	1
o-Terphenyl (Surr)	104		70 - 130				05/18/26 14:15	05/20/26 10:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1030		9.92		mg/Kg			05/19/26 12:51	1

Client Sample ID: CS-25 (1.5')

Lab Sample ID: 880-72415-16

Date Collected: 05/15/26 09:16

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/19/26 05:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:03	05/19/26 05:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:03	05/19/26 05:37	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/18/26 15:03	05/19/26 05:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:03	05/19/26 05:37	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/18/26 15:03	05/19/26 05:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				05/18/26 15:03	05/19/26 05:37	1
1,4-Difluorobenzene (Surr)	108		70 - 130				05/18/26 15:03	05/19/26 05:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/19/26 05:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/20/26 10:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 10:37	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 10:37	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/18/26 14:15	05/20/26 10:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130				05/18/26 14:15	05/20/26 10:37	1
o-Terphenyl (Surr)	83		70 - 130				05/18/26 14:15	05/20/26 10:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8120		101		mg/Kg			05/19/26 12:56	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-26 (1.5')

Lab Sample ID: 880-72415-17

Date Collected: 05/15/26 09:18

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/19/26 05:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:03	05/19/26 05:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:03	05/19/26 05:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/18/26 15:03	05/19/26 05:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:03	05/19/26 05:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/18/26 15:03	05/19/26 05:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	05/18/26 15:03	05/19/26 05:58	1
1,4-Difluorobenzene (Surr)	116		70 - 130	05/18/26 15:03	05/19/26 05:58	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			05/19/26 05:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/20/26 03:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/18/26 14:18	05/20/26 03:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/18/26 14:18	05/20/26 03:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/18/26 14:18	05/20/26 03:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130	05/18/26 14:18	05/20/26 03:12	1
o-Terphenyl (Surr)	125		70 - 130	05/18/26 14:18	05/20/26 03:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	968		9.98		mg/Kg			05/19/26 13:01	1

Client Sample ID: CS-27 (1.5')

Lab Sample ID: 880-72415-18

Date Collected: 05/15/26 09:20

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/19/26 06:19	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:03	05/19/26 06:19	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:03	05/19/26 06:19	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/18/26 15:03	05/19/26 06:19	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:03	05/19/26 06:19	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/18/26 15:03	05/19/26 06:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	05/18/26 15:03	05/19/26 06:19	1
1,4-Difluorobenzene (Surr)	109		70 - 130	05/18/26 15:03	05/19/26 06:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-27 (1.5')

Lab Sample ID: 880-72415-18

Date Collected: 05/15/26 09:20

Matrix: Solid

Date Received: 05/18/26 12:21

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			05/19/26 06:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/20/26 04:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/18/26 14:18	05/20/26 04:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/18/26 14:18	05/20/26 04:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/18/26 14:18	05/20/26 04:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130				05/18/26 14:18	05/20/26 04:12	1
o-Terphenyl (Surr)	127		70 - 130				05/18/26 14:18	05/20/26 04:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1150		10.0		mg/Kg			05/19/26 13:06	1

Client Sample ID: CS-28 (1.5')

Lab Sample ID: 880-72415-19

Date Collected: 05/15/26 09:22

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/19/26 06:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 06:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 06:39	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/18/26 15:03	05/19/26 06:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 06:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/18/26 15:03	05/19/26 06:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				05/18/26 15:03	05/19/26 06:39	1
1,4-Difluorobenzene (Surr)	109		70 - 130				05/18/26 15:03	05/19/26 06:39	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			05/19/26 06:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/20/26 04:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/18/26 14:18	05/20/26 04:33	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/18/26 14:18	05/20/26 04:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-28 (1.5')

Lab Sample ID: 880-72415-19

Date Collected: 05/15/26 09:22

Matrix: Solid

Date Received: 05/18/26 12:21

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)	<50.1	U	50.1		mg/Kg		05/18/26 14:18	05/20/26 04:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	133	S1+	70 - 130				05/18/26 14:18	05/20/26 04:33	1
o-Terphenyl (Surr)	131	S1+	70 - 130				05/18/26 14:18	05/20/26 04:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1500		50.1		mg/Kg			05/19/26 16:06	5

Client Sample ID: CS-29 (1.5')

Lab Sample ID: 880-72415-20

Date Collected: 05/15/26 09:24

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:03	05/19/26 07:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 07:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 07:00	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/18/26 15:03	05/19/26 07:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/19/26 07:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/18/26 15:03	05/19/26 07:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				05/18/26 15:03	05/19/26 07:00	1
1,4-Difluorobenzene (Surr)	108		70 - 130				05/18/26 15:03	05/19/26 07:00	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			05/19/26 07:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/20/26 04:53	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		05/18/26 14:18	05/20/26 04:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/18/26 14:18	05/20/26 04:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/18/26 14:18	05/20/26 04:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130				05/18/26 14:18	05/20/26 04:53	1
o-Terphenyl (Surr)	119		70 - 130				05/18/26 14:18	05/20/26 04:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1220		10.0		mg/Kg			05/19/26 13:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-30 (1.5')

Lab Sample ID: 880-72415-21

Date Collected: 05/15/26 09:26

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/18/26 23:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/18/26 23:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/18/26 23:08	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/18/26 15:06	05/18/26 23:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/18/26 23:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/18/26 15:06	05/18/26 23:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/18/26 15:06	05/18/26 23:08	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/18/26 15:06	05/18/26 23:08	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			05/18/26 23:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/20/26 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	<50.1	U	50.1		mg/Kg		05/18/26 14:18	05/20/26 05:13	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/18/26 14:18	05/20/26 05:13	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/18/26 14:18	05/20/26 05:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130	05/18/26 14:18	05/20/26 05:13	1
o-Terphenyl (Surr)	120		70 - 130	05/18/26 14:18	05/20/26 05:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	828		10.0		mg/Kg			05/19/26 11:34	1

Client Sample ID: CS-31 (1.5')

Lab Sample ID: 880-72415-22

Date Collected: 05/15/26 09:28

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/18/26 23:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/18/26 23:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/18/26 23:29	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/18/26 15:06	05/18/26 23:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/18/26 23:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/18/26 15:06	05/18/26 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	05/18/26 15:06	05/18/26 23:29	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/18/26 15:06	05/18/26 23:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-31 (1.5')

Lab Sample ID: 880-72415-22

Date Collected: 05/15/26 09:28

Matrix: Solid

Date Received: 05/18/26 12:21

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			05/18/26 23:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/20/26 05:34	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	<50.1	U	50.1		mg/Kg		05/18/26 14:18	05/20/26 05:34	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/18/26 14:18	05/20/26 05:34	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/18/26 14:18	05/20/26 05:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130				05/18/26 14:18	05/20/26 05:34	1
o-Terphenyl (Surr)	124		70 - 130				05/18/26 14:18	05/20/26 05:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1320		10.0		mg/Kg			05/19/26 11:49	1

Client Sample ID: CS-32 (1.5')

Lab Sample ID: 880-72415-23

Date Collected: 05/15/26 09:30

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/18/26 23:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:06	05/18/26 23:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:06	05/18/26 23:49	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/18/26 15:06	05/18/26 23:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:06	05/18/26 23:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/18/26 15:06	05/18/26 23:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130				05/18/26 15:06	05/18/26 23:49	1
1,4-Difluorobenzene (Surr)	96		70 - 130				05/18/26 15:06	05/18/26 23:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/18/26 23:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/20/26 05:55	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	<50.2	U	50.2		mg/Kg		05/18/26 14:18	05/20/26 05:55	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/18/26 14:18	05/20/26 05:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-32 (1.5')

Lab Sample ID: 880-72415-23

Date Collected: 05/15/26 09:30

Matrix: Solid

Date Received: 05/18/26 12:21

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/18/26 14:18	05/20/26 05:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				05/18/26 14:18	05/20/26 05:55	1
o-Terphenyl (Surr)	104		70 - 130				05/18/26 14:18	05/20/26 05:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1260		49.6		mg/Kg			05/19/26 11:54	5

Client Sample ID: CS-33 (1.5')

Lab Sample ID: 880-72415-24

Date Collected: 05/15/26 09:32

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/19/26 00:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:06	05/19/26 00:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:06	05/19/26 00:10	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/18/26 15:06	05/19/26 00:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:06	05/19/26 00:10	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/18/26 15:06	05/19/26 00:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				05/18/26 15:06	05/19/26 00:10	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/18/26 15:06	05/19/26 00:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/19/26 00:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/20/26 06:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/18/26 14:18	05/20/26 06:15	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/18/26 14:18	05/20/26 06:15	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/18/26 14:18	05/20/26 06:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				05/18/26 14:18	05/20/26 06:15	1
o-Terphenyl (Surr)	104		70 - 130				05/18/26 14:18	05/20/26 06:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6710		99.8		mg/Kg			05/19/26 11:59	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-34 (1.5')

Lab Sample ID: 880-72415-25

Date Collected: 05/15/26 09:34

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/19/26 00:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 00:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 00:30	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		05/18/26 15:06	05/19/26 00:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 00:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/18/26 15:06	05/19/26 00:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/18/26 15:06	05/19/26 00:30	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/18/26 15:06	05/19/26 00:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/19/26 00:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/20/26 06:35	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	49.9		mg/Kg		05/18/26 14:18	05/20/26 06:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/18/26 14:18	05/20/26 06:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/18/26 14:18	05/20/26 06:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130	05/18/26 14:18	05/20/26 06:35	1
o-Terphenyl (Surr)	125		70 - 130	05/18/26 14:18	05/20/26 06:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1170		9.92		mg/Kg			05/19/26 12:04	1

Client Sample ID: CS-35 (1.5')

Lab Sample ID: 880-72415-26

Date Collected: 05/15/26 09:36

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/19/26 00:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:06	05/19/26 00:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:06	05/19/26 00:51	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/18/26 15:06	05/19/26 00:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:06	05/19/26 00:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/18/26 15:06	05/19/26 00:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	05/18/26 15:06	05/19/26 00:51	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/18/26 15:06	05/19/26 00:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-35 (1.5')

Lab Sample ID: 880-72415-26

Date Collected: 05/15/26 09:36

Matrix: Solid

Date Received: 05/18/26 12:21

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			05/19/26 00:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/20/26 06:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/18/26 14:18	05/20/26 06:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/18/26 14:18	05/20/26 06:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/18/26 14:18	05/20/26 06:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130				05/18/26 14:18	05/20/26 06:55	1
o-Terphenyl (Surr)	122		70 - 130				05/18/26 14:18	05/20/26 06:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6930		101		mg/Kg			05/19/26 12:19	10

Client Sample ID: CS-36 (1.5')

Lab Sample ID: 880-72415-27

Date Collected: 05/15/26 09:38

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/19/26 01:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 01:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 01:11	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/18/26 15:06	05/19/26 01:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 01:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/18/26 15:06	05/19/26 01:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				05/18/26 15:06	05/19/26 01:11	1
1,4-Difluorobenzene (Surr)	94		70 - 130				05/18/26 15:06	05/19/26 01:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/19/26 01:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/19/26 12:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/18/26 14:21	05/19/26 12:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/18/26 14:21	05/19/26 12:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-36 (1.5')

Lab Sample ID: 880-72415-27

Date Collected: 05/15/26 09:38

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 14:21	05/19/26 12:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				05/18/26 14:21	05/19/26 12:50	1
o-Terphenyl (Surr)	98		70 - 130				05/18/26 14:21	05/19/26 12:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1110		9.96		mg/Kg			05/19/26 12:24	1

Client Sample ID: CS-37 (1.5')

Lab Sample ID: 880-72415-28

Date Collected: 05/15/26 09:40

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/19/26 01:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/18/26 15:06	05/19/26 01:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/18/26 15:06	05/19/26 01:32	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/18/26 15:06	05/19/26 01:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/18/26 15:06	05/19/26 01:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/18/26 15:06	05/19/26 01:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				05/18/26 15:06	05/19/26 01:32	1
1,4-Difluorobenzene (Surr)	93		70 - 130				05/18/26 15:06	05/19/26 01:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/19/26 01:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/19/26 13:05	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	<50.1	U	50.1		mg/Kg		05/18/26 14:21	05/19/26 13:05	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/18/26 14:21	05/19/26 13:05	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/18/26 14:21	05/19/26 13:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				05/18/26 14:21	05/19/26 13:05	1
o-Terphenyl (Surr)	93		70 - 130				05/18/26 14:21	05/19/26 13:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	797		9.98		mg/Kg			05/19/26 12:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-38 (1.5')

Lab Sample ID: 880-72415-29

Date Collected: 05/15/26 09:42

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/19/26 01:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 01:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 01:52	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/18/26 15:06	05/19/26 01:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 01:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/18/26 15:06	05/19/26 01:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/18/26 15:06	05/19/26 01:52	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/18/26 15:06	05/19/26 01:52	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			05/19/26 01:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/19/26 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		05/18/26 14:21	05/19/26 13:20	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/18/26 14:21	05/19/26 13:20	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/18/26 14:21	05/19/26 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	05/18/26 14:21	05/19/26 13:20	1
o-Terphenyl (Surr)	93		70 - 130	05/18/26 14:21	05/19/26 13:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6550		100		mg/Kg			05/19/26 12:34	10

Client Sample ID: CS-39 (1.5')

Lab Sample ID: 880-72415-30

Date Collected: 05/15/26 09:44

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/19/26 02:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:06	05/19/26 02:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:06	05/19/26 02:13	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/18/26 15:06	05/19/26 02:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:06	05/19/26 02:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/18/26 15:06	05/19/26 02:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	05/18/26 15:06	05/19/26 02:13	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/18/26 15:06	05/19/26 02:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-39 (1.5')

Lab Sample ID: 880-72415-30

Date Collected: 05/15/26 09:44

Matrix: Solid

Date Received: 05/18/26 12:21

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			05/19/26 02:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/19/26 13:35	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	50.1		mg/Kg		05/18/26 14:21	05/19/26 13:35	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/18/26 14:21	05/19/26 13:35	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/18/26 14:21	05/19/26 13:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130	05/18/26 14:21	05/19/26 13:35	1
o-Terphenyl (Surr)	119		70 - 130	05/18/26 14:21	05/19/26 13:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		10.0		mg/Kg			05/19/26 12:39	1

Surrogate Summary

Client: Carmona Resources

Job ID: 880-72415-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-72415-1	CS-10 (1.5')	109	109
880-72415-1 MS	CS-10 (1.5')	88	89
880-72415-1 MSD	CS-10 (1.5')	123	105
880-72415-2	CS-11 (1.5')	128	114
880-72415-3	CS-12 (1.5')	120	108
880-72415-4	CS-13 (1.5')	124	113
880-72415-5	CS-14 (1.5')	121	110
880-72415-6	CS-15 (1.5')	125	115
880-72415-7	CS-16 (1.5')	123	108
880-72415-8	CS-17 (1.5')	121	111
880-72415-9	CS-18 (1.5')	123	110
880-72415-10	CS-19 (1.5')	111	103
880-72415-11	CS-20 (1.5')	133 S1+	111
880-72415-12	CS-21 (1.5')	107	111
880-72415-13	CS-22 (1.5')	121	108
880-72415-14	CS-23 (1.5')	118	108
880-72415-15	CS-24 (1.5')	108	111
880-72415-16	CS-25 (1.5')	117	108
880-72415-17	CS-26 (1.5')	119	116
880-72415-18	CS-27 (1.5')	125	109
880-72415-19	CS-28 (1.5')	123	109
880-72415-20	CS-29 (1.5')	117	108
880-72415-21	CS-30 (1.5')	96	93
880-72415-21 MS	CS-30 (1.5')	91	100
880-72415-21 MSD	CS-30 (1.5')	94	100
880-72415-22	CS-31 (1.5')	93	96
880-72415-23	CS-32 (1.5')	70	96
880-72415-24	CS-33 (1.5')	93	98
880-72415-25	CS-34 (1.5')	94	94
880-72415-26	CS-35 (1.5')	93	96
880-72415-27	CS-36 (1.5')	93	94
880-72415-28	CS-37 (1.5')	94	93
880-72415-29	CS-38 (1.5')	96	100
880-72415-30	CS-39 (1.5')	91	95
LCS 880-141116/1-A	Lab Control Sample	85	90
LCS 880-141117/1-A	Lab Control Sample	90	99
LCSD 880-141116/2-A	Lab Control Sample Dup	92	101
LCSD 880-141117/2-A	Lab Control Sample Dup	89	100
MB 880-141031/5-A	Method Blank	99	93
MB 880-141062/5-A	Method Blank	110	97
MB 880-141116/5-A	Method Blank	109	98
MB 880-141117/5-A	Method Blank	111	85

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-72415-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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)
880-72383-A-9-E MS	Matrix Spike	112	99
880-72383-A-9-F MSD	Matrix Spike Duplicate	109	96
880-72414-A-1-B MS	Matrix Spike	107	94
880-72414-A-1-C MSD	Matrix Spike Duplicate	90	91
880-72415-1	CS-10 (1.5')	106	115
880-72415-2	CS-11 (1.5')	66 S1-	79
880-72415-3	CS-12 (1.5')	94	90
880-72415-4	CS-13 (1.5')	105	122
880-72415-5	CS-14 (1.5')	108	118
880-72415-6	CS-15 (1.5')	110	118
880-72415-7	CS-16 (1.5')	105	116
880-72415-8	CS-17 (1.5')	108	111
880-72415-9	CS-18 (1.5')	117	123
880-72415-10	CS-19 (1.5')	121	137 S1+
880-72415-11	CS-20 (1.5')	103	114
880-72415-12	CS-21 (1.5')	82	89
880-72415-13	CS-22 (1.5')	112	122
880-72415-14	CS-23 (1.5')	113	114
880-72415-15	CS-24 (1.5')	96	104
880-72415-16	CS-25 (1.5')	76	83
880-72415-17	CS-26 (1.5')	126	125
880-72415-17 MS	CS-26 (1.5')	129	116
880-72415-17 MSD	CS-26 (1.5')	129	116
880-72415-18	CS-27 (1.5')	125	127
880-72415-19	CS-28 (1.5')	133 S1+	131 S1+
880-72415-20	CS-29 (1.5')	118	119
880-72415-21	CS-30 (1.5')	116	120
880-72415-22	CS-31 (1.5')	125	124
880-72415-23	CS-32 (1.5')	106	104
880-72415-24	CS-33 (1.5')	102	104
880-72415-25	CS-34 (1.5')	127	125
880-72415-26	CS-35 (1.5')	126	122
880-72415-27	CS-36 (1.5')	107	98
880-72415-28	CS-37 (1.5')	100	93
880-72415-29	CS-38 (1.5')	100	93
880-72415-30	CS-39 (1.5')	118	119
LCS 880-141105/2-A	Lab Control Sample	85	83
LCS 880-141106/2-A	Lab Control Sample	135 S1+	123
LCS 880-141107/2-A	Lab Control Sample	111	126
LCSD 880-141105/3-A	Lab Control Sample Dup	84	84
LCSD 880-141106/3-A	Lab Control Sample Dup	122	111
LCSD 880-141107/3-A	Lab Control Sample Dup	110	118
MB 880-141105/1-A	Method Blank	87	102
MB 880-141106/1-A	Method Blank	134 S1+	138 S1+
MB 880-141107/1-A	Method Blank	129	121

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-141031/5-A
Matrix: Solid
Analysis Batch: 141026

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 141031

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 11:47	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/18/26 09:02	05/18/26 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 11:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/18/26 09:02	05/18/26 11:47	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				05/18/26 09:02	05/18/26 11:47	1
1,4-Difluorobenzene (Surr)	93		70 - 130				05/18/26 09:02	05/18/26 11:47	1

Lab Sample ID: MB 880-141062/5-A
Matrix: Solid
Analysis Batch: 141025

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 141062

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/18/26 10:29	05/18/26 11:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 10:29	05/18/26 11:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 10:29	05/18/26 11:48	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/18/26 10:29	05/18/26 11:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 10:29	05/18/26 11:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/18/26 10:29	05/18/26 11:48	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				05/18/26 10:29	05/18/26 11:48	1
1,4-Difluorobenzene (Surr)	97		70 - 130				05/18/26 10:29	05/18/26 11:48	1

Lab Sample ID: MB 880-141116/5-A
Matrix: Solid
Analysis Batch: 141025

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 141116

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/18/26 22:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/18/26 22:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/18/26 22:53	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/18/26 15:03	05/18/26 22:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:03	05/18/26 22:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/18/26 15:03	05/18/26 22:53	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				05/18/26 15:03	05/18/26 22:53	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/18/26 15:03	05/18/26 22:53	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-141116/1-A

Matrix: Solid

Analysis Batch: 141025

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 141116

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08127		mg/Kg		81	70 - 130
Toluene	0.100	0.07925		mg/Kg		79	70 - 130
Ethylbenzene	0.100	0.09153		mg/Kg		92	70 - 130
m,p-Xylenes	0.200	0.1662		mg/Kg		83	70 - 130
o-Xylene	0.100	0.07729		mg/Kg		77	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-141116/2-A

Matrix: Solid

Analysis Batch: 141025

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 141116

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09010		mg/Kg		90	70 - 130	10	35
Toluene	0.100	0.08743		mg/Kg		87	70 - 130	10	35
Ethylbenzene	0.100	0.07837		mg/Kg		78	70 - 130	15	35
m,p-Xylenes	0.200	0.1567		mg/Kg		78	70 - 130	6	35
o-Xylene	0.100	0.08143		mg/Kg		81	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-72415-1 MS

Matrix: Solid

Analysis Batch: 141025

Client Sample ID: CS-10 (1.5')

Prep Type: Total/NA

Prep Batch: 141116

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07562		mg/Kg		76	70 - 130
Toluene	<0.00200	U	0.100	0.07484		mg/Kg		75	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.08084		mg/Kg		81	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1511		mg/Kg		76	70 - 130
o-Xylene	<0.00200	U F1 F2	0.100	0.06841	F1	mg/Kg		68	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-72415-1 MSD

Matrix: Solid

Analysis Batch: 141025

Client Sample ID: CS-10 (1.5')

Prep Type: Total/NA

Prep Batch: 141116

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	0.08669		mg/Kg		87	70 - 130	14	35
Toluene	<0.00200	U	0.100	0.08548		mg/Kg		85	70 - 130	13	35
Ethylbenzene	<0.00200	U F1	0.100	0.06558	F1	mg/Kg		66	70 - 130	21	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-72415-1 MSD

Matrix: Solid

Analysis Batch: 141025

Client Sample ID: CS-10 (1.5')

Prep Type: Total/NA

Prep Batch: 141116

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00399	U	0.200	0.1856		mg/Kg		93	70 - 130	20	35
o-Xylene	<0.00200	U F1 F2	0.100	0.1065	F2	mg/Kg		106	70 - 130	44	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	123		70 - 130								
1,4-Difluorobenzene (Surr)	105		70 - 130								

Lab Sample ID: MB 880-141117/5-A

Matrix: Solid

Analysis Batch: 141026

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 141117

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/18/26 22:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/18/26 22:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/18/26 22:46	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/18/26 15:06	05/18/26 22:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/18/26 22:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/18/26 15:06	05/18/26 22:46	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				05/18/26 15:06	05/18/26 22:46	1
1,4-Difluorobenzene (Surr)	85		70 - 130				05/18/26 15:06	05/18/26 22:46	1

Lab Sample ID: LCS 880-141117/1-A

Matrix: Solid

Analysis Batch: 141026

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 141117

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.08603		mg/Kg		86	70 - 130		
Toluene	0.100	0.08372		mg/Kg		84	70 - 130		
Ethylbenzene	0.100	0.08817		mg/Kg		88	70 - 130		
m,p-Xylenes	0.200	0.1704		mg/Kg		85	70 - 130		
o-Xylene	0.100	0.08446		mg/Kg		84	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	90		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: LCSD 880-141117/2-A

Matrix: Solid

Analysis Batch: 141026

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 141117

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08591		mg/Kg		86	70 - 130	0	35
Toluene	0.100	0.08614		mg/Kg		86	70 - 130	3	35
Ethylbenzene	0.100	0.09110		mg/Kg		91	70 - 130	3	35
m,p-Xylenes	0.200	0.1769		mg/Kg		88	70 - 130	4	35
o-Xylene	0.100	0.08764		mg/Kg		88	70 - 130	4	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-72415-21 MS

Matrix: Solid

Analysis Batch: 141026

Client Sample ID: CS-30 (1.5')

Prep Type: Total/NA

Prep Batch: 141117

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.100	0.07498		mg/Kg		75	70 - 130	
Toluene	<0.00200	U	0.100	0.07430		mg/Kg		74	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.07602		mg/Kg		76	70 - 130	
m,p-Xylenes	<0.00399	U	0.200	0.1454		mg/Kg		73	70 - 130	
o-Xylene	<0.00200	U	0.100	0.07218		mg/Kg		72	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-72415-21 MSD

Matrix: Solid

Analysis Batch: 141026

Client Sample ID: CS-30 (1.5')

Prep Type: Total/NA

Prep Batch: 141117

	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	0.07862		mg/Kg		79	70 - 130	5	35	
Toluene	<0.00200	U	0.100	0.07834		mg/Kg		78	70 - 130	5	35	
Ethylbenzene	<0.00200	U	0.100	0.08233		mg/Kg		82	70 - 130	8	35	
m,p-Xylenes	<0.00399	U	0.200	0.1587		mg/Kg		79	70 - 130	9	35	
o-Xylene	<0.00200	U	0.100	0.07806		mg/Kg		78	70 - 130	8	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

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

Lab Sample ID: MB 880-141105/1-A

Matrix: Solid

Analysis Batch: 141249

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 141105

	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		05/18/26 14:15	05/20/26 02:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/18/26 14:15	05/20/26 02:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/18/26 14:15	05/20/26 02:11	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane (Surr)	87		70 - 130	05/18/26 14:15	05/20/26 02:11	1				
o-Terphenyl (Surr)	102		70 - 130	05/18/26 14:15	05/20/26 02:11	1				

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-141105/2-A

Matrix: Solid

Analysis Batch: 141249

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 141105

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	882.8		mg/Kg		88		70 - 130	
Diesel Range Organics (Over C10-C28)			1000	862.5		mg/Kg		86		70 - 130	
	</										

Lab Sample ID: LCSD 880-141105/3-A

Matrix: Solid

Analysis Batch: 141249

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 141105

Table 1: LCSD Data										
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec	RPD	Limit	
							Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	866.0		mg/Kg		87	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	1000	863.3		mg/Kg		86	70 - 130	0	20	
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
1-Chlorooctane (Surr)	84		70 - 130							
o-Terphenyl (Surr)	84		70 - 130							

Lab Sample ID: 880-72383-A-9-E MS

Matrix: Solid

Analysis Batch: 141249

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 141105

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	997	728.0		mg/Kg		70	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.1	U F1	997	740.2		mg/Kg		71	70 - 130		

Lab Sample ID: 880-72383-A-9-F MSD

Matrix: Solid

Analysis Batch: 141249

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 141105

	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	<50.1	U	997	875.6		mg/Kg		85	70 - 130	18	20	
Diesel Range Organics (Over C10-C28)	<50.1	U F1	997	718.8	F1	mg/Kg		69	70 - 130	3	20	
				</								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-72383-A-9-F MSD

Matrix: Solid

Analysis Batch: 141249

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 141105

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	96		70 - 130

Lab Sample ID: MB 880-141106/1-A

Matrix: Solid

Analysis Batch: 141247

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 141106

	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		05/18/26 14:18	05/20/26 02:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/18/26 14:18	05/20/26 02:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/18/26 14:18	05/20/26 02:11	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	134	S1+	70 - 130				05/18/26 14:18	05/20/26 02:11	1	
<i>o</i> -Terphenyl (Surr)	138	S1+	70 - 130				05/18/26 14:18	05/20/26 02:11	1	

Lab Sample ID: LCS 880-141106/2-A

Matrix: Solid

Analysis Batch: 141247

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 141106

		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	1034		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1277		mg/Kg		128	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	135	S1+	70 - 130							
<i>o</i> -Terphenyl (Surr)	123		70 - 130							

Lab Sample ID: LCSD 880-141106/3-A

Matrix: Solid

Analysis Batch: 141247

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 141106

		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10		1000	947.3		mg/Kg		95	70 - 130	9	20
Diesel Range Organics (Over C10-C28)		1000	1199		mg/Kg		120	70 - 130	6	20
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	122		70 - 130							
<i>o</i> -Terphenyl (Surr)	111		70 - 130							

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-72415-17 MS

Matrix: Solid

Analysis Batch: 141247

Client Sample ID: CS-26 (1.5')

Prep Type: Total/NA

Prep Batch: 141106

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	785.7		mg/Kg		74	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	888.7		mg/Kg		89	70 - 130		

Lab Sample ID: 880-72415-17 MSD

Matrix: Solid

Analysis Batch: 141247

Client Sample ID: CS-26 (1.5')

Prep Type: Total/NA

Prep Batch: 141106

	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	1000	797.6		mg/Kg		75	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	914.8		mg/Kg		91	70 - 130	3	20

Lab Sample ID: MB 880-141107/1-A

Matrix: Solid

Analysis Batch: 141167

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 141107

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		05/18/26 14:21	05/19/26 07:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/18/26 14:21	05/19/26 07:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/18/26 14:21	05/19/26 07:26	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	129		70 - 130				05/18/26 14:21	05/19/26 07:26	1
o-Terphenyl (Surr)	121		70 - 130				05/18/26 14:21	05/19/26 07:26	1

Lab Sample ID: LCS 880-141107/2-A

Matrix: Solid

Analysis Batch: 141167

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 141107

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	921.6		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1044		mg/Kg		104	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-141107/2-A

Matrix: Solid

Analysis Batch: 141167

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 141107

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	126		70 - 130

Lab Sample ID: LCSD 880-141107/3-A

Matrix: Solid

Analysis Batch: 141167

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 141107

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	945.4		mg/Kg		95	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1001		mg/Kg		100	70 - 130	4	20
Surrogate		LCSD	LCSD								
	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	110		70 - 130								
o-Terphenyl (Surr)	118		70 - 130								

Lab Sample ID: 880-72414-A-1-B MS

Matrix: Solid

Analysis Batch: 141167

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 141107

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	995	789.3		mg/Kg		77	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.1	U	995	763.6		mg/Kg		77	70 - 130		
Surrogate		MS	MS								
	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	107		70 - 130								
o-Terphenyl (Surr)	94		70 - 130								

Lab Sample ID: 880-72414-A-1-C MSD

Matrix: Solid

Analysis Batch: 141167

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 141107

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	<50.1	U	995	801.4		mg/Kg		78	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.1	U	995	797.9		mg/Kg		80	70 - 130	4	20
Surrogate		MSD	MSD								
	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	90		70 - 130								
o-Terphenyl (Surr)	91		70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-141154/1-A
Matrix: Solid
Analysis Batch: 141158

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			05/19/26 11:19	1

Lab Sample ID: LCS 880-141154/2-A
Matrix: Solid
Analysis Batch: 141158

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.1		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-141154/3-A
Matrix: Solid
Analysis Batch: 141158

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	242.1		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-72415-21 MS
Matrix: Solid
Analysis Batch: 141158

Client Sample ID: CS-30 (1.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	828		251	1062		mg/Kg		93	90 - 110

Lab Sample ID: 880-72415-21 MSD
Matrix: Solid
Analysis Batch: 141158

Client Sample ID: CS-30 (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	828		251	1066		mg/Kg		95	90 - 110	0	20

Lab Sample ID: MB 880-141153/1-A
Matrix: Solid
Analysis Batch: 141159

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			05/19/26 10:43	1

Lab Sample ID: LCS 880-141153/2-A
Matrix: Solid
Analysis Batch: 141159

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.2		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-141153/3-A
Matrix: Solid
Analysis Batch: 141159

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	240.2		mg/Kg		96	90 - 110	1	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-72415-1 MS

Matrix: Solid

Analysis Batch: 141159

Client Sample ID: CS-10 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	6680	F1	2520	11310	F1	mg/Kg		184	90 - 110		

Lab Sample ID: 880-72415-1 MSD

Matrix: Solid

Analysis Batch: 141159

Client Sample ID: CS-10 (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	6680	F1	2520	11360	F1	mg/Kg		186	90 - 110	0	20

Lab Sample ID: 880-72415-11 MS

Matrix: Solid

Analysis Batch: 141159

Client Sample ID: CS-20 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1360		248	1592	E 4	mg/Kg		92	90 - 110		

Lab Sample ID: 880-72415-11 MSD

Matrix: Solid

Analysis Batch: 141159

Client Sample ID: CS-20 (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	1360		248	1581	E 4	mg/Kg		88	90 - 110	1	20

QC Association Summary

Client: Carmona Resources

Job ID: 880-72415-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

GC VOA

Analysis Batch: 141025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-1	CS-10 (1.5')	Total/NA	Solid	8021B	141116
880-72415-2	CS-11 (1.5')	Total/NA	Solid	8021B	141116
880-72415-3	CS-12 (1.5')	Total/NA	Solid	8021B	141116
880-72415-4	CS-13 (1.5')	Total/NA	Solid	8021B	141116
880-72415-5	CS-14 (1.5')	Total/NA	Solid	8021B	141116
880-72415-6	CS-15 (1.5')	Total/NA	Solid	8021B	141116
880-72415-7	CS-16 (1.5')	Total/NA	Solid	8021B	141116
880-72415-8	CS-17 (1.5')	Total/NA	Solid	8021B	141116
880-72415-9	CS-18 (1.5')	Total/NA	Solid	8021B	141116
880-72415-10	CS-19 (1.5')	Total/NA	Solid	8021B	141116
880-72415-11	CS-20 (1.5')	Total/NA	Solid	8021B	141116
880-72415-12	CS-21 (1.5')	Total/NA	Solid	8021B	141116
880-72415-13	CS-22 (1.5')	Total/NA	Solid	8021B	141116
880-72415-14	CS-23 (1.5')	Total/NA	Solid	8021B	141116
880-72415-15	CS-24 (1.5')	Total/NA	Solid	8021B	141116
880-72415-16	CS-25 (1.5')	Total/NA	Solid	8021B	141116
880-72415-17	CS-26 (1.5')	Total/NA	Solid	8021B	141116
880-72415-18	CS-27 (1.5')	Total/NA	Solid	8021B	141116
880-72415-19	CS-28 (1.5')	Total/NA	Solid	8021B	141116
880-72415-20	CS-29 (1.5')	Total/NA	Solid	8021B	141116
MB 880-141062/5-A	Method Blank	Total/NA	Solid	8021B	141062
MB 880-141116/5-A	Method Blank	Total/NA	Solid	8021B	141116
LCS 880-141116/1-A	Lab Control Sample	Total/NA	Solid	8021B	141116
LCSD 880-141116/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	141116
880-72415-1 MS	CS-10 (1.5')	Total/NA	Solid	8021B	141116
880-72415-1 MSD	CS-10 (1.5')	Total/NA	Solid	8021B	141116

Analysis Batch: 141026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-21	CS-30 (1.5')	Total/NA	Solid	8021B	141117
880-72415-22	CS-31 (1.5')	Total/NA	Solid	8021B	141117
880-72415-23	CS-32 (1.5')	Total/NA	Solid	8021B	141117
880-72415-24	CS-33 (1.5')	Total/NA	Solid	8021B	141117
880-72415-25	CS-34 (1.5')	Total/NA	Solid	8021B	141117
880-72415-26	CS-35 (1.5')	Total/NA	Solid	8021B	141117
880-72415-27	CS-36 (1.5')	Total/NA	Solid	8021B	141117
880-72415-28	CS-37 (1.5')	Total/NA	Solid	8021B	141117
880-72415-29	CS-38 (1.5')	Total/NA	Solid	8021B	141117
880-72415-30	CS-39 (1.5')	Total/NA	Solid	8021B	141117
MB 880-141031/5-A	Method Blank	Total/NA	Solid	8021B	141031
MB 880-141117/5-A	Method Blank	Total/NA	Solid	8021B	141117
LCS 880-141117/1-A	Lab Control Sample	Total/NA	Solid	8021B	141117
LCSD 880-141117/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	141117
880-72415-21 MS	CS-30 (1.5')	Total/NA	Solid	8021B	141117
880-72415-21 MSD	CS-30 (1.5')	Total/NA	Solid	8021B	141117

Prep Batch: 141031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-141031/5-A	Method Blank	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-72415-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

GC VOA

Prep Batch: 141062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-141062/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 141116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-1	CS-10 (1.5')	Total/NA	Solid	5035	
880-72415-2	CS-11 (1.5')	Total/NA	Solid	5035	
880-72415-3	CS-12 (1.5')	Total/NA	Solid	5035	
880-72415-4	CS-13 (1.5')	Total/NA	Solid	5035	
880-72415-5	CS-14 (1.5')	Total/NA	Solid	5035	
880-72415-6	CS-15 (1.5')	Total/NA	Solid	5035	
880-72415-7	CS-16 (1.5')	Total/NA	Solid	5035	
880-72415-8	CS-17 (1.5')	Total/NA	Solid	5035	
880-72415-9	CS-18 (1.5')	Total/NA	Solid	5035	
880-72415-10	CS-19 (1.5')	Total/NA	Solid	5035	
880-72415-11	CS-20 (1.5')	Total/NA	Solid	5035	
880-72415-12	CS-21 (1.5')	Total/NA	Solid	5035	
880-72415-13	CS-22 (1.5')	Total/NA	Solid	5035	
880-72415-14	CS-23 (1.5')	Total/NA	Solid	5035	
880-72415-15	CS-24 (1.5')	Total/NA	Solid	5035	
880-72415-16	CS-25 (1.5')	Total/NA	Solid	5035	
880-72415-17	CS-26 (1.5')	Total/NA	Solid	5035	
880-72415-18	CS-27 (1.5')	Total/NA	Solid	5035	
880-72415-19	CS-28 (1.5')	Total/NA	Solid	5035	
880-72415-20	CS-29 (1.5')	Total/NA	Solid	5035	
MB 880-141116/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-141116/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-141116/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-72415-1 MS	CS-10 (1.5')	Total/NA	Solid	5035	
880-72415-1 MSD	CS-10 (1.5')	Total/NA	Solid	5035	

Prep Batch: 141117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-21	CS-30 (1.5')	Total/NA	Solid	5035	
880-72415-22	CS-31 (1.5')	Total/NA	Solid	5035	
880-72415-23	CS-32 (1.5')	Total/NA	Solid	5035	
880-72415-24	CS-33 (1.5')	Total/NA	Solid	5035	
880-72415-25	CS-34 (1.5')	Total/NA	Solid	5035	
880-72415-26	CS-35 (1.5')	Total/NA	Solid	5035	
880-72415-27	CS-36 (1.5')	Total/NA	Solid	5035	
880-72415-28	CS-37 (1.5')	Total/NA	Solid	5035	
880-72415-29	CS-38 (1.5')	Total/NA	Solid	5035	
880-72415-30	CS-39 (1.5')	Total/NA	Solid	5035	
MB 880-141117/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-141117/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-141117/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-72415-21 MS	CS-30 (1.5')	Total/NA	Solid	5035	
880-72415-21 MSD	CS-30 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 141187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-1	CS-10 (1.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 141187 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-2	CS-11 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-3	CS-12 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-4	CS-13 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-5	CS-14 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-6	CS-15 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-7	CS-16 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-8	CS-17 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-9	CS-18 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-10	CS-19 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-11	CS-20 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-12	CS-21 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-13	CS-22 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-14	CS-23 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-15	CS-24 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-16	CS-25 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-17	CS-26 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-18	CS-27 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-19	CS-28 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-20	CS-29 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-21	CS-30 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-22	CS-31 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-23	CS-32 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-24	CS-33 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-25	CS-34 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-26	CS-35 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-27	CS-36 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-28	CS-37 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-29	CS-38 (1.5')	Total/NA	Solid	Total BTEX	
880-72415-30	CS-39 (1.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 141105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-1	CS-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-2	CS-11 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-3	CS-12 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-4	CS-13 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-5	CS-14 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-6	CS-15 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-7	CS-16 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-8	CS-17 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-9	CS-18 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-10	CS-19 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-11	CS-20 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-12	CS-21 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-13	CS-22 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-14	CS-23 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-15	CS-24 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-16	CS-25 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-141105/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-72415-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 141105 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-141105/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-141105/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-72383-A-9-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-72383-A-9-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 141106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-17	CS-26 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-18	CS-27 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-19	CS-28 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-20	CS-29 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-21	CS-30 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-22	CS-31 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-23	CS-32 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-24	CS-33 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-25	CS-34 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-26	CS-35 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-141106/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-141106/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-141106/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-72415-17 MS	CS-26 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-17 MSD	CS-26 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 141107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-27	CS-36 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-28	CS-37 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-29	CS-38 (1.5')	Total/NA	Solid	8015NM Prep	
880-72415-30	CS-39 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-141107/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-141107/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-141107/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-72414-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-72414-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 141167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-27	CS-36 (1.5')	Total/NA	Solid	8015B NM	141107
880-72415-28	CS-37 (1.5')	Total/NA	Solid	8015B NM	141107
880-72415-29	CS-38 (1.5')	Total/NA	Solid	8015B NM	141107
880-72415-30	CS-39 (1.5')	Total/NA	Solid	8015B NM	141107
MB 880-141107/1-A	Method Blank	Total/NA	Solid	8015B NM	141107
LCS 880-141107/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	141107
LCSD 880-141107/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	141107
880-72414-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	141107
880-72414-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	141107

Analysis Batch: 141244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-1	CS-10 (1.5')	Total/NA	Solid	8015 NM	
880-72415-2	CS-11 (1.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-72415-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 141244 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-3	CS-12 (1.5')	Total/NA	Solid	8015 NM	
880-72415-4	CS-13 (1.5')	Total/NA	Solid	8015 NM	
880-72415-5	CS-14 (1.5')	Total/NA	Solid	8015 NM	
880-72415-6	CS-15 (1.5')	Total/NA	Solid	8015 NM	
880-72415-7	CS-16 (1.5')	Total/NA	Solid	8015 NM	
880-72415-8	CS-17 (1.5')	Total/NA	Solid	8015 NM	
880-72415-9	CS-18 (1.5')	Total/NA	Solid	8015 NM	
880-72415-10	CS-19 (1.5')	Total/NA	Solid	8015 NM	
880-72415-11	CS-20 (1.5')	Total/NA	Solid	8015 NM	
880-72415-12	CS-21 (1.5')	Total/NA	Solid	8015 NM	
880-72415-13	CS-22 (1.5')	Total/NA	Solid	8015 NM	
880-72415-14	CS-23 (1.5')	Total/NA	Solid	8015 NM	
880-72415-15	CS-24 (1.5')	Total/NA	Solid	8015 NM	
880-72415-16	CS-25 (1.5')	Total/NA	Solid	8015 NM	
880-72415-17	CS-26 (1.5')	Total/NA	Solid	8015 NM	
880-72415-18	CS-27 (1.5')	Total/NA	Solid	8015 NM	
880-72415-19	CS-28 (1.5')	Total/NA	Solid	8015 NM	
880-72415-20	CS-29 (1.5')	Total/NA	Solid	8015 NM	
880-72415-21	CS-30 (1.5')	Total/NA	Solid	8015 NM	
880-72415-22	CS-31 (1.5')	Total/NA	Solid	8015 NM	
880-72415-23	CS-32 (1.5')	Total/NA	Solid	8015 NM	
880-72415-24	CS-33 (1.5')	Total/NA	Solid	8015 NM	
880-72415-25	CS-34 (1.5')	Total/NA	Solid	8015 NM	
880-72415-26	CS-35 (1.5')	Total/NA	Solid	8015 NM	
880-72415-27	CS-36 (1.5')	Total/NA	Solid	8015 NM	
880-72415-28	CS-37 (1.5')	Total/NA	Solid	8015 NM	
880-72415-29	CS-38 (1.5')	Total/NA	Solid	8015 NM	
880-72415-30	CS-39 (1.5')	Total/NA	Solid	8015 NM	

Analysis Batch: 141247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-17	CS-26 (1.5')	Total/NA	Solid	8015B NM	141106
880-72415-18	CS-27 (1.5')	Total/NA	Solid	8015B NM	141106
880-72415-19	CS-28 (1.5')	Total/NA	Solid	8015B NM	141106
880-72415-20	CS-29 (1.5')	Total/NA	Solid	8015B NM	141106
880-72415-21	CS-30 (1.5')	Total/NA	Solid	8015B NM	141106
880-72415-22	CS-31 (1.5')	Total/NA	Solid	8015B NM	141106
880-72415-23	CS-32 (1.5')	Total/NA	Solid	8015B NM	141106
880-72415-24	CS-33 (1.5')	Total/NA	Solid	8015B NM	141106
880-72415-25	CS-34 (1.5')	Total/NA	Solid	8015B NM	141106
880-72415-26	CS-35 (1.5')	Total/NA	Solid	8015B NM	141106
MB 880-141106/1-A	Method Blank	Total/NA	Solid	8015B NM	141106
LCS 880-141106/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	141106
LCSD 880-141106/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	141106
880-72415-17 MS	CS-26 (1.5')	Total/NA	Solid	8015B NM	141106
880-72415-17 MSD	CS-26 (1.5')	Total/NA	Solid	8015B NM	141106

Analysis Batch: 141249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-1	CS-10 (1.5')	Total/NA	Solid	8015B NM	141105
880-72415-2	CS-11 (1.5')	Total/NA	Solid	8015B NM	141105

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-72415-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 141249 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-3	CS-12 (1.5')	Total/NA	Solid	8015B NM	141105
880-72415-4	CS-13 (1.5')	Total/NA	Solid	8015B NM	141105
880-72415-5	CS-14 (1.5')	Total/NA	Solid	8015B NM	141105
880-72415-6	CS-15 (1.5')	Total/NA	Solid	8015B NM	141105
880-72415-7	CS-16 (1.5')	Total/NA	Solid	8015B NM	141105
880-72415-8	CS-17 (1.5')	Total/NA	Solid	8015B NM	141105
880-72415-9	CS-18 (1.5')	Total/NA	Solid	8015B NM	141105
880-72415-10	CS-19 (1.5')	Total/NA	Solid	8015B NM	141105
880-72415-11	CS-20 (1.5')	Total/NA	Solid	8015B NM	141105
880-72415-12	CS-21 (1.5')	Total/NA	Solid	8015B NM	141105
880-72415-13	CS-22 (1.5')	Total/NA	Solid	8015B NM	141105
880-72415-14	CS-23 (1.5')	Total/NA	Solid	8015B NM	141105
880-72415-15	CS-24 (1.5')	Total/NA	Solid	8015B NM	141105
880-72415-16	CS-25 (1.5')	Total/NA	Solid	8015B NM	141105
MB 880-141105/1-A	Method Blank	Total/NA	Solid	8015B NM	141105
LCS 880-141105/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	141105
LCSD 880-141105/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	141105
880-72383-A-9-E MS	Matrix Spike	Total/NA	Solid	8015B NM	141105
880-72383-A-9-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	141105

HPLC/IC

Leach Batch: 141153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-1	CS-10 (1.5')	Soluble	Solid	DI Leach	
880-72415-2	CS-11 (1.5')	Soluble	Solid	DI Leach	
880-72415-3	CS-12 (1.5')	Soluble	Solid	DI Leach	
880-72415-4	CS-13 (1.5')	Soluble	Solid	DI Leach	
880-72415-5	CS-14 (1.5')	Soluble	Solid	DI Leach	
880-72415-6	CS-15 (1.5')	Soluble	Solid	DI Leach	
880-72415-7	CS-16 (1.5')	Soluble	Solid	DI Leach	
880-72415-8	CS-17 (1.5')	Soluble	Solid	DI Leach	
880-72415-9	CS-18 (1.5')	Soluble	Solid	DI Leach	
880-72415-10	CS-19 (1.5')	Soluble	Solid	DI Leach	
880-72415-11	CS-20 (1.5')	Soluble	Solid	DI Leach	
880-72415-12	CS-21 (1.5')	Soluble	Solid	DI Leach	
880-72415-13	CS-22 (1.5')	Soluble	Solid	DI Leach	
880-72415-14	CS-23 (1.5')	Soluble	Solid	DI Leach	
880-72415-15	CS-24 (1.5')	Soluble	Solid	DI Leach	
880-72415-16	CS-25 (1.5')	Soluble	Solid	DI Leach	
880-72415-17	CS-26 (1.5')	Soluble	Solid	DI Leach	
880-72415-18	CS-27 (1.5')	Soluble	Solid	DI Leach	
880-72415-19	CS-28 (1.5')	Soluble	Solid	DI Leach	
880-72415-20	CS-29 (1.5')	Soluble	Solid	DI Leach	
MB 880-141153/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-141153/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-141153/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-72415-1 MS	CS-10 (1.5')	Soluble	Solid	DI Leach	
880-72415-1 MSD	CS-10 (1.5')	Soluble	Solid	DI Leach	
880-72415-11 MS	CS-20 (1.5')	Soluble	Solid	DI Leach	
880-72415-11 MSD	CS-20 (1.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

HPLC/IC

Leach Batch: 141154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-21	CS-30 (1.5')	Soluble	Solid	DI Leach	
880-72415-22	CS-31 (1.5')	Soluble	Solid	DI Leach	
880-72415-23	CS-32 (1.5')	Soluble	Solid	DI Leach	
880-72415-24	CS-33 (1.5')	Soluble	Solid	DI Leach	
880-72415-25	CS-34 (1.5')	Soluble	Solid	DI Leach	
880-72415-26	CS-35 (1.5')	Soluble	Solid	DI Leach	
880-72415-27	CS-36 (1.5')	Soluble	Solid	DI Leach	
880-72415-28	CS-37 (1.5')	Soluble	Solid	DI Leach	
880-72415-29	CS-38 (1.5')	Soluble	Solid	DI Leach	
880-72415-30	CS-39 (1.5')	Soluble	Solid	DI Leach	
MB 880-141154/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-141154/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-141154/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-72415-21 MS	CS-30 (1.5')	Soluble	Solid	DI Leach	
880-72415-21 MSD	CS-30 (1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 141158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-21	CS-30 (1.5')	Soluble	Solid	300.0	141154
880-72415-22	CS-31 (1.5')	Soluble	Solid	300.0	141154
880-72415-23	CS-32 (1.5')	Soluble	Solid	300.0	141154
880-72415-24	CS-33 (1.5')	Soluble	Solid	300.0	141154
880-72415-25	CS-34 (1.5')	Soluble	Solid	300.0	141154
880-72415-26	CS-35 (1.5')	Soluble	Solid	300.0	141154
880-72415-27	CS-36 (1.5')	Soluble	Solid	300.0	141154
880-72415-28	CS-37 (1.5')	Soluble	Solid	300.0	141154
880-72415-29	CS-38 (1.5')	Soluble	Solid	300.0	141154
880-72415-30	CS-39 (1.5')	Soluble	Solid	300.0	141154
MB 880-141154/1-A	Method Blank	Soluble	Solid	300.0	141154
LCS 880-141154/2-A	Lab Control Sample	Soluble	Solid	300.0	141154
LCSD 880-141154/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	141154
880-72415-21 MS	CS-30 (1.5')	Soluble	Solid	300.0	141154
880-72415-21 MSD	CS-30 (1.5')	Soluble	Solid	300.0	141154

Analysis Batch: 141159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-1	CS-10 (1.5')	Soluble	Solid	300.0	141153
880-72415-2	CS-11 (1.5')	Soluble	Solid	300.0	141153
880-72415-3	CS-12 (1.5')	Soluble	Solid	300.0	141153
880-72415-4	CS-13 (1.5')	Soluble	Solid	300.0	141153
880-72415-5	CS-14 (1.5')	Soluble	Solid	300.0	141153
880-72415-6	CS-15 (1.5')	Soluble	Solid	300.0	141153
880-72415-7	CS-16 (1.5')	Soluble	Solid	300.0	141153
880-72415-8	CS-17 (1.5')	Soluble	Solid	300.0	141153
880-72415-9	CS-18 (1.5')	Soluble	Solid	300.0	141153
880-72415-10	CS-19 (1.5')	Soluble	Solid	300.0	141153
880-72415-11	CS-20 (1.5')	Soluble	Solid	300.0	141153
880-72415-12	CS-21 (1.5')	Soluble	Solid	300.0	141153
880-72415-13	CS-22 (1.5')	Soluble	Solid	300.0	141153
880-72415-14	CS-23 (1.5')	Soluble	Solid	300.0	141153
880-72415-15	CS-24 (1.5')	Soluble	Solid	300.0	141153

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 141159 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72415-16	CS-25 (1.5')	Soluble	Solid	300.0	141153
880-72415-17	CS-26 (1.5')	Soluble	Solid	300.0	141153
880-72415-18	CS-27 (1.5')	Soluble	Solid	300.0	141153
880-72415-19	CS-28 (1.5')	Soluble	Solid	300.0	141153
880-72415-20	CS-29 (1.5')	Soluble	Solid	300.0	141153
MB 880-141153/1-A	Method Blank	Soluble	Solid	300.0	141153
LCS 880-141153/2-A	Lab Control Sample	Soluble	Solid	300.0	141153
LCSD 880-141153/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	141153
880-72415-1 MS	CS-10 (1.5')	Soluble	Solid	300.0	141153
880-72415-1 MSD	CS-10 (1.5')	Soluble	Solid	300.0	141153
880-72415-11 MS	CS-20 (1.5')	Soluble	Solid	300.0	141153
880-72415-11 MSD	CS-20 (1.5')	Soluble	Solid	300.0	141153

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-72415-1

Date Collected: 05/15/26 08:46

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/18/26 23:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/18/26 23:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 05:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	141105	05/18/26 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141249	05/20/26 05:13	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	141159	05/19/26 10:58	CS	EET MID

Client Sample ID: CS-11 (1.5')

Lab Sample ID: 880-72415-2

Date Collected: 05/15/26 08:48

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/18/26 23:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/18/26 23:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 05:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	141105	05/18/26 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141249	05/20/26 05:34	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141159	05/19/26 11:13	CS	EET MID

Client Sample ID: CS-12 (1.5')

Lab Sample ID: 880-72415-3

Date Collected: 05/15/26 08:50

Matrix: Solid

Date Received: 05/18/26 12:21

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	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/18/26 23:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/18/26 23:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 05:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	141105	05/18/26 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141249	05/20/26 05:55	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141159	05/19/26 11:19	CS	EET MID

Client Sample ID: CS-13 (1.5')

Lab Sample ID: 880-72415-4

Date Collected: 05/15/26 08:52

Matrix: Solid

Date Received: 05/18/26 12:21

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	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/19/26 00:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 00:16	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-13 (1.5')
Date Collected: 05/15/26 08:52
Date Received: 05/18/26 12:21

Lab Sample ID: 880-72415-4
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			141244	05/20/26 06:15	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	141105	05/18/26 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141249	05/20/26 06:15	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	141159	05/19/26 13:22	CS	EET MID

Client Sample ID: CS-14 (1.5')
Date Collected: 05/15/26 08:54
Date Received: 05/18/26 12:21

Lab Sample ID: 880-72415-5
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			4.99 g	5 mL	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/19/26 00:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 00:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 06:35	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	141105	05/18/26 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141249	05/20/26 06:35	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141159	05/19/26 11:29	CS	EET MID

Client Sample ID: CS-15 (1.5')
Date Collected: 05/15/26 08:56
Date Received: 05/18/26 12:21

Lab Sample ID: 880-72415-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/19/26 00:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 00:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 06:55	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	141105	05/18/26 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141249	05/20/26 06:55	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141159	05/19/26 11:44	CS	EET MID

Client Sample ID: CS-16 (1.5')
Date Collected: 05/15/26 08:58
Date Received: 05/18/26 12:21

Lab Sample ID: 880-72415-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/19/26 01:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 01:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 07:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	141105	05/18/26 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141249	05/20/26 07:36	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-16 (1.5')

Lab Sample ID: 880-72415-7

Date Collected: 05/15/26 08:58

Matrix: Solid

Date Received: 05/18/26 12:21

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141159	05/19/26 11:49	CS	EET MID

Client Sample ID: CS-17 (1.5')

Lab Sample ID: 880-72415-8

Date Collected: 05/15/26 09:00

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/19/26 01:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 01:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 07:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	141105	05/18/26 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141249	05/20/26 07:56	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	141159	05/19/26 11:55	CS	EET MID

Client Sample ID: CS-18 (1.5')

Lab Sample ID: 880-72415-9

Date Collected: 05/15/26 09:02

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/19/26 01:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 01:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 08:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	141105	05/18/26 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141249	05/20/26 08:16	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141159	05/19/26 12:00	CS	EET MID

Client Sample ID: CS-19 (1.5')

Lab Sample ID: 880-72415-10

Date Collected: 05/15/26 09:04

Matrix: Solid

Date Received: 05/18/26 12:21

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	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/19/26 02:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 02:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 08:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	141105	05/18/26 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141249	05/20/26 08:36	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141159	05/19/26 12:05	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-20 (1.5')

Lab Sample ID: 880-72415-11

Date Collected: 05/15/26 09:06

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/19/26 03:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 03:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 08:57	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	141105	05/18/26 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141249	05/20/26 08:57	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141159	05/19/26 12:10	CS	EET MID

Client Sample ID: CS-21 (1.5')

Lab Sample ID: 880-72415-12

Date Collected: 05/15/26 09:08

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/19/26 04:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 04:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 09:17	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	141105	05/18/26 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141249	05/20/26 09:17	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141159	05/19/26 12:25	CS	EET MID

Client Sample ID: CS-22 (1.5')

Lab Sample ID: 880-72415-13

Date Collected: 05/15/26 09:10

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/19/26 04:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 04:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 09:37	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	141105	05/18/26 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141249	05/20/26 09:37	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141159	05/19/26 12:30	CS	EET MID

Client Sample ID: CS-23 (1.5')

Lab Sample ID: 880-72415-14

Date Collected: 05/15/26 09:12

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/19/26 04:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 04:56	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-23 (1.5')

Date Collected: 05/15/26 09:12

Date Received: 05/18/26 12:21

Lab Sample ID: 880-72415-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			141244	05/20/26 09:57	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	141105	05/18/26 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141249	05/20/26 09:57	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141159	05/19/26 12:46	CS	EET MID

Client Sample ID: CS-24 (1.5')

Date Collected: 05/15/26 09:14

Date Received: 05/18/26 12:21

Lab Sample ID: 880-72415-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/19/26 05:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 05:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 10:17	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	141105	05/18/26 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141249	05/20/26 10:17	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141159	05/19/26 12:51	CS	EET MID

Client Sample ID: CS-25 (1.5')

Date Collected: 05/15/26 09:16

Date Received: 05/18/26 12:21

Lab Sample ID: 880-72415-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/19/26 05:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 05:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 10:37	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	141105	05/18/26 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141249	05/20/26 10:37	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	141159	05/19/26 12:56	CS	EET MID

Client Sample ID: CS-26 (1.5')

Date Collected: 05/15/26 09:18

Date Received: 05/18/26 12:21

Lab Sample ID: 880-72415-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/19/26 05:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 05:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 03:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	141106	05/18/26 14:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141247	05/20/26 03:12	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-26 (1.5')

Date Collected: 05/15/26 09:18

Date Received: 05/18/26 12:21

Lab Sample ID: 880-72415-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141159	05/19/26 13:01	CS	EET MID

Client Sample ID: CS-27 (1.5')

Date Collected: 05/15/26 09:20

Date Received: 05/18/26 12:21

Lab Sample ID: 880-72415-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/19/26 06:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 06:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 04:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	141106	05/18/26 14:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141247	05/20/26 04:12	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141159	05/19/26 13:06	CS	EET MID

Client Sample ID: CS-28 (1.5')

Date Collected: 05/15/26 09:22

Date Received: 05/18/26 12:21

Lab Sample ID: 880-72415-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/19/26 06:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 06:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 04:33	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	141106	05/18/26 14:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141247	05/20/26 04:33	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	141159	05/19/26 16:06	CS	EET MID

Client Sample ID: CS-29 (1.5')

Date Collected: 05/15/26 09:24

Date Received: 05/18/26 12:21

Lab Sample ID: 880-72415-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	141116	05/18/26 15:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141025	05/19/26 07:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 07:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 04:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	141106	05/18/26 14:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141247	05/20/26 04:53	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	141153	05/19/26 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141159	05/19/26 13:17	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-30 (1.5')

Lab Sample ID: 880-72415-21

Date Collected: 05/15/26 09:26

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/18/26 23:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/18/26 23:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 05:13	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	141106	05/18/26 14:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141247	05/20/26 05:13	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141158	05/19/26 11:34	CS	EET MID

Client Sample ID: CS-31 (1.5')

Lab Sample ID: 880-72415-22

Date Collected: 05/15/26 09:28

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/18/26 23:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/18/26 23:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 05:34	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	141106	05/18/26 14:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141247	05/20/26 05:34	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141158	05/19/26 11:49	CS	EET MID

Client Sample ID: CS-32 (1.5')

Lab Sample ID: 880-72415-23

Date Collected: 05/15/26 09:30

Matrix: Solid

Date Received: 05/18/26 12:21

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	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/18/26 23:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/18/26 23:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 05:55	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	141106	05/18/26 14:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141247	05/20/26 05:55	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	141158	05/19/26 11:54	CS	EET MID

Client Sample ID: CS-33 (1.5')

Lab Sample ID: 880-72415-24

Date Collected: 05/15/26 09:32

Matrix: Solid

Date Received: 05/18/26 12:21

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	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/19/26 00:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 00:10	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-33 (1.5')

Lab Sample ID: 880-72415-24

Date Collected: 05/15/26 09:32

Matrix: Solid

Date Received: 05/18/26 12:21

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			141244	05/20/26 06:15	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	141106	05/18/26 14:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141247	05/20/26 06:15	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	141158	05/19/26 11:59	CS	EET MID

Client Sample ID: CS-34 (1.5')

Lab Sample ID: 880-72415-25

Date Collected: 05/15/26 09:34

Matrix: Solid

Date Received: 05/18/26 12:21

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	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/19/26 00:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 00:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 06:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	141106	05/18/26 14:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141247	05/20/26 06:35	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141158	05/19/26 12:04	CS	EET MID

Client Sample ID: CS-35 (1.5')

Lab Sample ID: 880-72415-26

Date Collected: 05/15/26 09:36

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/19/26 00:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 00:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/20/26 06:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	141106	05/18/26 14:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141247	05/20/26 06:55	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	141158	05/19/26 12:19	CS	EET MID

Client Sample ID: CS-36 (1.5')

Lab Sample ID: 880-72415-27

Date Collected: 05/15/26 09:38

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/19/26 01:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 01:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/19/26 12:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 12:50	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Client Sample ID: CS-36 (1.5')
Date Collected: 05/15/26 09:38
Date Received: 05/18/26 12:21

Lab Sample ID: 880-72415-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141158	05/19/26 12:24	CS	EET MID

Client Sample ID: CS-37 (1.5')
Date Collected: 05/15/26 09:40
Date Received: 05/18/26 12:21

Lab Sample ID: 880-72415-28
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			5.05 g	5 mL	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/19/26 01:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 01:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/19/26 13:05	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 13:05	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141158	05/19/26 12:29	CS	EET MID

Client Sample ID: CS-38 (1.5')
Date Collected: 05/15/26 09:42
Date Received: 05/18/26 12:21

Lab Sample ID: 880-72415-29
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			5.01 g	5 mL	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/19/26 01:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 01:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/19/26 13:20	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 13:20	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	141158	05/19/26 12:34	CS	EET MID

Client Sample ID: CS-39 (1.5')
Date Collected: 05/15/26 09:44
Date Received: 05/18/26 12:21

Lab Sample ID: 880-72415-30
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			4.98 g	5 mL	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/19/26 02:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141187	05/19/26 02:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			141244	05/19/26 13:35	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 13:35	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141158	05/19/26 12:39	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

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

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T 104704400. 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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72415-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-72415-1	CS-10 (1.5')	Solid	05/15/26 08:46	05/18/26 12:21	New Mexico
880-72415-2	CS-11 (1.5')	Solid	05/15/26 08:48	05/18/26 12:21	New Mexico
880-72415-3	CS-12 (1.5')	Solid	05/15/26 08:50	05/18/26 12:21	New Mexico
880-72415-4	CS-13 (1.5')	Solid	05/15/26 08:52	05/18/26 12:21	New Mexico
880-72415-5	CS-14 (1.5')	Solid	05/15/26 08:54	05/18/26 12:21	New Mexico
880-72415-6	CS-15 (1.5')	Solid	05/15/26 08:56	05/18/26 12:21	New Mexico
880-72415-7	CS-16 (1.5')	Solid	05/15/26 08:58	05/18/26 12:21	New Mexico
880-72415-8	CS-17 (1.5')	Solid	05/15/26 09:00	05/18/26 12:21	New Mexico
880-72415-9	CS-18 (1.5')	Solid	05/15/26 09:02	05/18/26 12:21	New Mexico
880-72415-10	CS-19 (1.5')	Solid	05/15/26 09:04	05/18/26 12:21	New Mexico
880-72415-11	CS-20 (1.5')	Solid	05/15/26 09:06	05/18/26 12:21	New Mexico
880-72415-12	CS-21 (1.5')	Solid	05/15/26 09:08	05/18/26 12:21	New Mexico
880-72415-13	CS-22 (1.5')	Solid	05/15/26 09:10	05/18/26 12:21	New Mexico
880-72415-14	CS-23 (1.5')	Solid	05/15/26 09:12	05/18/26 12:21	New Mexico
880-72415-15	CS-24 (1.5')	Solid	05/15/26 09:14	05/18/26 12:21	New Mexico
880-72415-16	CS-25 (1.5')	Solid	05/15/26 09:16	05/18/26 12:21	New Mexico
880-72415-17	CS-26 (1.5')	Solid	05/15/26 09:18	05/18/26 12:21	New Mexico
880-72415-18	CS-27 (1.5')	Solid	05/15/26 09:20	05/18/26 12:21	New Mexico
880-72415-19	CS-28 (1.5')	Solid	05/15/26 09:22	05/18/26 12:21	New Mexico
880-72415-20	CS-29 (1.5')	Solid	05/15/26 09:24	05/18/26 12:21	New Mexico
880-72415-21	CS-30 (1.5')	Solid	05/15/26 09:26	05/18/26 12:21	New Mexico
880-72415-22	CS-31 (1.5')	Solid	05/15/26 09:28	05/18/26 12:21	New Mexico
880-72415-23	CS-32 (1.5')	Solid	05/15/26 09:30	05/18/26 12:21	New Mexico
880-72415-24	CS-33 (1.5')	Solid	05/15/26 09:32	05/18/26 12:21	New Mexico
880-72415-25	CS-34 (1.5')	Solid	05/15/26 09:34	05/18/26 12:21	New Mexico
880-72415-26	CS-35 (1.5')	Solid	05/15/26 09:36	05/18/26 12:21	New Mexico
880-72415-27	CS-36 (1.5')	Solid	05/15/26 09:38	05/18/26 12:21	New Mexico
880-72415-28	CS-37 (1.5')	Solid	05/15/26 09:40	05/18/26 12:21	New Mexico
880-72415-29	CS-38 (1.5')	Solid	05/15/26 09:42	05/18/26 12:21	New Mexico
880-72415-30	CS-39 (1.5')	Solid	05/15/26 09:44	05/18/26 12:21	New Mexico

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Chain of Custody



880-72415 Chain of Custody

Page 1 of 3

Project Manager:	Ashton Thielke	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:	432-813-8988	Email:	ThielkeA@carmonaresources.com

Work Order Comments	
Program: UST/PST	PRP ☐ Brownfields ☐ JRC ☐ Perturb ☐
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Name:	Cotton Draw Section 4 SAT (04.07.2026)	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	3242	☐ Routine	☒ Rush														None: NO	DI Water: H ₂ O	
Project Location:	Lea County, New Mexico	Due Date:	48 hr														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:		Corrected Temperature:															NaOH+Ascorbic Acid: SACP		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-10 (1.5)	5/15/2026	8:46	X		C	1	X	X	X										
CS-11 (1.5)	5/15/2026	8:48	X		C	1	X	X	X										
CS-12 (1.5)	5/15/2026	8:50	X		C	1	X	X	X										
CS-13 (1.5)	5/15/2026	8:52	X		C	1	X	X	X										
CS-14 (1.5)	5/15/2026	8:54	X		C	1	X	X	X										
CS-15 (1.5)	5/15/2026	8:56	X		C	1	X	X	X										
CS-16 (1.5)	5/15/2026	8:58	X		C	1	X	X	X										
CS-17 (1.5)	5/15/2026	9:00	X		C	1	X	X	X										
CS-18 (1.5)	5/15/2026	9:02	X		C	1	X	X	X										
CS-19 (1.5)	5/15/2026	9:04	X		C	1	X	X	X										

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/19/26 12:21		

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Chain of Custody

Work Order No: 72415

Page 2 of 3

Project Manager:	Ashton Thielke	Bill to: (if different)	Camrona Resources
Company Name:	Camrona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@camronaresources.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Rowfields ☐ RC ☐ perfund
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Name:		Cotton Draw Section 4 SAT (04.07.2026)			Turn Around			ANALYSIS REQUEST												Preservative Codes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Project Number:		3242			☐ Routine ☒ Rush													None: NO	DI Water: H ₂ O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Project Location		Lea County, New Mexico			Due Date:		48 hr											Cool: Cool	MeOH: Me																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Sampler's Name:		JM																HCL: HC	HNO ₃ : HN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
SAMPLE RECEIPT		Equip Blank:		Yes ☒ No ☒		Wet Ice:		Yes ☒ No ☒												H ₃ PO ₄ : HP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Received Intact:		Yes ☒ No ☒		Thermometer ID:																NaHSO ₄ : NABIS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Cooler Custody Seals:		Yes ☒ No ☒		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Sample Custody Seals:		Yes ☒ No ☒		Temperature Reading:																Zn Acetate+NaOH: Zn																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SANC																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
CS-20 (1.5)		5/15/2026		9:06		X				C		1		X		X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

Comments:

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
		5/19/26 12:24			

Chain of Custody

Work Order No:

72415

Page 3 of 3

Project Manager:	Ashton Thielke	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:	432-813-8988	Email:	ThielkeA@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:

Project Name:	Cotton Draw Section 4 SAT (04.07.2026)	Tum Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	3242	☐ Routine ☒ Rush														None: NO	DI Water: H ₂ O		
Project Location:	Lea County, New Mexico	Due Date:	48 hr													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:		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments
CS-30 (1.5)	5/15/2026	9:26	X		C	1	X	X	X										
CS-31 (1.5)	5/15/2026	9:28	X		C	1	X	X	X										
CS-32 (1.5)	5/15/2026	9:30	X		C	1	X	X	X										
CS-33 (1.5)	5/15/2026	9:32	X		C	1	X	X	X										
CS-34 (1.5)	5/15/2026	9:34	X		C	1	X	X	X										
CS-35 (1.5)	5/15/2026	9:36	X		C	1	X	X	X										
CS-36 (1.5)	5/15/2026	9:38	X		C	1	X	X	X										
CS-37 (1.5)	5/15/2026	9:40	X		C	1	X	X	X										
CS-38 (1.5)	5/15/2026	9:42	X		C	1	X	X	X										
CS-39 (1.5)	5/15/2026	9:44	X		C	1	X	X	X										

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/18/26 12:41	Teddy Randall	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-72415-1

SDG Number: Lea County New Mexico

Login Number: 72415

List Number: 1

List Source: Eurofins Midland

Creator: Lee, Randall

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: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 5/20/2026 9:53:12 AM

JOB DESCRIPTION

Cotton Draw Section 4 SAT (04.07.2026)
Lea County New Mexico

JOB NUMBER

880-72416-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

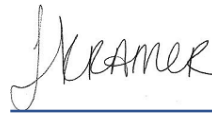
Eurofins Midland

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
5/20/2026 9:53:12 AM

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

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Laboratory Job ID: 880-72416-1
SDG: Lea County New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	17
QC Sample Results	19
QC Association Summary	26
Lab Chronicle	31
Certification Summary	36
Method Summary	37
Sample Summary	38
Chain of Custody	39
Receipt Checklists	41

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

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: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1

Job ID: 880-72416-1

Eurofins Midland

Job Narrative 880-72416-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 5/18/2026 12:21 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 -6.4°C.

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-141063 and analytical batch 880-141029 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with analytical batch 880-141029 was outside the upper control limits.

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.

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Client Sample ID: SW-15 (1.5')

Lab Sample ID: 880-72416-1

Date Collected: 05/15/26 09:53

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/19/26 03:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 03:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 03:46	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/18/26 15:06	05/19/26 03:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 03:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/18/26 15:06	05/19/26 03:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/18/26 15:06	05/19/26 03:46	1
1,4-Difluorobenzene (Surr)	87		70 - 130	05/18/26 15:06	05/19/26 03:46	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			05/19/26 03:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/19/26 13:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/18/26 14:21	05/19/26 13:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/18/26 14:21	05/19/26 13:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/18/26 14:21	05/19/26 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	05/18/26 14:21	05/19/26 13:50	1
o-Terphenyl (Surr)	95		70 - 130	05/18/26 14:21	05/19/26 13:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.8		9.92		mg/Kg			05/19/26 12:43	1

Client Sample ID: SW-16 (1.5')

Lab Sample ID: 880-72416-2

Date Collected: 05/15/26 09:55

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/19/26 04:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:06	05/19/26 04:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:06	05/19/26 04:07	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/18/26 15:06	05/19/26 04:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:06	05/19/26 04:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/18/26 15:06	05/19/26 04:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	05/18/26 15:06	05/19/26 04:07	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/18/26 15:06	05/19/26 04:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Client Sample ID: SW-16 (1.5')

Lab Sample ID: 880-72416-2

Date Collected: 05/15/26 09:55

Matrix: Solid

Date Received: 05/18/26 12:21

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			05/19/26 04:07	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			05/19/26 14:05	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		05/18/26 14:21	05/19/26 14:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/18/26 14:21	05/19/26 14:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/18/26 14:21	05/19/26 14:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				05/18/26 14:21	05/19/26 14:05	1
o-Terphenyl (Surr)	86		70 - 130				05/18/26 14:21	05/19/26 14:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.4		10.0		mg/Kg			05/19/26 12:58	1

Client Sample ID: SW-17 (1.5')

Lab Sample ID: 880-72416-3

Date Collected: 05/15/26 09:57

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/19/26 04:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:06	05/19/26 04:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:06	05/19/26 04:27	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/18/26 15:06	05/19/26 04:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:06	05/19/26 04:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/18/26 15:06	05/19/26 04:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				05/18/26 15:06	05/19/26 04:27	1
1,4-Difluorobenzene (Surr)	93		70 - 130				05/18/26 15:06	05/19/26 04:27	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			05/19/26 04:27	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			05/19/26 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	<50.0	U	50.0		mg/Kg		05/18/26 14:21	05/19/26 14:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/18/26 14:21	05/19/26 14:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Client Sample ID: SW-17 (1.5')

Lab Sample ID: 880-72416-3

Date Collected: 05/15/26 09:57

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 14:21	05/19/26 14:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130				05/18/26 14:21	05/19/26 14:21	1
o-Terphenyl (Surr)	109		70 - 130				05/18/26 14:21	05/19/26 14:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.2		9.96		mg/Kg			05/19/26 13:03	1

Client Sample ID: SW-18 (1.5')

Lab Sample ID: 880-72416-4

Date Collected: 05/15/26 09:59

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/19/26 04:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 04:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 04:48	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/18/26 15:06	05/19/26 04:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 04:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/18/26 15:06	05/19/26 04:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				05/18/26 15:06	05/19/26 04:48	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/18/26 15:06	05/19/26 04:48	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			05/19/26 04:48	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			05/19/26 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		05/18/26 14:21	05/19/26 14:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/18/26 14:21	05/19/26 14:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/18/26 14:21	05/19/26 14:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				05/18/26 14:21	05/19/26 14:36	1
o-Terphenyl (Surr)	90		70 - 130				05/18/26 14:21	05/19/26 14:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.6		9.92		mg/Kg			05/19/26 13:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Client Sample ID: SW-19 (1.5')

Lab Sample ID: 880-72416-5

Date Collected: 05/15/26 10:01

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/19/26 05:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:06	05/19/26 05:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:06	05/19/26 05:08	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/18/26 15:06	05/19/26 05:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:06	05/19/26 05:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/18/26 15:06	05/19/26 05:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	05/18/26 15:06	05/19/26 05:08	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/18/26 15:06	05/19/26 05:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/19/26 05:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/19/26 14:51	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	<49.8	U	49.8		mg/Kg		05/18/26 14:21	05/19/26 14:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/18/26 14:21	05/19/26 14:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/18/26 14:21	05/19/26 14:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130	05/18/26 14:21	05/19/26 14:51	1
o-Terphenyl (Surr)	89		70 - 130	05/18/26 14:21	05/19/26 14:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.2		10.1		mg/Kg			05/19/26 13:23	1

Client Sample ID: SW-20 (1.5')

Lab Sample ID: 880-72416-6

Date Collected: 05/15/26 10:03

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/19/26 05:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:06	05/19/26 05:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:06	05/19/26 05:29	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/18/26 15:06	05/19/26 05:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:06	05/19/26 05:29	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/18/26 15:06	05/19/26 05:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	05/18/26 15:06	05/19/26 05:29	1
1,4-Difluorobenzene (Surr)	88		70 - 130	05/18/26 15:06	05/19/26 05:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Client Sample ID: SW-20 (1.5')

Lab Sample ID: 880-72416-6

Date Collected: 05/15/26 10:03

Matrix: Solid

Date Received: 05/18/26 12:21

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			05/19/26 05:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/19/26 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	<50.0	U	50.0		mg/Kg		05/18/26 14:21	05/19/26 15:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/18/26 14:21	05/19/26 15:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/18/26 14:21	05/19/26 15:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				05/18/26 14:21	05/19/26 15:06	1
o-Terphenyl (Surr)	97		70 - 130				05/18/26 14:21	05/19/26 15:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.9		9.94		mg/Kg			05/19/26 13:28	1

Client Sample ID: SW-21 (1.5')

Lab Sample ID: 880-72416-7

Date Collected: 05/15/26 10:05

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/19/26 05:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:06	05/19/26 05:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:06	05/19/26 05:49	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/18/26 15:06	05/19/26 05:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:06	05/19/26 05:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/18/26 15:06	05/19/26 05:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				05/18/26 15:06	05/19/26 05:49	1
1,4-Difluorobenzene (Surr)	92		70 - 130				05/18/26 15:06	05/19/26 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			05/19/26 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	<50.3	U	50.3		mg/Kg			05/19/26 10:28	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	<50.3	U	50.3		mg/Kg		05/18/26 14:21	05/19/26 10:28	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		05/18/26 14:21	05/19/26 10:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Client Sample ID: SW-21 (1.5')

Lab Sample ID: 880-72416-7

Date Collected: 05/15/26 10:05

Matrix: Solid

Date Received: 05/18/26 12:21

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		05/18/26 14:21	05/19/26 10:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130				05/18/26 14:21	05/19/26 10:28	1
o-Terphenyl (Surr)	99		70 - 130				05/18/26 14:21	05/19/26 10:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.5		9.92		mg/Kg			05/19/26 13:33	1

Client Sample ID: SW-22 (1.5')

Lab Sample ID: 880-72416-8

Date Collected: 05/15/26 10:07

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/19/26 06:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:06	05/19/26 06:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:06	05/19/26 06:10	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/18/26 15:06	05/19/26 06:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/18/26 15:06	05/19/26 06:10	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/18/26 15:06	05/19/26 06:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				05/18/26 15:06	05/19/26 06:10	1
1,4-Difluorobenzene (Surr)	94		70 - 130				05/18/26 15:06	05/19/26 06:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/19/26 06:10	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			05/19/26 10:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/18/26 14:21	05/19/26 10:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/18/26 14:21	05/19/26 10:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/18/26 14:21	05/19/26 10:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				05/18/26 14:21	05/19/26 10:43	1
o-Terphenyl (Surr)	93		70 - 130				05/18/26 14:21	05/19/26 10:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.8		9.98		mg/Kg			05/19/26 13:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Client Sample ID: SW-23 (1.5')

Lab Sample ID: 880-72416-9

Date Collected: 05/15/26 10:09

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/19/26 06:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 06:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 06:30	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/18/26 15:06	05/19/26 06:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 06:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/18/26 15:06	05/19/26 06:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	05/18/26 15:06	05/19/26 06:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/18/26 15:06	05/19/26 06:30	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			05/19/26 06:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/19/26 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	<50.1	U	50.1		mg/Kg		05/18/26 14:21	05/19/26 10:58	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/18/26 14:21	05/19/26 10:58	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/18/26 14:21	05/19/26 10:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130	05/18/26 14:21	05/19/26 10:58	1
o-Terphenyl (Surr)	118		70 - 130	05/18/26 14:21	05/19/26 10:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.4		10.0		mg/Kg			05/19/26 13:43	1

Client Sample ID: SW-24 (1.5')

Lab Sample ID: 880-72416-10

Date Collected: 05/15/26 10:11

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:06	05/19/26 06:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 06:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 06:51	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/18/26 15:06	05/19/26 06:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/19/26 06:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/18/26 15:06	05/19/26 06:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	05/18/26 15:06	05/19/26 06:51	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/18/26 15:06	05/19/26 06:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Client Sample ID: SW-24 (1.5')

Lab Sample ID: 880-72416-10

Date Collected: 05/15/26 10:11

Matrix: Solid

Date Received: 05/18/26 12:21

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			05/19/26 06:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/19/26 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		05/18/26 14:21	05/19/26 11:13	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/18/26 14:21	05/19/26 11:13	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/18/26 14:21	05/19/26 11:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130				05/18/26 14:21	05/19/26 11:13	1
o-Terphenyl (Surr)	99		70 - 130				05/18/26 14:21	05/19/26 11:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.8		10.1		mg/Kg			05/19/26 13:48	1

Client Sample ID: SW-25 (1.5')

Lab Sample ID: 880-72416-11

Date Collected: 05/15/26 10:13

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:15	05/18/26 22:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:15	05/18/26 22:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:15	05/18/26 22:57	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/18/26 15:15	05/18/26 22:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/18/26 15:15	05/18/26 22:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/18/26 15:15	05/18/26 22:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				05/18/26 15:15	05/18/26 22:57	1
1,4-Difluorobenzene (Surr)	76		70 - 130				05/18/26 15:15	05/18/26 22:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/18/26 22:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/19/26 11:28	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		05/18/26 14:21	05/19/26 11:28	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/18/26 14:21	05/19/26 11:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Client Sample ID: SW-25 (1.5')

Lab Sample ID: 880-72416-11

Date Collected: 05/15/26 10:13

Matrix: Solid

Date Received: 05/18/26 12:21

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)	<50.1	U	50.1		mg/Kg		05/18/26 14:21	05/19/26 11:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				05/18/26 14:21	05/19/26 11:28	1
o-Terphenyl (Surr)	81		70 - 130				05/18/26 14:21	05/19/26 11:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.6		10.0		mg/Kg			05/19/26 09:03	1

Client Sample ID: SW-26 (1.5')

Lab Sample ID: 880-72416-12

Date Collected: 05/15/26 10:15

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:15	05/18/26 23:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:15	05/18/26 23:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:15	05/18/26 23:17	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/18/26 15:15	05/18/26 23:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:15	05/18/26 23:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/18/26 15:15	05/18/26 23:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				05/18/26 15:15	05/18/26 23:17	1
1,4-Difluorobenzene (Surr)	79		70 - 130				05/18/26 15:15	05/18/26 23:17	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			05/18/26 23:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/19/26 11:44	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		05/18/26 14:21	05/19/26 11:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/18/26 14:21	05/19/26 11:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/18/26 14:21	05/19/26 11:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130				05/18/26 14:21	05/19/26 11:44	1
o-Terphenyl (Surr)	109		70 - 130				05/18/26 14:21	05/19/26 11:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.9		9.96		mg/Kg			05/19/26 09:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Client Sample ID: SW-27 (1.5')

Lab Sample ID: 880-72416-13

Date Collected: 05/15/26 10:17

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:15	05/18/26 23:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:15	05/18/26 23:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:15	05/18/26 23:38	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/18/26 15:15	05/18/26 23:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:15	05/18/26 23:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/18/26 15:15	05/18/26 23:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/18/26 15:15	05/18/26 23:38	1
1,4-Difluorobenzene (Surr)	77		70 - 130	05/18/26 15:15	05/18/26 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			05/18/26 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			05/19/26 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	<50.0	U	50.0		mg/Kg		05/18/26 14:21	05/19/26 11:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/18/26 14:21	05/19/26 11:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/18/26 14:21	05/19/26 11:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130	05/18/26 14:21	05/19/26 11:59	1
o-Terphenyl (Surr)	101		70 - 130	05/18/26 14:21	05/19/26 11:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.4		10.0		mg/Kg			05/19/26 09:13	1

Client Sample ID: SW-28 (1.5')

Lab Sample ID: 880-72416-14

Date Collected: 05/15/26 10:19

Matrix: Solid

Date Received: 05/18/26 12:21

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		05/18/26 15:15	05/18/26 23:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:15	05/18/26 23:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:15	05/18/26 23:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/18/26 15:15	05/18/26 23:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/18/26 15:15	05/18/26 23:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/18/26 15:15	05/18/26 23:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	05/18/26 15:15	05/18/26 23:58	1
1,4-Difluorobenzene (Surr)	79		70 - 130	05/18/26 15:15	05/18/26 23:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Client Sample ID: SW-28 (1.5')

Lab Sample ID: 880-72416-14

Date Collected: 05/15/26 10:19

Matrix: Solid

Date Received: 05/18/26 12:21

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			05/18/26 23:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/19/26 12:14	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		05/18/26 14:21	05/19/26 12:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/18/26 14:21	05/19/26 12:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/18/26 14:21	05/19/26 12:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130				05/18/26 14:21	05/19/26 12:14	1
o-Terphenyl (Surr)	104		70 - 130				05/18/26 14:21	05/19/26 12:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.4		10.0		mg/Kg			05/19/26 09:18	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-72003-A-17 MB	Method Blank	114	95				
880-72391-A-1-F MS	Matrix Spike	97	103				
880-72391-A-1-G MSD	Matrix Spike Duplicate	104	93				
880-72415-A-21-B MS	Matrix Spike	91	100				
880-72415-A-21-C MSD	Matrix Spike Duplicate	94	100				
880-72416-1	SW-15 (1.5')	96	87				
880-72416-2	SW-16 (1.5')	79	94				
880-72416-3	SW-17 (1.5')	98	93				
880-72416-4	SW-18 (1.5')	102	95				
880-72416-5	SW-19 (1.5')	92	96				
880-72416-6	SW-20 (1.5')	110	88				
880-72416-7	SW-21 (1.5')	104	92				
880-72416-8	SW-22 (1.5')	98	94				
880-72416-9	SW-23 (1.5')	99	96				
880-72416-10	SW-24 (1.5')	103	94				
880-72416-11	SW-25 (1.5')	80	76				
880-72416-12	SW-26 (1.5')	93	79				
880-72416-13	SW-27 (1.5')	109	77				
880-72416-14	SW-28 (1.5')	100	79				
LCS 880-141063/1-A	Lab Control Sample	93	115				
LCS 880-141117/1-A	Lab Control Sample	90	99				
LCSD 880-141063/2-A	Lab Control Sample Dup	117	82				
LCSD 880-141117/2-A	Lab Control Sample Dup	89	100				
MB 880-141031/5-A	Method Blank	99	93				
MB 880-141063/5-A	Method Blank	279 S1+	124				
MB 880-141117/5-A	Method Blank	111	85				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-72414-A-1-B MS	Matrix Spike	107	94				
880-72414-A-1-C MSD	Matrix Spike Duplicate	90	91				
880-72416-1	SW-15 (1.5')	104	95				
880-72416-2	SW-16 (1.5')	95	86				
880-72416-3	SW-17 (1.5')	119	109				
880-72416-4	SW-18 (1.5')	100	90				
880-72416-5	SW-19 (1.5')	99	89				
880-72416-6	SW-20 (1.5')	106	97				
880-72416-7	SW-21 (1.5')	114	99				
880-72416-8	SW-22 (1.5')	103	93				
880-72416-9	SW-23 (1.5')	127	118				
880-72416-10	SW-24 (1.5')	113	99				
880-72416-11	SW-25 (1.5')	92	81				

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-72416-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-72416-12	SW-26 (1.5')	122	109
880-72416-13	SW-27 (1.5')	114	101
880-72416-14	SW-28 (1.5')	116	104
LCS 880-141107/2-A	Lab Control Sample	111	126
LCSD 880-141107/3-A	Lab Control Sample Dup	110	118
MB 880-141107/1-A	Method Blank	129	121
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: 880-72003-A-17 MB

Matrix: Solid

Analysis Batch: 141029

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			05/18/26 14:22	1
Toluene	<0.00200	U	0.00200		mg/Kg			05/18/26 14:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			05/18/26 14:22	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg			05/18/26 14:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			05/18/26 14:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			05/18/26 14:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130		05/18/26 14:22	1
1,4-Difluorobenzene (Surr)	95		70 - 130		05/18/26 14:22	1

Lab Sample ID: MB 880-141031/5-A

Matrix: Solid

Analysis Batch: 141026

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 141031

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 11:47	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/18/26 09:02	05/18/26 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 09:02	05/18/26 11:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/18/26 09:02	05/18/26 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	05/18/26 09:02	05/18/26 11:47	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/18/26 09:02	05/18/26 11:47	1

Lab Sample ID: MB 880-141063/5-A

Matrix: Solid

Analysis Batch: 141029

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 141063

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/18/26 10:30	05/18/26 17:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 10:30	05/18/26 17:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 10:30	05/18/26 17:33	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/18/26 10:30	05/18/26 17:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 10:30	05/18/26 17:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/18/26 10:30	05/18/26 17:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	279	S1+	70 - 130	05/18/26 10:30	05/18/26 17:33	1
1,4-Difluorobenzene (Surr)	124		70 - 130	05/18/26 10:30	05/18/26 17:33	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-141063/1-A

Matrix: Solid

Analysis Batch: 141029

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 141063

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1041		mg/Kg		104	70 - 130
Toluene	0.100	0.08262		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.09537		mg/Kg		95	70 - 130
m,p-Xylenes	0.200	0.1861		mg/Kg		93	70 - 130
o-Xylene	0.100	0.1060		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: LCSD 880-141063/2-A

Matrix: Solid

Analysis Batch: 141029

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 141063

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07696		mg/Kg		77	70 - 130	30	35
Toluene	0.100	0.09010		mg/Kg		90	70 - 130	9	35
Ethylbenzene	0.100	0.09921		mg/Kg		99	70 - 130	4	35
m,p-Xylenes	0.200	0.2149		mg/Kg		107	70 - 130	14	35
o-Xylene	0.100	0.1247		mg/Kg		125	70 - 130	16	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: 880-72391-A-1-F MS

Matrix: Solid

Analysis Batch: 141029

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 141063

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09558		mg/Kg		96	70 - 130
Toluene	<0.00200	U	0.100	0.07893		mg/Kg		79	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08281		mg/Kg		83	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1649		mg/Kg		82	70 - 130
o-Xylene	<0.00200	U	0.100	0.09478		mg/Kg		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-72391-A-1-G MSD

Matrix: Solid

Analysis Batch: 141029

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 141063

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	0.08704		mg/Kg		87	70 - 130	9	35
Toluene	<0.00200	U	0.100	0.08025		mg/Kg		80	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.08762		mg/Kg		88	70 - 130	6	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-72391-A-1-G MSD

Matrix: Solid

Analysis Batch: 141029

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 141063

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00399	U	0.200	0.1661		mg/Kg		83	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09542		mg/Kg		95	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-141117/5-A

Matrix: Solid

Analysis Batch: 141026

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 141117

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/18/26 22:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/18/26 22:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/18/26 22:46	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/18/26 15:06	05/18/26 22:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/18/26 15:06	05/18/26 22:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/18/26 15:06	05/18/26 22:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	05/18/26 15:06	05/18/26 22:46	1
1,4-Difluorobenzene (Surr)	85		70 - 130	05/18/26 15:06	05/18/26 22:46	1

Lab Sample ID: LCS 880-141117/1-A

Matrix: Solid

Analysis Batch: 141026

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 141117

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08603		mg/Kg		86	70 - 130
Toluene	0.100	0.08372		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.08817		mg/Kg		88	70 - 130
m,p-Xylenes	0.200	0.1704		mg/Kg		85	70 - 130
o-Xylene	0.100	0.08446		mg/Kg		84	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-141117/2-A

Matrix: Solid

Analysis Batch: 141026

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 141117

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08591		mg/Kg		86	70 - 130	0	35
Toluene	0.100	0.08614		mg/Kg		86	70 - 130	3	35
Ethylbenzene	0.100	0.09110		mg/Kg		91	70 - 130	3	35
m,p-Xylenes	0.200	0.1769		mg/Kg		88	70 - 130	4	35
o-Xylene	0.100	0.08764		mg/Kg		88	70 - 130	4	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-72415-A-21-B MS

Matrix: Solid

Analysis Batch: 141026

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 141117

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07498		mg/Kg		75	70 - 130
Toluene	<0.00200	U	0.100	0.07430		mg/Kg		74	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07602		mg/Kg		76	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1454		mg/Kg		73	70 - 130
o-Xylene	<0.00200	U	0.100	0.07218		mg/Kg		72	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-72415-A-21-C MSD

Matrix: Solid

Analysis Batch: 141026

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 141117

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	0.07862		mg/Kg		79	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.07834		mg/Kg		78	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.08233		mg/Kg		82	70 - 130	8	35
m,p-Xylenes	<0.00399	U	0.200	0.1587		mg/Kg		79	70 - 130	9	35
o-Xylene	<0.00200	U	0.100	0.07806		mg/Kg		78	70 - 130	8	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

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

Lab Sample ID: MB 880-141107/1-A

Matrix: Solid

Analysis Batch: 141167

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 141107

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		05/18/26 14:21	05/19/26 07:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/18/26 14:21	05/19/26 07:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/18/26 14:21	05/19/26 07:26	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane (Surr)	129		70 - 130	05/18/26 14:21	05/19/26 07:26	1			
o-Terphenyl (Surr)	121		70 - 130	05/18/26 14:21	05/19/26 07:26	1			

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-141107/2-A

Matrix: Solid

Analysis Batch: 141167

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 141107

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	921.6		mg/Kg		92		70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1044		mg/Kg		104		70 - 130		

Lab Sample ID: LCSD 880-141107/3-A

Matrix: Solid

Analysis Batch: 141167

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 141107

Table 1: Data for Table 1												
Analyte				Spike	LCSD	LCSD				%Rec	RPD	
				Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10				1000	945.4		mg/Kg		95	70 - 130	3	20
Diesel Range Organics (Over C10-C28)				1000	1001		mg/Kg		100	70 - 130	4	20
Surrogate	LCSD		LCSD									
	%Recovery	Qualifier	Limits									
1-Chlorooctane (Surr)	110		70 - 130									
o-Terphenyl (Surr)	118		70 - 130									

Lab Sample ID: 880-72414-A-1-B MS

Matrix: Solid

Analysis Batch: 141167

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 141107

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	995	789.3		mg/Kg		77	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.1	U	995	763.6		mg/Kg		77	70 - 130		
		</									

Lab Sample ID: 880-72414-A-1-C MSD

Matrix: Solid

Analysis Batch: 141167

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 141107

	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	<50.1	U	995	801.4		mg/Kg		78	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.1	U	995	797.9		mg/Kg		80	70 - 130	4	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-72414-A-1-C MSD

Matrix: Solid

Analysis Batch: 141167

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 141107

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	91		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-141142/1-A

Matrix: Solid

Analysis Batch: 141156

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<10.0	U	10.0		mg/Kg			05/19/26 08:32		1

Lab Sample ID: LCS 880-141142/2-A

Matrix: Solid

Analysis Batch: 141156

Client Sample ID: Lab Control Sample

Prep Type: Soluble

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride			250	244.2		mg/Kg		98	90 - 110	

Lab Sample ID: LCSD 880-141142/3-A

Matrix: Solid

Analysis Batch: 141156

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	239.7		mg/Kg		96	90 - 110	2	20

Lab Sample ID: 880-72414-A-1-E MS

Matrix: Solid

Analysis Batch: 141156

Client Sample ID: Matrix Spike

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	22.7		249	279.7		mg/Kg		103	90 - 110		

Lab Sample ID: 880-72414-A-1-F MSD

Matrix: Solid

Analysis Batch: 141156

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	22.7		249	278.1		mg/Kg		103	90 - 110	1	20

Lab Sample ID: MB 880-141154/1-A

Matrix: Solid

Analysis Batch: 141158

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac	
Chloride	<10.0	U	10.0		mg/Kg			05/19/26 11:19		1	

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-141154/2-A

Matrix: Solid

Analysis Batch: 141158

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.1		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-141154/3-A

Matrix: Solid

Analysis Batch: 141158

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	242.1		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-72416-1 MS

Matrix: Solid

Analysis Batch: 141158

Client Sample ID: SW-15 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	45.8		248	286.1		mg/Kg		97	90 - 110

Lab Sample ID: 880-72416-1 MSD

Matrix: Solid

Analysis Batch: 141158

Client Sample ID: SW-15 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	45.8		248	293.6		mg/Kg		100	90 - 110	3	20

QC Association Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 141026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72416-1	SW-15 (1.5')	Total/NA	Solid	8021B	141117
880-72416-2	SW-16 (1.5')	Total/NA	Solid	8021B	141117
880-72416-3	SW-17 (1.5')	Total/NA	Solid	8021B	141117
880-72416-4	SW-18 (1.5')	Total/NA	Solid	8021B	141117
880-72416-5	SW-19 (1.5')	Total/NA	Solid	8021B	141117
880-72416-6	SW-20 (1.5')	Total/NA	Solid	8021B	141117
880-72416-7	SW-21 (1.5')	Total/NA	Solid	8021B	141117
880-72416-8	SW-22 (1.5')	Total/NA	Solid	8021B	141117
880-72416-9	SW-23 (1.5')	Total/NA	Solid	8021B	141117
880-72416-10	SW-24 (1.5')	Total/NA	Solid	8021B	141117
MB 880-141031/5-A	Method Blank	Total/NA	Solid	8021B	141031
MB 880-141117/5-A	Method Blank	Total/NA	Solid	8021B	141117
LCS 880-141117/1-A	Lab Control Sample	Total/NA	Solid	8021B	141117
LCSD 880-141117/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	141117
880-72415-A-21-B MS	Matrix Spike	Total/NA	Solid	8021B	141117
880-72415-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	141117

Analysis Batch: 141029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72416-11	SW-25 (1.5')	Total/NA	Solid	8021B	141063
880-72416-12	SW-26 (1.5')	Total/NA	Solid	8021B	141063
880-72416-13	SW-27 (1.5')	Total/NA	Solid	8021B	141063
880-72416-14	SW-28 (1.5')	Total/NA	Solid	8021B	141063
880-72003-A-17 MB	Method Blank	Total/NA	Solid	8021B	
MB 880-141063/5-A	Method Blank	Total/NA	Solid	8021B	141063
LCS 880-141063/1-A	Lab Control Sample	Total/NA	Solid	8021B	141063
LCSD 880-141063/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	141063
880-72391-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	141063
880-72391-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	141063

Prep Batch: 141031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-141031/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 141063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72416-11	SW-25 (1.5')	Total/NA	Solid	5035	
880-72416-12	SW-26 (1.5')	Total/NA	Solid	5035	
880-72416-13	SW-27 (1.5')	Total/NA	Solid	5035	
880-72416-14	SW-28 (1.5')	Total/NA	Solid	5035	
MB 880-141063/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-141063/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-141063/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-72391-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
880-72391-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 141117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72416-1	SW-15 (1.5')	Total/NA	Solid	5035	
880-72416-2	SW-16 (1.5')	Total/NA	Solid	5035	
880-72416-3	SW-17 (1.5')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 141117 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72416-4	SW-18 (1.5')	Total/NA	Solid	5035	
880-72416-5	SW-19 (1.5')	Total/NA	Solid	5035	
880-72416-6	SW-20 (1.5')	Total/NA	Solid	5035	
880-72416-7	SW-21 (1.5')	Total/NA	Solid	5035	
880-72416-8	SW-22 (1.5')	Total/NA	Solid	5035	
880-72416-9	SW-23 (1.5')	Total/NA	Solid	5035	
880-72416-10	SW-24 (1.5')	Total/NA	Solid	5035	
MB 880-141117/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-141117/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-141117/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-72415-A-21-B MS	Matrix Spike	Total/NA	Solid	5035	
880-72415-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 141185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72416-1	SW-15 (1.5')	Total/NA	Solid	Total BTEX	
880-72416-2	SW-16 (1.5')	Total/NA	Solid	Total BTEX	
880-72416-3	SW-17 (1.5')	Total/NA	Solid	Total BTEX	
880-72416-4	SW-18 (1.5')	Total/NA	Solid	Total BTEX	
880-72416-5	SW-19 (1.5')	Total/NA	Solid	Total BTEX	
880-72416-6	SW-20 (1.5')	Total/NA	Solid	Total BTEX	
880-72416-7	SW-21 (1.5')	Total/NA	Solid	Total BTEX	
880-72416-8	SW-22 (1.5')	Total/NA	Solid	Total BTEX	
880-72416-9	SW-23 (1.5')	Total/NA	Solid	Total BTEX	
880-72416-10	SW-24 (1.5')	Total/NA	Solid	Total BTEX	
880-72416-11	SW-25 (1.5')	Total/NA	Solid	Total BTEX	
880-72416-12	SW-26 (1.5')	Total/NA	Solid	Total BTEX	
880-72416-13	SW-27 (1.5')	Total/NA	Solid	Total BTEX	
880-72416-14	SW-28 (1.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 141107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72416-1	SW-15 (1.5')	Total/NA	Solid	8015NM Prep	
880-72416-2	SW-16 (1.5')	Total/NA	Solid	8015NM Prep	
880-72416-3	SW-17 (1.5')	Total/NA	Solid	8015NM Prep	
880-72416-4	SW-18 (1.5')	Total/NA	Solid	8015NM Prep	
880-72416-5	SW-19 (1.5')	Total/NA	Solid	8015NM Prep	
880-72416-6	SW-20 (1.5')	Total/NA	Solid	8015NM Prep	
880-72416-7	SW-21 (1.5')	Total/NA	Solid	8015NM Prep	
880-72416-8	SW-22 (1.5')	Total/NA	Solid	8015NM Prep	
880-72416-9	SW-23 (1.5')	Total/NA	Solid	8015NM Prep	
880-72416-10	SW-24 (1.5')	Total/NA	Solid	8015NM Prep	
880-72416-11	SW-25 (1.5')	Total/NA	Solid	8015NM Prep	
880-72416-12	SW-26 (1.5')	Total/NA	Solid	8015NM Prep	
880-72416-13	SW-27 (1.5')	Total/NA	Solid	8015NM Prep	
880-72416-14	SW-28 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-141107/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-141107/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-141107/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
 SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 141107 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72414-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-72414-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 141167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72416-1	SW-15 (1.5')	Total/NA	Solid	8015B NM	141107
880-72416-2	SW-16 (1.5')	Total/NA	Solid	8015B NM	141107
880-72416-3	SW-17 (1.5')	Total/NA	Solid	8015B NM	141107
880-72416-4	SW-18 (1.5')	Total/NA	Solid	8015B NM	141107
880-72416-5	SW-19 (1.5')	Total/NA	Solid	8015B NM	141107
880-72416-6	SW-20 (1.5')	Total/NA	Solid	8015B NM	141107
880-72416-7	SW-21 (1.5')	Total/NA	Solid	8015B NM	141107
880-72416-8	SW-22 (1.5')	Total/NA	Solid	8015B NM	141107
880-72416-9	SW-23 (1.5')	Total/NA	Solid	8015B NM	141107
880-72416-10	SW-24 (1.5')	Total/NA	Solid	8015B NM	141107
880-72416-11	SW-25 (1.5')	Total/NA	Solid	8015B NM	141107
880-72416-12	SW-26 (1.5')	Total/NA	Solid	8015B NM	141107
880-72416-13	SW-27 (1.5')	Total/NA	Solid	8015B NM	141107
880-72416-14	SW-28 (1.5')	Total/NA	Solid	8015B NM	141107
MB 880-141107/1-A	Method Blank	Total/NA	Solid	8015B NM	141107
LCS 880-141107/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	141107
LCSD 880-141107/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	141107
880-72414-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	141107
880-72414-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	141107

Analysis Batch: 141243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72416-1	SW-15 (1.5')	Total/NA	Solid	8015 NM	
880-72416-2	SW-16 (1.5')	Total/NA	Solid	8015 NM	
880-72416-3	SW-17 (1.5')	Total/NA	Solid	8015 NM	
880-72416-4	SW-18 (1.5')	Total/NA	Solid	8015 NM	
880-72416-5	SW-19 (1.5')	Total/NA	Solid	8015 NM	
880-72416-6	SW-20 (1.5')	Total/NA	Solid	8015 NM	
880-72416-7	SW-21 (1.5')	Total/NA	Solid	8015 NM	
880-72416-8	SW-22 (1.5')	Total/NA	Solid	8015 NM	
880-72416-9	SW-23 (1.5')	Total/NA	Solid	8015 NM	
880-72416-10	SW-24 (1.5')	Total/NA	Solid	8015 NM	
880-72416-11	SW-25 (1.5')	Total/NA	Solid	8015 NM	
880-72416-12	SW-26 (1.5')	Total/NA	Solid	8015 NM	
880-72416-13	SW-27 (1.5')	Total/NA	Solid	8015 NM	
880-72416-14	SW-28 (1.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 141142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72416-11	SW-25 (1.5')	Soluble	Solid	DI Leach	
880-72416-12	SW-26 (1.5')	Soluble	Solid	DI Leach	
880-72416-13	SW-27 (1.5')	Soluble	Solid	DI Leach	
880-72416-14	SW-28 (1.5')	Soluble	Solid	DI Leach	
MB 880-141142/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-72416-1

Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 141142 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-141142/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-141142/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-72414-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-72414-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 141154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72416-1	SW-15 (1.5')	Soluble	Solid	DI Leach	
880-72416-2	SW-16 (1.5')	Soluble	Solid	DI Leach	
880-72416-3	SW-17 (1.5')	Soluble	Solid	DI Leach	
880-72416-4	SW-18 (1.5')	Soluble	Solid	DI Leach	
880-72416-5	SW-19 (1.5')	Soluble	Solid	DI Leach	
880-72416-6	SW-20 (1.5')	Soluble	Solid	DI Leach	
880-72416-7	SW-21 (1.5')	Soluble	Solid	DI Leach	
880-72416-8	SW-22 (1.5')	Soluble	Solid	DI Leach	
880-72416-9	SW-23 (1.5')	Soluble	Solid	DI Leach	
880-72416-10	SW-24 (1.5')	Soluble	Solid	DI Leach	
MB 880-141154/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-141154/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-141154/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-72416-1 MS	SW-15 (1.5')	Soluble	Solid	DI Leach	
880-72416-1 MSD	SW-15 (1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 141156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72416-11	SW-25 (1.5')	Soluble	Solid	300.0	141142
880-72416-12	SW-26 (1.5')	Soluble	Solid	300.0	141142
880-72416-13	SW-27 (1.5')	Soluble	Solid	300.0	141142
880-72416-14	SW-28 (1.5')	Soluble	Solid	300.0	141142
MB 880-141142/1-A	Method Blank	Soluble	Solid	300.0	141142
LCS 880-141142/2-A	Lab Control Sample	Soluble	Solid	300.0	141142
LCSD 880-141142/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	141142
880-72414-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	141142
880-72414-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	141142

Analysis Batch: 141158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72416-1	SW-15 (1.5')	Soluble	Solid	300.0	141154
880-72416-2	SW-16 (1.5')	Soluble	Solid	300.0	141154
880-72416-3	SW-17 (1.5')	Soluble	Solid	300.0	141154
880-72416-4	SW-18 (1.5')	Soluble	Solid	300.0	141154
880-72416-5	SW-19 (1.5')	Soluble	Solid	300.0	141154
880-72416-6	SW-20 (1.5')	Soluble	Solid	300.0	141154
880-72416-7	SW-21 (1.5')	Soluble	Solid	300.0	141154
880-72416-8	SW-22 (1.5')	Soluble	Solid	300.0	141154
880-72416-9	SW-23 (1.5')	Soluble	Solid	300.0	141154
880-72416-10	SW-24 (1.5')	Soluble	Solid	300.0	141154
MB 880-141154/1-A	Method Blank	Soluble	Solid	300.0	141154
LCS 880-141154/2-A	Lab Control Sample	Soluble	Solid	300.0	141154
LCSD 880-141154/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	141154
880-72416-1 MS	SW-15 (1.5')	Soluble	Solid	300.0	141154

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 141158 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72416-1 MSD	SW-15 (1.5')	Soluble	Solid	300.0	141154

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Client Sample ID: SW-15 (1.5')

Lab Sample ID: 880-72416-1

Date Collected: 05/15/26 09:53

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/19/26 03:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141185	05/19/26 03:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			141243	05/19/26 13:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 13:50	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141158	05/19/26 12:43	CS	EET MID

Client Sample ID: SW-16 (1.5')

Lab Sample ID: 880-72416-2

Date Collected: 05/15/26 09:55

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/19/26 04:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141185	05/19/26 04:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			141243	05/19/26 14:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 14:05	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141158	05/19/26 12:58	CS	EET MID

Client Sample ID: SW-17 (1.5')

Lab Sample ID: 880-72416-3

Date Collected: 05/15/26 09:57

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/19/26 04:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141185	05/19/26 04:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			141243	05/19/26 14:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 14:21	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141158	05/19/26 13:03	CS	EET MID

Client Sample ID: SW-18 (1.5')

Lab Sample ID: 880-72416-4

Date Collected: 05/15/26 09:59

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/19/26 04:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141185	05/19/26 04:48	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Client Sample ID: SW-18 (1.5')

Lab Sample ID: 880-72416-4

Date Collected: 05/15/26 09:59

Matrix: Solid

Date Received: 05/18/26 12:21

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			141243	05/19/26 14:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 14:36	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141158	05/19/26 13:18	CS	EET MID

Client Sample ID: SW-19 (1.5')

Lab Sample ID: 880-72416-5

Date Collected: 05/15/26 10:01

Matrix: Solid

Date Received: 05/18/26 12:21

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	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/19/26 05:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141185	05/19/26 05:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			141243	05/19/26 14:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 14:51	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141158	05/19/26 13:23	CS	EET MID

Client Sample ID: SW-20 (1.5')

Lab Sample ID: 880-72416-6

Date Collected: 05/15/26 10:03

Matrix: Solid

Date Received: 05/18/26 12:21

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	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/19/26 05:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141185	05/19/26 05:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			141243	05/19/26 15:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 15:06	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141158	05/19/26 13:28	CS	EET MID

Client Sample ID: SW-21 (1.5')

Lab Sample ID: 880-72416-7

Date Collected: 05/15/26 10:05

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/19/26 05:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141185	05/19/26 05:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			141243	05/19/26 10:28	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 10:28	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Client Sample ID: SW-21 (1.5')

Lab Sample ID: 880-72416-7

Date Collected: 05/15/26 10:05

Matrix: Solid

Date Received: 05/18/26 12:21

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	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141158	05/19/26 13:33	CS	EET MID

Client Sample ID: SW-22 (1.5')

Lab Sample ID: 880-72416-8

Date Collected: 05/15/26 10:07

Matrix: Solid

Date Received: 05/18/26 12:21

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	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/19/26 06:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141185	05/19/26 06:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			141243	05/19/26 10:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 10:43	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141158	05/19/26 13:38	CS	EET MID

Client Sample ID: SW-23 (1.5')

Lab Sample ID: 880-72416-9

Date Collected: 05/15/26 10:09

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/19/26 06:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141185	05/19/26 06:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			141243	05/19/26 10:58	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 10:58	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141158	05/19/26 13:43	CS	EET MID

Client Sample ID: SW-24 (1.5')

Lab Sample ID: 880-72416-10

Date Collected: 05/15/26 10:11

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141117	05/18/26 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141026	05/19/26 06:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141185	05/19/26 06:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			141243	05/19/26 11:13	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 11:13	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	141154	05/19/26 08:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141158	05/19/26 13:48	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Client Sample ID: SW-25 (1.5')

Lab Sample ID: 880-72416-11

Date Collected: 05/15/26 10:13

Matrix: Solid

Date Received: 05/18/26 12:21

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	141063	05/18/26 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141029	05/18/26 22:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141185	05/18/26 22:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			141243	05/19/26 11:28	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 11:28	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	141142	05/18/26 17:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141156	05/19/26 09:03	CS	EET MID

Client Sample ID: SW-26 (1.5')

Lab Sample ID: 880-72416-12

Date Collected: 05/15/26 10:15

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141063	05/18/26 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141029	05/18/26 23:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141185	05/18/26 23:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			141243	05/19/26 11:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 11:44	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	141142	05/18/26 17:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141156	05/19/26 09:08	CS	EET MID

Client Sample ID: SW-27 (1.5')

Lab Sample ID: 880-72416-13

Date Collected: 05/15/26 10:17

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141063	05/18/26 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141029	05/18/26 23:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141185	05/18/26 23:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			141243	05/19/26 11:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 11:59	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	141142	05/18/26 17:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141156	05/19/26 09:13	CS	EET MID

Client Sample ID: SW-28 (1.5')

Lab Sample ID: 880-72416-14

Date Collected: 05/15/26 10:19

Matrix: Solid

Date Received: 05/18/26 12:21

Prep 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	141063	05/18/26 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141029	05/18/26 23:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141185	05/18/26 23:58	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Client Sample ID: SW-28 (1.5')
Date Collected: 05/15/26 10:19
Date Received: 05/18/26 12:21

Lab Sample ID: 880-72416-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			141243	05/19/26 12:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	141107	05/18/26 14:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141167	05/19/26 12:14	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	141142	05/18/26 17:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141156	05/19/26 09:18	CS	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: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T 104704400. 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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72416-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-72416-1	SW-15 (1.5')	Solid	05/15/26 09:53	05/18/26 12:21	New Mexico
880-72416-2	SW-16 (1.5')	Solid	05/15/26 09:55	05/18/26 12:21	New Mexico
880-72416-3	SW-17 (1.5')	Solid	05/15/26 09:57	05/18/26 12:21	New Mexico
880-72416-4	SW-18 (1.5')	Solid	05/15/26 09:59	05/18/26 12:21	New Mexico
880-72416-5	SW-19 (1.5')	Solid	05/15/26 10:01	05/18/26 12:21	New Mexico
880-72416-6	SW-20 (1.5')	Solid	05/15/26 10:03	05/18/26 12:21	New Mexico
880-72416-7	SW-21 (1.5')	Solid	05/15/26 10:05	05/18/26 12:21	New Mexico
880-72416-8	SW-22 (1.5')	Solid	05/15/26 10:07	05/18/26 12:21	New Mexico
880-72416-9	SW-23 (1.5')	Solid	05/15/26 10:09	05/18/26 12:21	New Mexico
880-72416-10	SW-24 (1.5')	Solid	05/15/26 10:11	05/18/26 12:21	New Mexico
880-72416-11	SW-25 (1.5')	Solid	05/15/26 10:13	05/18/26 12:21	New Mexico
880-72416-12	SW-26 (1.5')	Solid	05/15/26 10:15	05/18/26 12:21	New Mexico
880-72416-13	SW-27 (1.5')	Solid	05/15/26 10:17	05/18/26 12:21	New Mexico
880-72416-14	SW-28 (1.5')	Solid	05/15/26 10:19	05/18/26 12:21	New Mexico

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Chain of Custody

V



880-72416 Chain of Custody

Page 1 of 2

Project Manager:	Ashton Thielke	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:	432-813-8988	Email:	ThielkeA@carmonaresources.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ JRC ☐ perfund
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Name:		Cotton Draw Section 4 SAT (04.07.2026)		Turn Around		ANALYSIS REQUEST												Preservative Codes	
Project Number:		3242		☐ Routine ☒ Rush		Pres. Code												None: NO	DI Water: H ₂ O
Project Location:		Lea County, New Mexico		Due Date:		48 hr												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: <i>7/10/26</i>		Yes/No		Well Ice:		Yes/No										H ₃ PO ₄ : HP	
Received Intact:		Yes				Thermometer ID:												NaHSO ₄ : NABIS	
Cooler Custody Seals:		Yes No				Correction Factor:												Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Yes No				Temperature Reading:												Zn Acetate+NaOH: Zn	
Total Containers:						Corrected Temperature:												NaOH+Ascorbic Acid: SARC	
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont						Sample Comments	
SW-15 (1.5)		5/15/2026		9:53		X				C		1		X		X			
SW-16 (1.5)		5/15/2026		9:55		X				C		1		X		X			
SW-17 (1.5)		5/15/2026		9:57		X				C		1		X		X			
SW-18 (1.5)		5/15/2026		9:59		X				C		1		X		X			
SW-19 (1.5)		5/15/2026		10:01		X				C		1		X		X			
SW-20 (1.5)		5/15/2026		10:03		X				C		1		X		X			
SW-21 (1.5)		5/15/2026		10:05		X				C		1		X		X			
SW-22 (1.5)		5/15/2026		10:07		X				C		1		X		X			
SW-23 (1.5)		5/15/2026		10:09		X				C		1		X		X			
SW-24 (1.5)		5/15/2026		10:11		X				C		1		X		X			

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/18/26 6:24 PM		5/18/26

Chain of Custody

Work Order No: 72416

Page 2 of 2

Project Manager:	Ashton Thielke	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:	432-813-8988	Email:	ThielkeA@carmonaresources.com

Work Order Comments
Program: USTR/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Deepfund ☐ State of Project: Reporting Level I ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐ Deliverables: EDD ☐ ADAPT ☐ Other:

[illegible]

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/18/26 12:21		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-72416-1

SDG Number: Lea County New Mexico

Login Number: 72416

List Number: 1

List Source: Eurofins Midland

Creator: Lee, Randall

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 5/22/2026 11:43:12 AM

JOB DESCRIPTION

Cotton Draw Section 4 SAT (04.07.2026)
Lea County New Mexico

JOB NUMBER

880-72588-1

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
5/22/2026 11:43:12 AM

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

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Laboratory Job ID: 880-72588-1
SDG: Lea County New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	12
Lab Chronicle	14
Certification Summary	15
Method Summary	16
Sample Summary	17
Chain of Custody	18
Receipt Checklists	19

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72588-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

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: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72588-1

Job ID: 880-72588-1

Eurofins Midland

Job Narrative 880-72588-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The sample was received on 5/20/2026 3:37 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.8°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 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-141471 and analytical batch 880-141513 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-141471 and analytical batch 880-141513 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: Backfill Sample (880-72588-1), (LCSD 880-141471/3-A) and (MB 880-141471/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-141386 and analytical batch 880-141491 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: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72588-1
SDG: Lea County New Mexico

Client Sample ID: Backfill Sample

Lab Sample ID: 880-72588-1

Date Collected: 05/20/26 12:45

Matrix: Solid

Date Received: 05/20/26 15:37

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		05/21/26 14:50	05/21/26 18:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/21/26 14:50	05/21/26 18:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/21/26 14:50	05/21/26 18:29	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/21/26 14:50	05/21/26 18:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/21/26 14:50	05/21/26 18:29	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/21/26 14:50	05/21/26 18:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	05/21/26 14:50	05/21/26 18:29	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/21/26 14:50	05/21/26 18:29	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			05/21/26 18:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/21/26 18:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U *1	50.1		mg/Kg		05/21/26 12:56	05/21/26 18:22	1
Diesel Range Organics (Over C10-C28)	<50.1	U *1	50.1		mg/Kg		05/21/26 12:56	05/21/26 18:22	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/21/26 12:56	05/21/26 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	69	S1-	70 - 130	05/21/26 12:56	05/21/26 18:22	1
o-Terphenyl (Surr)	79		70 - 130	05/21/26 12:56	05/21/26 18:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.8		9.98		mg/Kg			05/21/26 23:45	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72588-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-72489-A-28-C MS	Matrix Spike	100	105
880-72489-A-28-D MSD	Matrix Spike Duplicate	104	106
880-72588-1	Backfill Sample	97	95
LCS 880-141246/1-A	Lab Control Sample	91	90
LCSD 880-141246/2-A	Lab Control Sample Dup	99	102
MB 880-141246/5-A	Method Blank	98	98

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)
880-72588-1	Backfill Sample	69 S1-	79
890-9959-A-15-F MS	Matrix Spike	75	78
890-9959-A-15-G MSD	Matrix Spike Duplicate	71	74
LCS 880-141471/2-A	Lab Control Sample	88	86
LCSD 880-141471/3-A	Lab Control Sample Dup	132 S1+	126
MB 880-141471/1-A	Method Blank	65 S1-	74

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72588-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-141246/5-A

Matrix: Solid

Analysis Batch: 141409

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 141246

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/19/26 14:50	05/21/26 10:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/19/26 14:50	05/21/26 10:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/19/26 14:50	05/21/26 10:30	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/19/26 14:50	05/21/26 10:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/19/26 14:50	05/21/26 10:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/19/26 14:50	05/21/26 10:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	05/19/26 14:50	05/21/26 10:30	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/19/26 14:50	05/21/26 10:30	1

Lab Sample ID: LCS 880-141246/1-A

Matrix: Solid

Analysis Batch: 141409

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 141246

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07223		mg/Kg		72	70 - 130
Toluene	0.100	0.07645		mg/Kg		76	70 - 130
Ethylbenzene	0.100	0.07843		mg/Kg		78	70 - 130
m,p-Xylenes	0.200	0.1587		mg/Kg		79	70 - 130
o-Xylene	0.100	0.07960		mg/Kg		80	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-141246/2-A

Matrix: Solid

Analysis Batch: 141409

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 141246

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09265		mg/Kg		93	70 - 130	25	35
Toluene	0.100	0.09277		mg/Kg		93	70 - 130	19	35
Ethylbenzene	0.100	0.08936		mg/Kg		89	70 - 130	13	35
m,p-Xylenes	0.200	0.1795		mg/Kg		90	70 - 130	12	35
o-Xylene	0.100	0.09202		mg/Kg		92	70 - 130	14	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-72489-A-28-C MS

Matrix: Solid

Analysis Batch: 141409

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 141246

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09319		mg/Kg		93	70 - 130
Toluene	<0.00200	U	0.100	0.09249		mg/Kg		92	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72588-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-72489-A-28-C MS

Matrix: Solid

Analysis Batch: 141409

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 141246

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08811		mg/Kg		88	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1799		mg/Kg		90	70 - 130
o-Xylene	<0.00200	U	0.100	0.09240		mg/Kg		92	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-72489-A-28-D MSD

Matrix: Solid

Analysis Batch: 141409

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 141246

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	0.08883		mg/Kg		89	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.08891		mg/Kg		89	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.08482		mg/Kg		85	70 - 130	4	35
m,p-Xylenes	<0.00399	U	0.200	0.1699		mg/Kg		85	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.08755		mg/Kg		88	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

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

Lab Sample ID: MB 880-141471/1-A

Matrix: Solid

Analysis Batch: 141513

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 141471

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		05/21/26 12:56	05/21/26 13:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/21/26 12:56	05/21/26 13:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/21/26 12:56	05/21/26 13:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	65	S1-	70 - 130	05/21/26 12:56	05/21/26 13:24	1
o-Terphenyl (Surr)	74		70 - 130	05/21/26 12:56	05/21/26 13:24	1

Lab Sample ID: LCS 880-141471/2-A

Matrix: Solid

Analysis Batch: 141513

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 141471

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	886.6		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1000	905.7		mg/Kg		91	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72588-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-141471/2-A

Matrix: Solid

Analysis Batch: 141513

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 141471

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	88		70 - 130
o-Terphenyl (Surr)	86		70 - 130

Lab Sample ID: LCSD 880-141471/3-A

Matrix: Solid

Analysis Batch: 141513

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 141471

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1183	*1	mg/Kg		118	70 - 130	29	20
Diesel Range Organics (Over C10-C28)	1000	1272	*1	mg/Kg		127	70 - 130	34	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	132	S1+	70 - 130
o-Terphenyl (Surr)	126		70 - 130

Lab Sample ID: 890-9959-A-15-F MS

Matrix: Solid

Analysis Batch: 141513

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 141471

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 F1	996	1112		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U *1 F1	996	585.0	F1	mg/Kg		54	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	75		70 - 130
o-Terphenyl (Surr)	78		70 - 130

Lab Sample ID: 890-9959-A-15-G MSD

Matrix: Solid

Analysis Batch: 141513

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 141471

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 F1	996	521.0	F1 F2	mg/Kg		49	70 - 130	72	20
Diesel Range Organics (Over C10-C28)	<50.0	U *1 F1	996	557.4	F1	mg/Kg		51	70 - 130	5	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	71		70 - 130
o-Terphenyl (Surr)	74		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72588-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-141386/1-A

Matrix: Solid

Analysis Batch: 141491

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			05/21/26 21:17	1

Lab Sample ID: LCS 880-141386/2-A

Matrix: Solid

Analysis Batch: 141491

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.3		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-141386/3-A

Matrix: Solid

Analysis Batch: 141491

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	261.2		mg/Kg		104	90 - 110	7	20

Lab Sample ID: 880-72472-A-23-C MS

Matrix: Solid

Analysis Batch: 141491

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	1730	F1	1250	3081		mg/Kg		108	90 - 110

Lab Sample ID: 880-72472-A-23-D MSD

Matrix: Solid

Analysis Batch: 141491

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	1730	F1	1250	3170	F1	mg/Kg		115	90 - 110	3	20

QC Association Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72588-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 141246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72588-1	Backfill Sample	Total/NA	Solid	5035	
MB 880-141246/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-141246/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-141246/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-72489-A-28-C MS	Matrix Spike	Total/NA	Solid	5035	
880-72489-A-28-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 141409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72588-1	Backfill Sample	Total/NA	Solid	8021B	141246
MB 880-141246/5-A	Method Blank	Total/NA	Solid	8021B	141246
LCS 880-141246/1-A	Lab Control Sample	Total/NA	Solid	8021B	141246
LCSD 880-141246/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	141246
880-72489-A-28-C MS	Matrix Spike	Total/NA	Solid	8021B	141246
880-72489-A-28-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	141246

Analysis Batch: 141536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72588-1	Backfill Sample	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 141471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72588-1	Backfill Sample	Total/NA	Solid	8015NM Prep	
MB 880-141471/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-141471/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-141471/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9959-A-15-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9959-A-15-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 141513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72588-1	Backfill Sample	Total/NA	Solid	8015B NM	141471
MB 880-141471/1-A	Method Blank	Total/NA	Solid	8015B NM	141471
LCS 880-141471/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	141471
LCSD 880-141471/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	141471
890-9959-A-15-F MS	Matrix Spike	Total/NA	Solid	8015B NM	141471
890-9959-A-15-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	141471

Analysis Batch: 141605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72588-1	Backfill Sample	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 141386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72588-1	Backfill Sample	Soluble	Solid	DI Leach	
MB 880-141386/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-141386/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-141386/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72588-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 141386 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72472-A-23-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-72472-A-23-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 141491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72588-1	Backfill Sample	Soluble	Solid	300.0	141386
MB 880-141386/1-A	Method Blank	Soluble	Solid	300.0	141386
LCS 880-141386/2-A	Lab Control Sample	Soluble	Solid	300.0	141386
LCSD 880-141386/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	141386
880-72472-A-23-C MS	Matrix Spike	Soluble	Solid	300.0	141386
880-72472-A-23-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	141386

Lab Chronicle

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72588-1
SDG: Lea County New Mexico

Client Sample ID: Backfill Sample
Date Collected: 05/20/26 12:45
Date Received: 05/20/26 15:37

Lab Sample ID: 880-72588-1
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			4.95 g	5 mL	141246	05/21/26 14:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	141409	05/21/26 18:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			141536	05/21/26 18:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			141605	05/21/26 18:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	141471	05/21/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	141513	05/21/26 18:22	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	141386	05/21/26 13:25	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	141491	05/21/26 23:45	CS	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: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72588-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T 104704400. 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: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72588-1
SDG: Lea County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Cotton Draw Section 4 SAT (04.07.2026)

Job ID: 880-72588-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-72588-1	Backfill Sample	Solid	05/20/26 12:45	05/20/26 15:37	New Mexico

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Chain of Custody

Project Manager:	Ashton Thielke	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:	432-813-8988	Email:	ThielkeA@carmonaresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other: ☐	

[illegible]

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	520.26.15:37		520.26.15:37



880-72588 Chain of Custody



880-72588 COC

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-72588-1

SDG Number: Lea County New Mexico

Login Number: 72588

List Number: 1

Creator: Neeld, Linsey

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.	True	
The cooler or samples do not appear to have been compromised or tampered with.	N/A	
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	

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 589941

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 589941
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2609830164
Incident Name	NAPP2609830164 COTTON DRAW SECTION 4 SAT @ FAPP2609829505
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2609829505] Cotton Draw Section 4 SAT

Location of Release Source

Please answer all the questions in this group.

Site Name	COTTON DRAW SECTION 4 SAT
Date Release Discovered	04/07/2026
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Equipment Failure Pump Crude Oil Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 44 BBL Recovered: 41 BBL Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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 2

Action 589941

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 589941
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 05/29/2026

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 589941

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 589941
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

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)	7590
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	60400
GRO+DRO (EPA SW-846 Method 8015M)	56500
BTEX (EPA SW-846 Method 8021B or 8260B)	465
Benzene (EPA SW-846 Method 8021B or 8260B)	16.4
<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	05/12/2026
On what date will (or did) the final sampling or liner inspection occur	05/15/2026
On what date will (or was) the remediation complete(d)	05/15/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	7540
What is the estimated volume (in cubic yards) that will be remediated	550
<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>	

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 4

Action 589941

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:	4323
	Action Number:	589941
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	Not answered.
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	Yes
In which state is the disposal taking place	texas
What is the name of the out-of-state facility	North Delaware Disposal
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: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 05/29/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

General Information
Phone: (505) 629-6116

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 5

Action 589941

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 589941
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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 6

Action 589941

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:
	4323
	Action Number:
	589941
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	584419
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/18/2026
What was the (estimated) number of samples that were to be gathered	55
What was the sampling surface area in square feet	8400

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	7540
What was the total volume (cubic yards) remediated	550
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	All contamination onsite was removed. Entire area excavated between 1.5-2.0'. Groundwater >105'.
<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: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 05/29/2026

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 7

Action 589941

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 589941
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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 589941

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 589941
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	6/4/2026