

CARMONA RESOURCES



SITE INFORMATION

Deferral Report

Lea Fed East BT20021 (03.04.2022)

Incident ID: nAPP2206348945

Lea County, New Mexico

Unit P, Sec 12, T20S, R34E

32.581831°, -103.508037°

Crude Oil Release

Point of Release: Corrosion in Production Tank

Release Date: 03.04.2022

Volume Released: 258 Barrels of Crude Oil

Volume Recovered: 124 Barrels of Crude Oil

CARMONA RESOURCES



Prepared for:

Coterra Energy Operating Co.

6001 Deauville Blvd.

Suite 300N

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



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June 23, 2026

New Mexico Oil Conservation District
1220 South St, France Drive
Santa Fe, NM 87505

Re: Deferral Report
Lea Fed East BT20021 (03.04.2022)
Incident ID: nAPP2206348945
Coterra Energy Operating Co.
Site Location: Unit P, S12, T20S, R34E
(Lat 32.581831°, Long -103.508037°)
Lea County, New Mexico

To whom it may concern:

On behalf of Coterra Energy Operating Co. (Coterra), Carmona Resources, LLC has prepared this letter to document site assessment and remediation activities for the Lea Fed East BT20021 release. The site is located at 32.581831°, -103.508037° within Unit P, S12, T20S, R34E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release (NOR) obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on March 4, 2022, due to corrosion in a production tank. It resulted in approximately two hundred fifty-eight (258) barrels of crude oil being released within the tank battery containment, with one hundred twenty-four (124) barrels of crude oil recovered. The spill boundaries are shown in Figure 3. The Notification of Release form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest Groundwater Determination Bore (GWDB) is approximately 0.46 miles West of the site in S13, T20S, R34E, and was drilled in 2025. The GWDB was drilled to a depth of 60 feet below the ground surface (ft bgs), with groundwater detected at 52 ft bgs. A copy of the well log and plugging 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: 1,000 mg/kg (GRO + DRO).
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- Chloride: 10,000 mg/kg.



4.0 Site Assessment Activities

Initial Assessment

On February 13, 2025, Carmona Resources personnel performed site assessment activities via an air rotary rig to evaluate soil impacts stemming from the release. A total of four (4) borehole samples (BH-1 through BH-4) and four (4) horizontal samples (H-1 through H-4) were installed to total depths ranging from surface to 15 ft bgs inside and surrounding the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8021B, and Chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

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

Horizontal Delineation

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

5.0 Remediation Activities

Between June 8, 2026, and June 10, 2026, Carmona Resources personnel were onsite to guide the remediation activities and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on June 5, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of BH-1 was excavated to depths ranging from 1.5 ft bgs to 1.75 ft bgs. The area of BH-3 was excavated to a depth of 4.5 ft bgs. The area of BH-4 was excavated to a depth of 5.5 ft bgs. A total of twenty-one (21) confirmation floor samples (CS-1 through CS-21) and thirteen (13) sidewall samples (SW-1 through SW-13) 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 and transported under the proper chain-of-custody protocol to Eurofins Labs in Midland, Texas. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 4A and 4B.

All final confirmation samples were below the regulatory requirements for Benzene, total BTEX, TPH, and Chloride concentrations with the exception of SW-10 through SW-13. The represented sidewalls are associated with the deferral area located beneath the tank battery. Further lateral excavation along these sidewalls could not be completed due to safety concerns related to maintaining tank stability, as the tanks are positioned on sandy subsurface material. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 4,008 square feet of contamination was remediated, resulting in 620 cubic yards of material excavated and transported offsite for proper disposal. A composite backfill sample from the Smith Ranch Pit, located at 32.628757°, -103.611577°, was collected for laboratory analysis on June 10, 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.

Deferment Area

A 5 ft buffer zone from Coterra's tank batteries, surface equipment, and utilities will be deferred per 19.15.29.12.C.2 NMAC. To remove all contaminated material, major facility deconstruction would have to take place. Removing soil within that buffer zone could potentially cause structural instability and result in additional releases in the future, as backfill material can shift and settle over time. The entire tank battery



is located within an area characterized by highly sandy soils in southeastern Lea County, New Mexico. Further excavation within 5 feet of the tanks was not feasible due to the potential for sidewall collapse and associated safety concerns related to maintaining tank stability. The deferred area under the tank battery is defined by SW-10 through SW-13 and BH-2, with the horizontal extent defined by H-1 through H-3. Approximately 4,922 square feet, resulting in an estimated 1,002 cubic yards (based on the maximum depth of 5.5 ft bgs), of contamination will be left under the tank battery facility. Refer to Table 2 and Figure 5.

6.0 Conclusions

Upon plugging and abandonment activities and/or major facility deconstruction, whichever comes first, remediation of the deferred area will occur, and a final closure report describing the remediation activities will be presented to the New Mexico Oil Conservation Division (NMOCD). During that time, if the site is plugged and abandoned, the entire site will be reclaimed per NMAC 19.15.29.13. If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Sincerely,
Carmona Resources, LLC

A handwritten signature in black ink, appearing to read 'Ashton'.

Ashton Thielke
Director of Operations

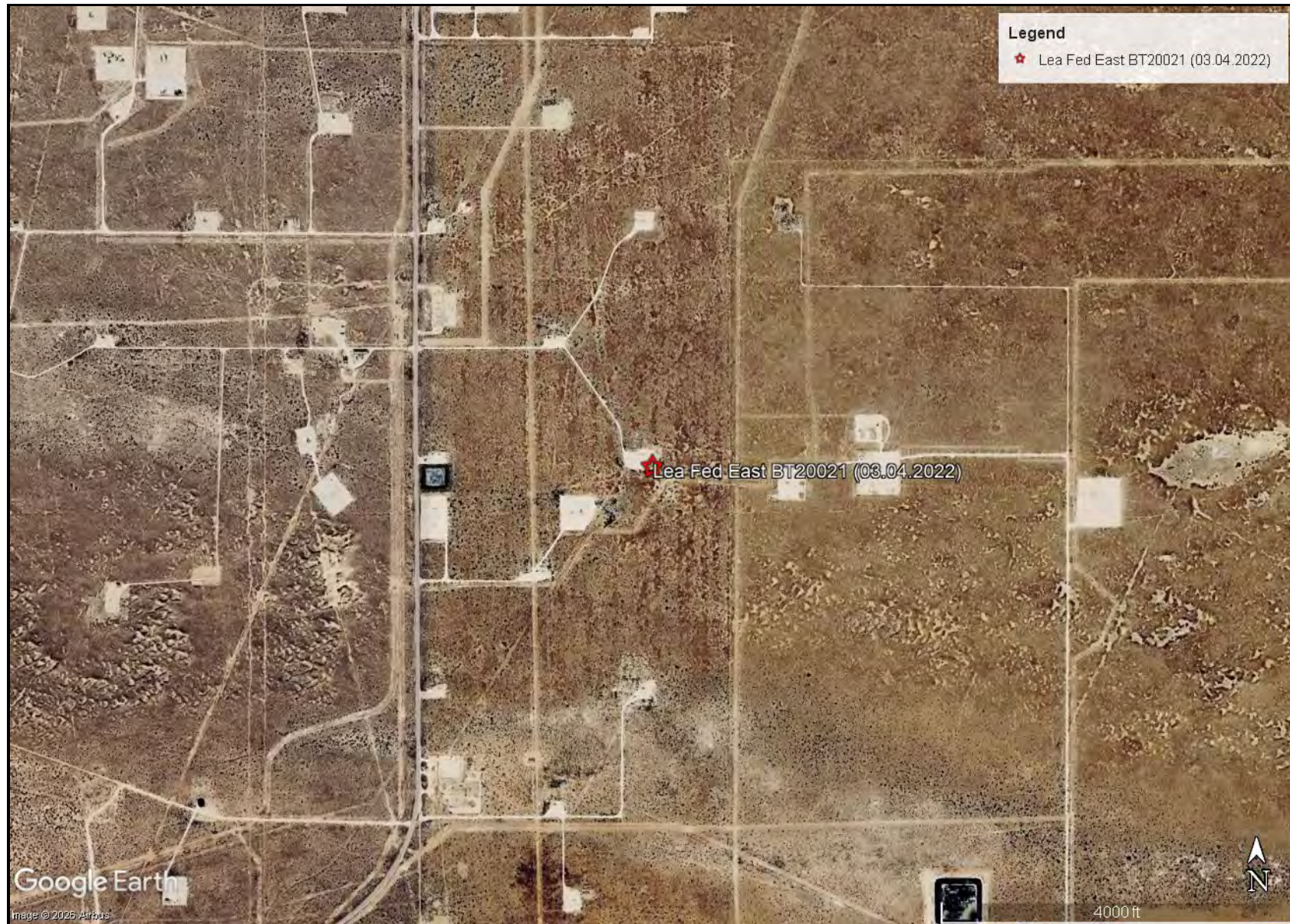
A handwritten signature in black ink, appearing to read 'Gilbert Priego'.

Gilbert Priego
Project Manager

FIGURES

CARMONA RESOURCES



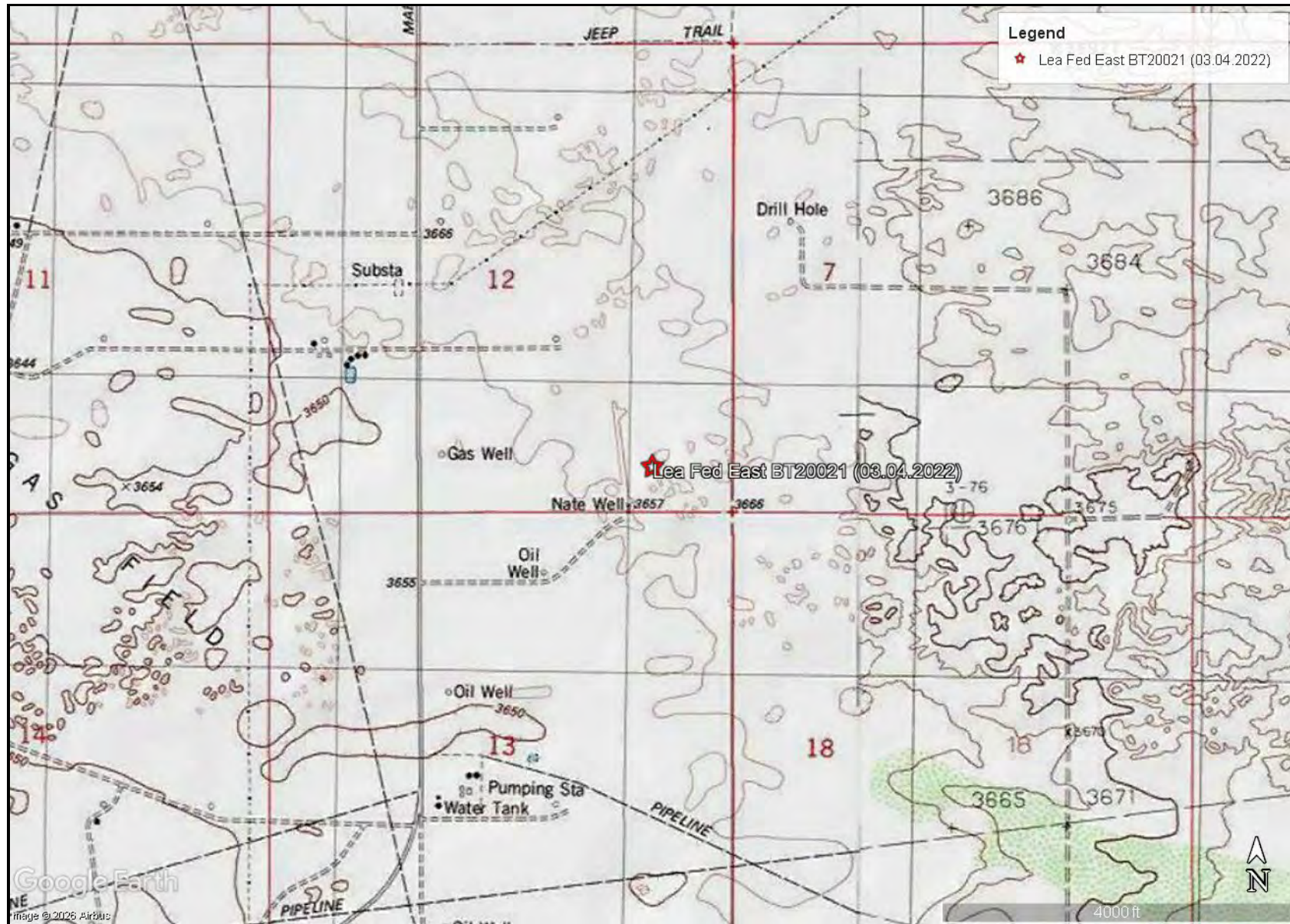


OVERVIEW MAP
COTERRA ENERGY OPERATING CO.
LEA FED EAST BT20021 (03.04.2022)
LEA COUNTY, NEW MEXICO
32.581831°, -103.508037°

CARMONA RESOURCES



FIGURE 1

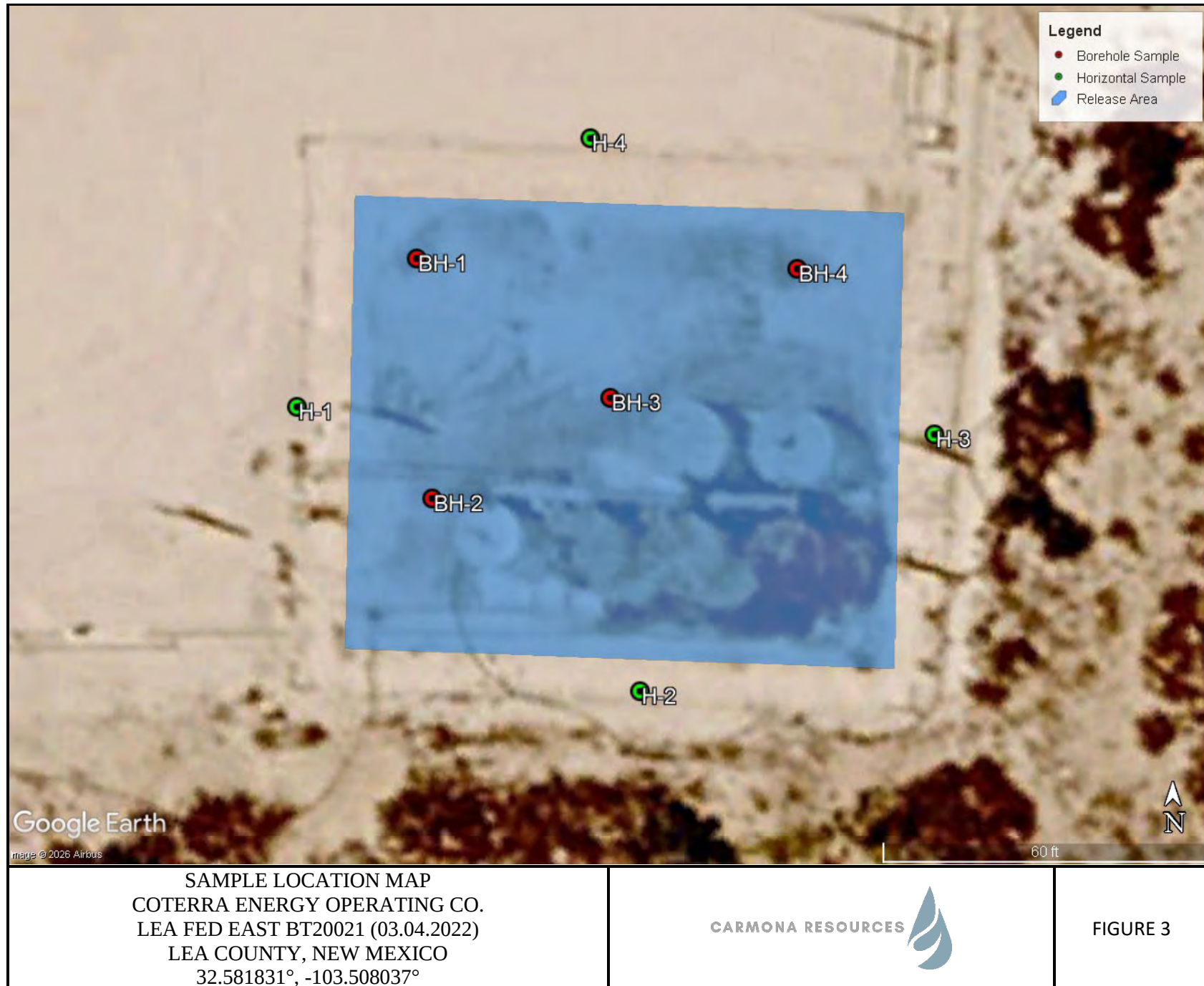


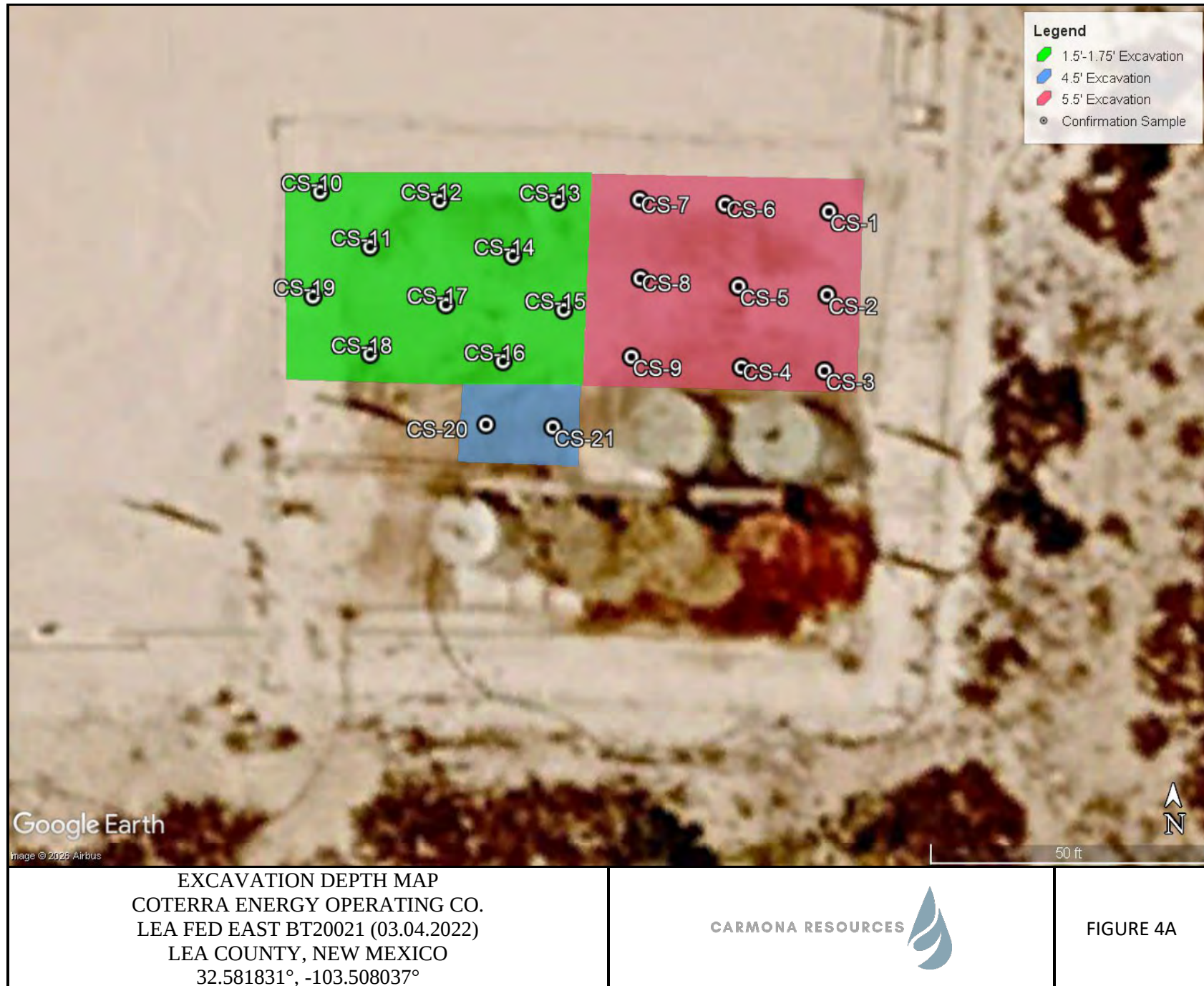
TOPOGRAPHIC MAP
COTERRA ENERGY OPERATING CO.
LEA FED EAST BT20021 (03.04.2022)
LEA COUNTY, NEW MEXICO
32.581831°, -103.508037°

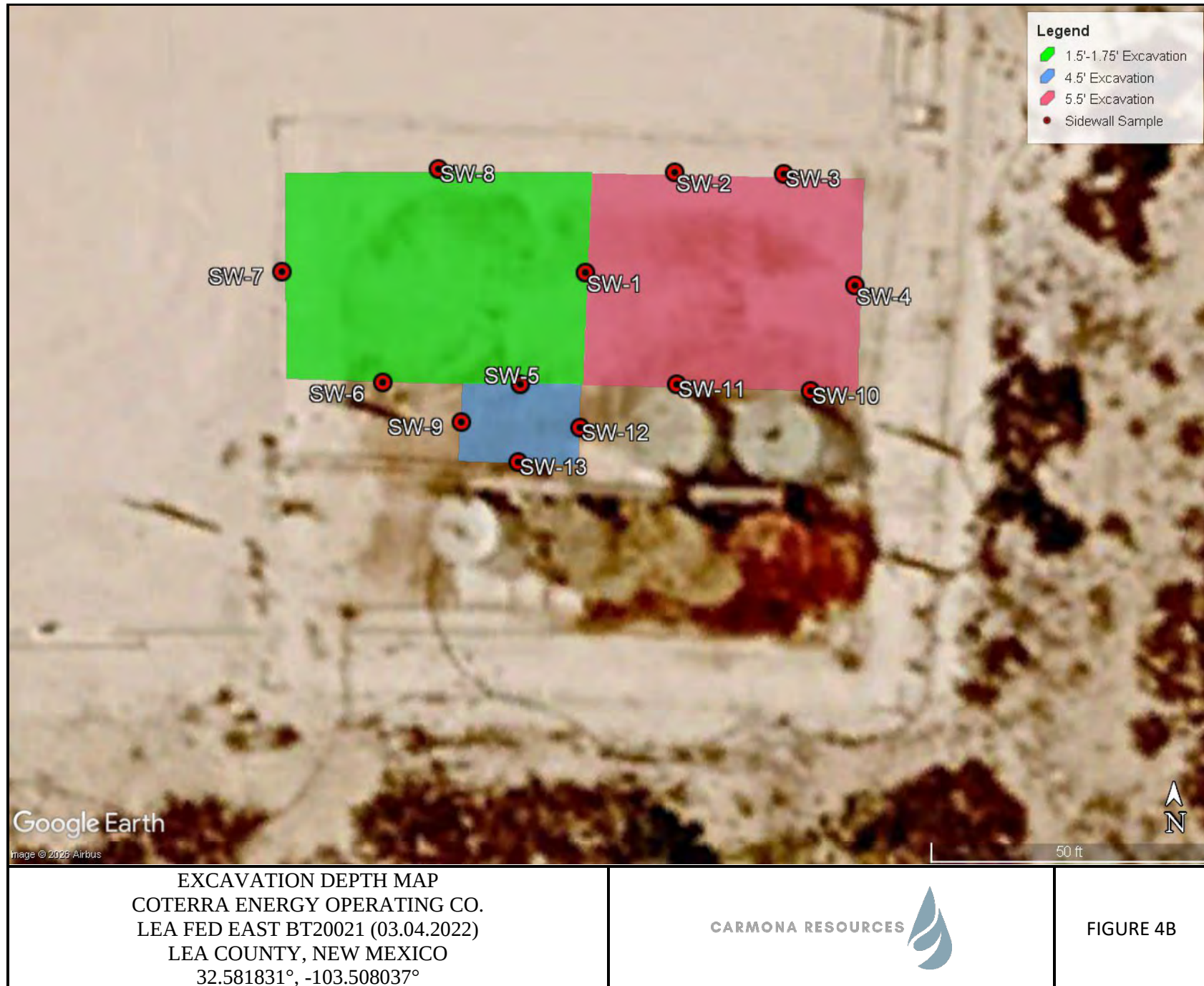
CARMONA RESOURCES

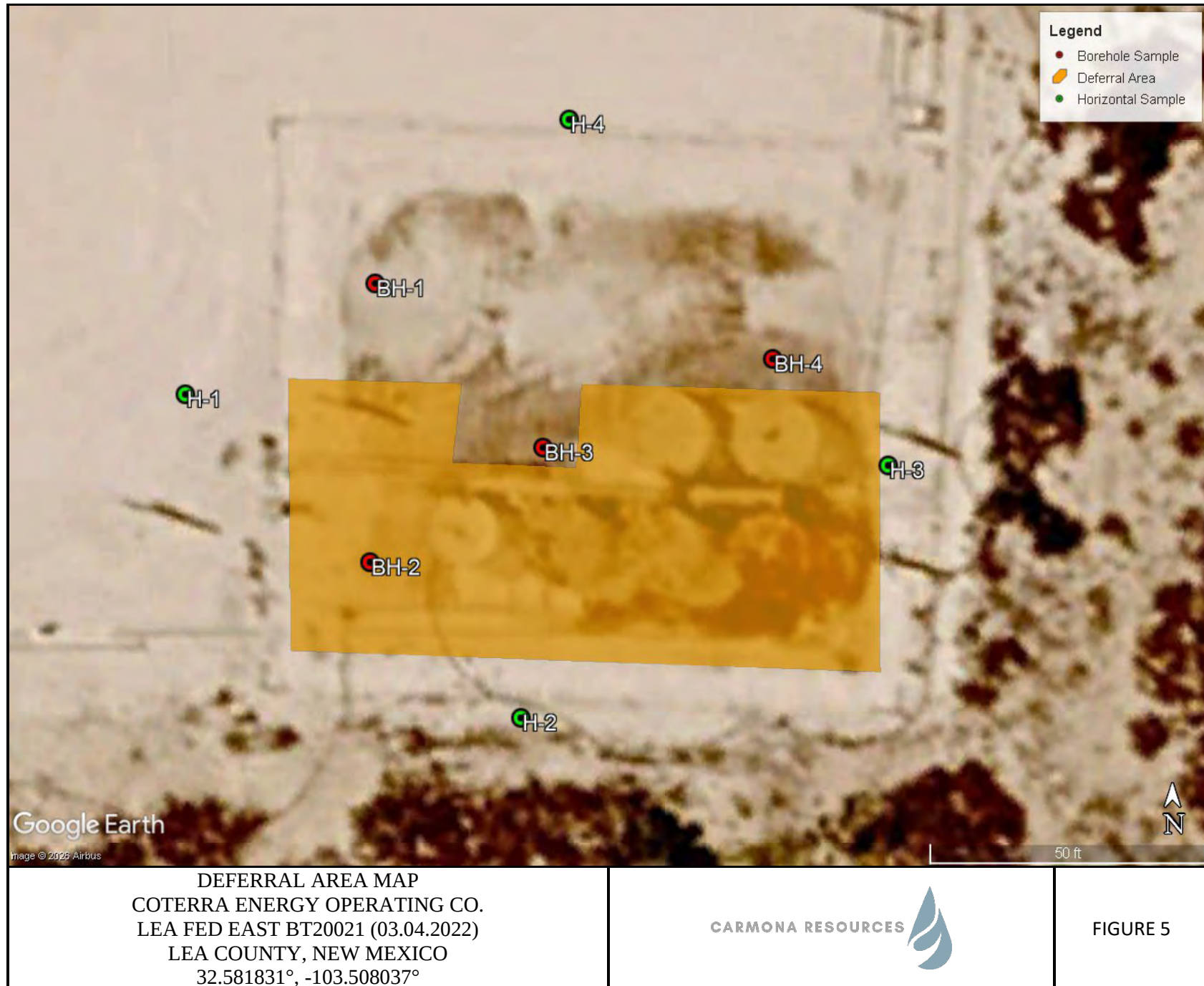


FIGURE 2









APPENDIX A

CARMONA RESOURCES



Table 1
Coterra Energy Operating Co.
Lea Fed East BT20021 (03.04.2022)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
BH-1	2/13/2026	0-1'	<250	2,390	<250	2,390	<0.00200	<0.00200	<0.00200	0.00666	0.00666	78.9
	"	2'	<50.0	57.2	<50.0	57.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	57.8
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	0.00679	0.00679	72.4
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	177
	"	5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	253
	"	6'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	99.3
	"	7'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	35.0
BH-2	2/13/2026	0-1'	1,080	4,830	407	6,320	0.0112	0.358	0.242	1.01	1.62	663
	"	2'	251	2,520	193	2,960	<0.00199	0.0448	0.0585	0.285	0.388	381
	"	3'	142	1,920	101	2,160	<0.00198	0.0101	0.0214	0.116	0.147	314
	"	4'	69.6	1,690	<50.0	1,760	<0.0396	0.0432	0.140	0.459	0.642	157
	"	5'	<50.0	903	<50.0	903	<0.0399	<0.0399	0.137	0.369	0.506	141
	"	6'	<49.8	135	<49.8	135	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	128
	"	7'	<50.0	158	<50.0	158	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	191
	"	8'	<49.9	147	<49.9	147	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	137
	"	9'	<50.0	185	<50.0	185	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	80.5
	"	10'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	65.7
	"	15'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	981
BH-3	2/13/2026	0-1'	<50.0	3,600	702	4,300	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	677
	"	2'	<49.8	795	656	1,450	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	325
	"	3'	<49.8	270	<49.8	270	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	389
	"	4'	<50.0	139	88.8	228	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	360
	"	5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	518
	"	6'	<50.1	59.8	<50.1	59.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	446
	"	7'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	460
	"	8'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	496
	"	9'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	491
	"	10'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	527
BH-4	2/13/2026	0-1'	83.5	1,060	110	1,250	0.00266	0.0187	0.0127	0.302	0.336	30.8
	"	2'	872	5,350	283	6,510	<0.0402	1.94	0.747	7.48	10.2	13.4
	"	3'	946	5,560	255	6,760	<0.0404	1.89	0.848	8.65	11.4	13.6
	"	4'	723	3,880	<249	4,600	<0.0398	0.0613	1.21	20.4	21.6	<10.0
	"	5'	774	3,670	<250	4,440	<0.0396	<0.0396	7.21	26.9	31.8	10.4
	"	6'	75.1	756	<49.8	831	<0.00201	0.0394	0.0250	0.0552	0.120	18.7
	"	7'	<50.0	222	<50.0	222	<0.00202	0.0107	0.0106	0.0175	0.0388	44.6
	"	8'	<49.9	70.2	<49.9	70.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	33.4
	"	9'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	0.0118	0.0118	27.3
	"	10'	<49.9	80.1	<49.9	80.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	15.8
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(BH) - Borehole Sample

Removed

Deferral Area

Table 1
Coterra Energy Operating Co.
Lea Fed East BT20021 (03.04.2022)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	2/13/2026	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.90
H-2	2/13/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0
H-3	2/13/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.90
H-4	2/13/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	232
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
Coterra Energy Operating Co.
Lea Fed East BT20021 (03.04.2022)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	6/9/2026	5.5'	<50.0	199	<50.0	199	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	178
CS-2	6/9/2026	5.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	110
CS-3	6/9/2026	5.5'	<50.1	359	163	522	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	10.2
CS-4	6/9/2026	5.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	398
CS-5	6/9/2026	5.5'	<50.1	262	<50.1	262	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	164
CS-6	6/9/2026	5.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	118
CS-7	6/9/2026	5.5'	<50.0	274	<50.0	274	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	83.5
CS-8	6/9/2026	5.5'	<49.9	345	80.0	425	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	10.1
CS-9	6/9/2026	5.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	329
CS-10	6/9/2026	1.5'	<49.9	242	<49.9	242	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	155
CS-11	6/9/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	104
CS-12	6/9/2026	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	83.5
CS-13	6/9/2026	1.5'	<50.1	250	55.3	305	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	82.4
CS-14	6/9/2026	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.6
CS-15	6/9/2026	1.5'	<50.0	2,220	292	2,510	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	328
	6/10/2026	1.75'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-16	6/9/2026	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	0.00637	0.00637	13.0
CS-17	6/9/2026	1.5'	<49.9	2,840	806	3,650	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	13.2
	6/10/2026	1.75'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-18	6/9/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	0.00538	0.00538	134
CS-19	6/9/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	418
CS-20	6/9/2026	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	80.8
CS-21	6/9/2026	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	107
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) - Confirmation Sample

Removed

Table 2
Coterra Energy Operating Co.
Lea Fed East BT20021 (03.04.2022)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	6/9/2026	1.5-5.5'	<49.8	59.2	<49.8	59.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	15.2
SW-2	6/9/2026	5.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.94
SW-3	6/9/2026	5.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	25.3
SW-4	6/9/2026	5.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	29.1
SW-5	6/9/2026	1.5-4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	18.8
SW-6	6/9/2026	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0
SW-7	6/9/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	23.3
SW-8	6/9/2026	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	32.1
SW-9	6/9/2026	4.5'	<50.0	74.4	<50.0	74.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.8
SW-10	6/10/2026	5.5'	<50.1	947	259	1,210	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	235
SW-11	6/10/2026	5.5'	<50.1	4,850	194	5,040	0.149	<0.0199	<0.0199	2.59	2.74	79.8
SW-12	6/10/2026	4.5'	<50.1	4,930	196	5,130	<0.00202	<0.00202	<0.00202	0.0102	0.0102	126
SW-13	6/10/2026	4.5'	<50.2	3,750	205	3,960	0.00571	0.00485	0.0130	0.00520	0.0288	94.3
Backfill	6/9/2026	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	159
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

(Backfill) - Backfill Sample

Deferral Area

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 1

Facility: Lea Fed East BT20021
(03.04.2022)

County: Lea County, New Mexico

Description:

View South, area of BH-1.

**Photograph No. 2**

Facility: Lea Fed East BT20021
(03.04.2022)

County: Lea County, New Mexico

Description:

View North, area of BH-2.

**Photograph No. 3**

Facility: Lea Fed East BT20021
(03.04.2022)

County: Lea County, New Mexico

Description:

View South, area of BH-3.



PHOTOGRAPHIC LOG**Coterra Energy Operating Co.****Photograph No. 4****Facility:** Lea Fed East BT20021
(03.04.2022)**County:** Lea County, New Mexico**Description:**

View North, area of BH-4.

**Photograph No. 5****Facility:** Lea Fed East BT20021
(03.04.2022)**County:** Lea County, New Mexico**Description:**

View Southeast of tank battery facility.

**Photograph No. 6****Facility:** Lea Fed East BT20021
(03.04.2022)**County:** Lea County, New Mexico**Description:**

View Southeast of CS-1 to CS-21.



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 7

Facility: Lea Fed East BT20021
(03.04.2022)

County: Lea County, New Mexico

Description:

View Northeast CS-1 through CS-21.

**Photograph No. 8**

Facility: Lea Fed East BT20021
(03.04.2022)

County: Lea County, New Mexico

Description:

View Southeast of CS-20 and CS-21.

**Photograph No. 9**

Facility: Lea Fed East BT20021
(03.04.2022)

County: Lea County, New Mexico

Description:

View Northwest of CS-1 through CS-19.



PHOTOGRAPHIC LOG**Coterra Energy Operating Co.****Photograph No. 10****Facility:** Lea Fed East BT20021
(03.04.2022)**County:** Lea County, New Mexico**Description:**

View West of CS-1 through CS-9.

**Photograph No. 11****Facility:** Lea Fed East BT20021
(03.04.2022)**County:** Lea County, New Mexico**Description:**

View Southeast of CS-1 through CS-9.

**Photograph No. 12****Facility:** Lea Fed East BT20021
(03.04.2022)**County:** Lea County, New Mexico**Description:**

View Southwest of CS-10 through CS-21.



APPENDIX C

CARMONA RESOURCES



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 87216

QUESTIONS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 87216
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all of the questions in this group.	
Site Name	{fAPP2135051899} Lea Fed East BT20021
Date Release Discovered	03/04/2022
Surface Owner	Private

Incident Details	
Please answer all of the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	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: Corrosion Production Tank Crude Oil Released: 258 BBL Recovered: 124 BBL Lost: 134 BBL]
Produced Water Released (bbls) Details	Not answered.
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	Not answered.
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)	The spilled oil was contained inside the earthen berm around the production tanks at the battery and 124 bbls was recovered and returned to the other tanks onsite.

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QUESTIONS, Page 2

Action 87216

QUESTIONS (continued)

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 87216
	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 19.15.29.7(A) NMAC	Yes, major release.
Reasons why this would be considered a submission for a notification of a major release	Unauthorized release of a volume, excluding gases, of 25 barrels or more
If YES, was immediate notice given to the OCD, by whom	Dwight Mallory
If YES, was immediate notice given to the OCD, to whom	Mike Bratcher
If YES, was immediate notice given to the OCD, when	03/04/2022
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	email
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 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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ACKNOWLEDGMENTS

Action 87216

ACKNOWLEDGMENTS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 87216
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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

CONDITIONS

Action 87216

CONDITIONS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 87216
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
malloryd01	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	3/4/2022

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 592486

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 592486
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2206348945
Incident Name	NAPP2206348945 {FAPP2135051899} LEA FED EAST BT20021 @ FAPP2135051899
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Facility	[fAPP2135051899] LEA FED EAST BT20021

Location of Release Source	
Site Name	{FAPP2135051899} LEA FED EAST BT20021
Date Release Discovered	03/04/2022
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	3,781
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/09/2026
Time sampling will commence	11:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources - 432-813-8988 Samples will be collected from the remediated area.
Please provide any information necessary for navigation to sampling site	32.581831°, -103.508037°

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/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 592486

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 592486
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/5/2026
athielke	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.	6/5/2026

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 592501

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 592501
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2206348945
Incident Name	NAPP2206348945 {FAPP2135051899} LEA FED EAST BT20021 @ FAPP2135051899
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Facility	[fAPP2135051899] LEA FED EAST BT20021

Location of Release Source	
Site Name	{FAPP2135051899} LEA FED EAST BT20021
Date Release Discovered	03/04/2022
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	3,781
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/10/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources - 432-813-8988 Samples will be collected from the remediated area.
Please provide any information necessary for navigation to sampling site	32.581831°, -103.508037°

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 592501

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 592501
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/5/2026
athielke	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.	6/5/2026

APPENDIX D

CARMONA RESOURCES



Nearest water well

Coterra Enegy

Legend

- 0.46 Miles
- 0.50 Mile Radius
- Groundwater Determination Bore
- Lea Fed East BT20021 (03.04.2022)



Lea Fed East BT20021 (03.04.2022)

52' GWDB - Drilled 2025



3000 ft

Low Karst

Coterra Enegy

Legend

- Lea Fed East BT20021 (03.04.2022)
- Low

Lea Fed East BT20021 (03.04.2022)



3000 ft



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 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
CP 00654 POD1		CP	LE		SE	SE	12	20S	34E	640103.0	3605947.0 *		78	60		
CP 02092 POD1		CP	LE	NE	NE	NW	13	20S	34E	639320.6	3605662.2		754	60	52	8
CP 02083 POD1		CP	LE	SE	NW	NW	12	20S	34E	638959.6	3607049.5		1563	105		
L 04157		L	LE		SW	SW	06	20S	35E	640483.0	3607561.0 *		1709	70	64	6
CP 02095 POD1		CP	LE	NE	NW	SE	24	20S	34E	639936.5	3603209.7		2704	105		
CP 00665		CP	LE		NW	SE	24	20S	34E	639740.0	3603128.0 *		2799	698	270	428
CP 00655 POD1		CP	LE		SW	NW	14	20S	34E	637294.0	3605108.0 *		2854	210		
L 15987 POD1		L	LE	NW	NW	SE	19	20S	35E	641197.3	3603153.5		2994	105		
CP 00800 POD1		CP	LE	NE	NE	NE	22	20S	34E	637007.0	3603994.0 *		3582	220		
L 04158		L	LE		NE	SE	05	20S	35E	643290.0	3608008.0 *		3873	70	64	6
CP 01204 POD1		CP	LE	SW	NW	NW	25	20S	34E	638755.1	3602250.6		3877	370		

Average Depth to Water: 112 feet

Minimum Depth: 52 feet

Maximum Depth: 270 feet

Record Count: 11

UTM Filters (in meters):

Easting: 640033.00
Northing: 3605912.00
Radius: 4000

* UTM location was derived from PLSS - see Help

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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S). CP-02092		
	WELL OWNER NAME(S) Coterra Energy Co.				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 840 Gessner Rd. Ste. 1400				CITY Houston	STATE TX	ZIP 77024
	WELL LOCATION (FROM GPS)	DEGREES		MINUTES	SECONDS	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
		LATITUDE		32	34		
LONGITUDE		103	30	56.4 W			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE S13 T20s R34e							

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 11-17-25	DRILLING ENDED 11-17-25	DEPTH OF COMPLETED WELL (FT) 60'	BORE HOLE DEPTH (FT) 60'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 11-25-25		
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0'	60'	6'	No casing left in hole				

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

FOR OSE INTERNAL USE

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

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

4. HYDROGEOLOGIC LOG OF WELL

5. TEST: RIG SUPERVISION

6. SIGNATURE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO	PAGE 2 OF 2	



PLUGGING RECORD



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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-02092

Well owner: Coterra Energy Co.

Phone No.: 432-208-3035

Mailing address: 840 Gessner Rd. Ste. 1400

City: Houston

State: TX

Zip code: 77024-4152

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: H&R Enterprises, LLC

2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/16/27

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Nathan Smelcer

4) Date well plugging began: 11/25/25 Date well plugging concluded: 11/25/25

5) GPS Well Location: Latitude: 32 deg, 34 min, 46.8 sec
Longitude: 103 deg, 30 min, 56.4 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 60' ft below ground level (bgl),
by the following manner: Well Sounder

7) Static water level measured at initiation of plugging: 52' ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 9/29/25

9) Were all plugging activities consistent with an approved plugging plan? no If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

In the approved plugging plan, we were planning on plugging from 105' BGS to surface. We did encounter water during drilling at 52', driller stopped at 60'. The well is plugged from 60' BGS to surface with hydrated bentonite hole plug.

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

III. SIGNATURE:

Signature of Well Driller

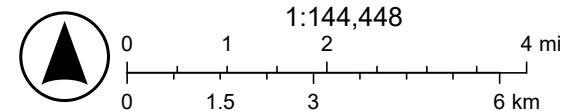
Date _____

Lea Fed East BT20021 (03.04.2022)



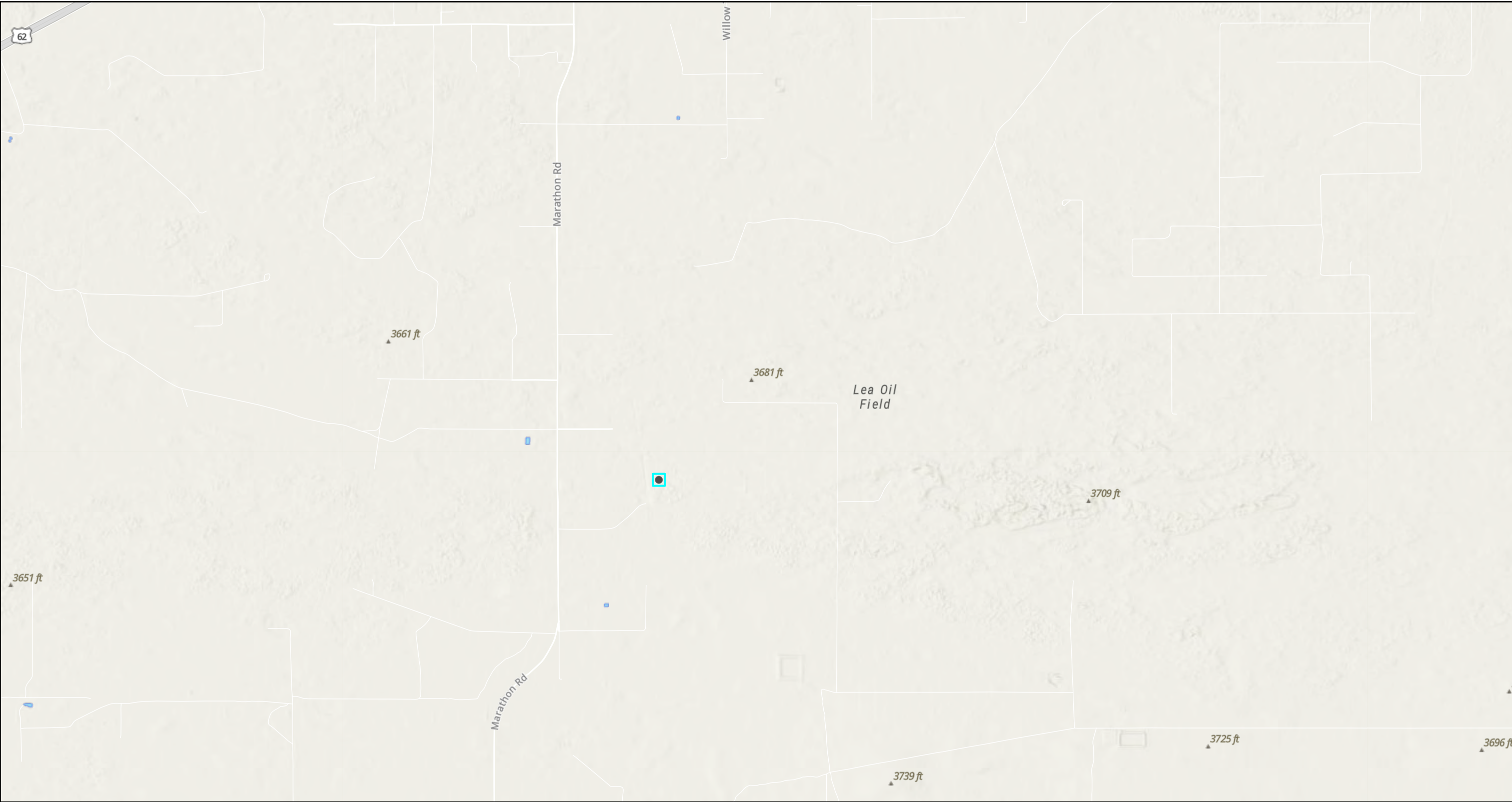
2/3/2026

World_Hillshade



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

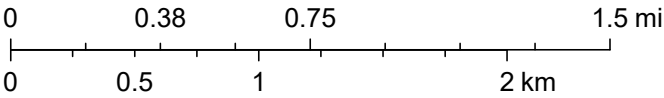
Lea Fed East BT20021 (03.04.2022)



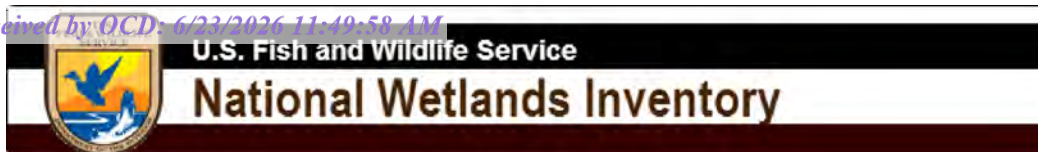
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OSW Water Bodys

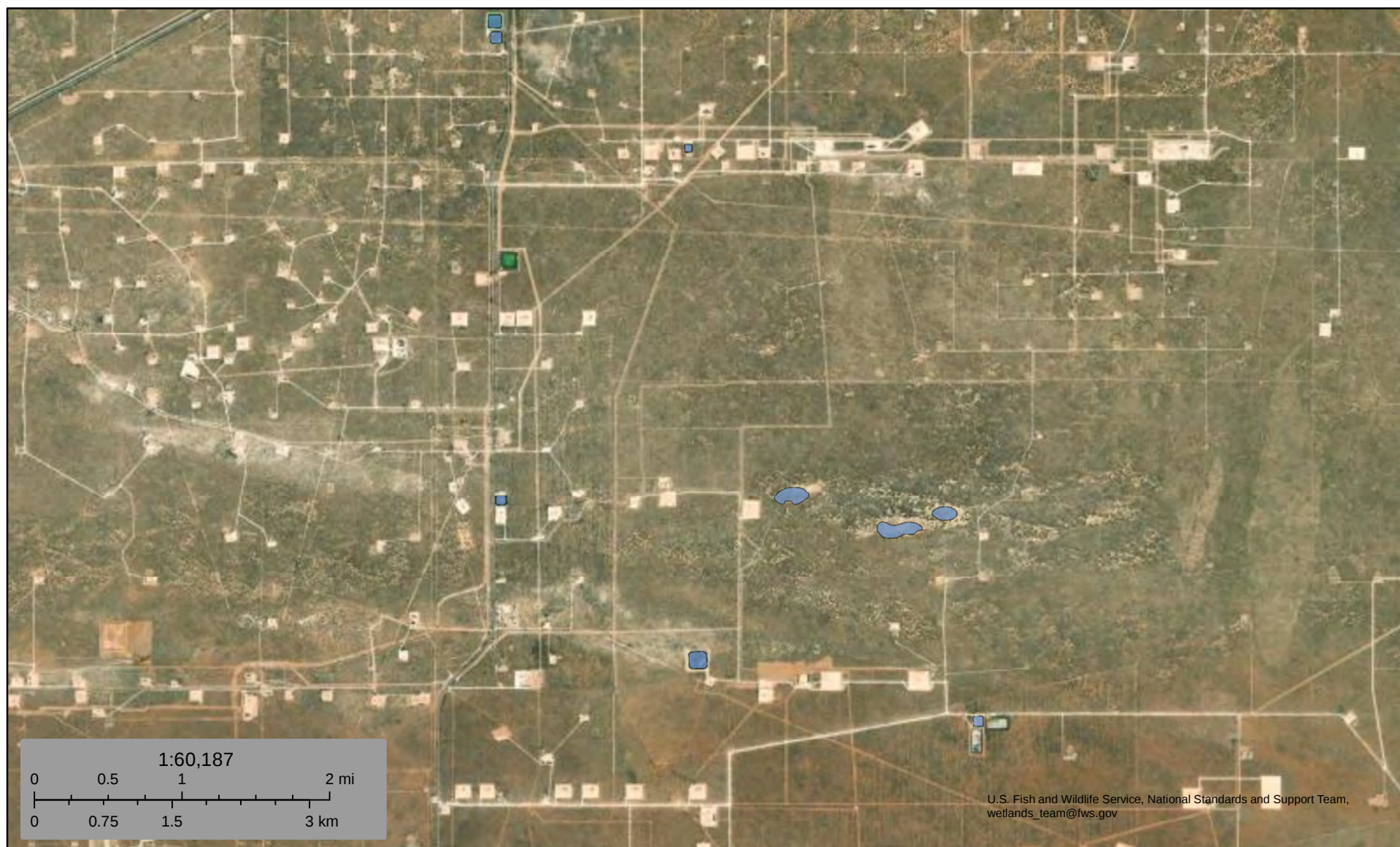
1:36,112



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Lea Fed East BT20021 (03.04.2022)



February 3, 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

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ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Lea Fed East BT20021
Lea County New Mexico

JOB NUMBER

880-68243-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



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2/19/2026 2:13:11 PM

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

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Laboratory Job ID: 880-68243-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
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.
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.

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: Lea Fed East BT20021

Job ID: 880-68243-1

Job ID: 880-68243-1

Eurofins Midland

Job Narrative 880-68243-1

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 2/13/2026 11:36 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.7°C.

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH - 1 (0-1') (880-68243-1), BH - 2 (0-1') (880-68243-8), BH - 2 (2') (880-68243-9) and BH - 2 (3') (880-68243-10). 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: (880-68243-A-1-C MS) and (880-68243-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-132181 and analytical batch 880-132045 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 control limits: BH - 2 (6') (880-68243-13). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: BH - 2 (4') (880-68243-11) and BH - 2 (5') (880-68243-12). Elevated reporting limits (RLs) are provided.

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 samples were outside control limits: BH - 2 (0-1') (880-68243-8), BH - 2 (2') (880-68243-9) and BH - 2 (3') (880-68243-10). 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: BH - 1 (0-1') (880-68243-1), (880-68242-A-10-D MS) and (880-68242-A-10-E 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 sample was outside control limits: (LCSD 880-131772/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: BH - 2 (4') (880-68243-11), BH - 3 (0-1') (880-68243-19) and BH - 3 (9') (880-68243-27). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-68243-A-11-D MSD). 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 880-131773

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Case Narrative

Client: Carmona Resources
Project: Lea Fed East BT20021

Job ID: 880-68243-1

Job ID: 880-68243-1 (Continued) Eurofins Midland

and analytical batch 880-132163 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131762 and analytical batch 880-131870 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: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68243-1

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		02/17/26 09:11	02/17/26 22:08	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		02/17/26 09:11	02/17/26 22:08	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		02/17/26 09:11	02/17/26 22:08	1
m-Xylene & p-Xylene	0.00666	F2 F1	0.00399		mg/Kg		02/17/26 09:11	02/17/26 22:08	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		02/17/26 09:11	02/17/26 22:08	1
Xylenes, Total	0.00666	F2 F1	0.00399		mg/Kg		02/17/26 09:11	02/17/26 22:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	02/17/26 09:11	02/17/26 22:08	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/17/26 09:11	02/17/26 22:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00666		0.00399		mg/Kg			02/17/26 22:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2390		250		mg/Kg			02/17/26 22:42	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	<250	U	250		mg/Kg		02/13/26 14:04	02/17/26 22:42	5
Diesel Range Organics (Over C10-C28)	2390		250		mg/Kg		02/13/26 14:04	02/17/26 22:42	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		02/13/26 14:04	02/17/26 22:42	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	124		70 - 130	02/13/26 14:04	02/17/26 22:42	5
o-Terphenyl (Surr)	186	S1+	70 - 130	02/13/26 14:04	02/17/26 22:42	5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.9		10.1		mg/Kg			02/16/26 13:33	1

Client Sample ID: BH - 1 (2')

Lab Sample ID: 880-68243-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/17/26 09:11	02/17/26 22:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/17/26 09:11	02/17/26 22:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/17/26 09:11	02/17/26 22:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/17/26 09:11	02/17/26 22:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/17/26 09:11	02/17/26 22:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/17/26 09:11	02/17/26 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	02/17/26 09:11	02/17/26 22:28	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/17/26 09:11	02/17/26 22:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 1 (2')

Lab Sample ID: 880-68243-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/17/26 22:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	57.2		50.0		mg/Kg			02/17/26 22:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 22:57	1
Diesel Range Organics (Over C10-C28)	57.2		50.0		mg/Kg		02/13/26 14:04	02/17/26 22:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 22:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				02/13/26 14:04	02/17/26 22:57	1
o-Terphenyl (Surr)	120		70 - 130				02/13/26 14:04	02/17/26 22:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.8		10.0		mg/Kg			02/16/26 14:19	1

Client Sample ID: BH - 1 (3')

Lab Sample ID: 880-68243-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/17/26 09:11	02/17/26 22:49	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/17/26 09:11	02/17/26 22:49	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/17/26 09:11	02/17/26 22:49	1
m-Xylene & p-Xylene	0.00679		0.00404		mg/Kg		02/17/26 09:11	02/17/26 22:49	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/17/26 09:11	02/17/26 22:49	1
Xylenes, Total	0.00679		0.00404		mg/Kg		02/17/26 09:11	02/17/26 22:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				02/17/26 09:11	02/17/26 22:49	1
1,4-Difluorobenzene (Surr)	103		70 - 130				02/17/26 09:11	02/17/26 22:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00679		0.00404		mg/Kg			02/17/26 22:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/17/26 23:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/13/26 14:04	02/17/26 23:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/26 14:04	02/17/26 23:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 1 (3')

Lab Sample ID: 880-68243-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/26 14:04	02/17/26 23:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130				02/13/26 14:04	02/17/26 23:11	1
o-Terphenyl (Surr)	124		70 - 130				02/13/26 14:04	02/17/26 23:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.4		9.90		mg/Kg			02/16/26 14:36	1

Client Sample ID: BH - 1 (4')

Lab Sample ID: 880-68243-4

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/17/26 09:11	02/17/26 23:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/17/26 09:11	02/17/26 23:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/17/26 09:11	02/17/26 23:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/17/26 09:11	02/17/26 23:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/17/26 09:11	02/17/26 23:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/17/26 09:11	02/17/26 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				02/17/26 09:11	02/17/26 23:09	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/17/26 09:11	02/17/26 23:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/17/26 23:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/17/26 23:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/26 14:04	02/17/26 23:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/26 14:04	02/17/26 23:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:04	02/17/26 23:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				02/13/26 14:04	02/17/26 23:26	1
o-Terphenyl (Surr)	122		70 - 130				02/13/26 14:04	02/17/26 23:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	177		10.0		mg/Kg			02/16/26 14:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 1 (5')

Lab Sample ID: 880-68243-5

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/17/26 09:11	02/17/26 23:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/17/26 09:11	02/17/26 23:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/17/26 09:11	02/17/26 23:30	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/17/26 09:11	02/17/26 23:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/17/26 09:11	02/17/26 23:30	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/17/26 09:11	02/17/26 23:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/17/26 09:11	02/17/26 23:30	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/17/26 09:11	02/17/26 23:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/17/26 23:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/26 23:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 23:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 23:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 23:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	02/13/26 14:04	02/17/26 23:40	1
o-Terphenyl (Surr)	119		70 - 130	02/13/26 14:04	02/17/26 23:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	253		10.0		mg/Kg			02/16/26 14:47	1

Client Sample ID: BH - 1 (6')

Lab Sample ID: 880-68243-6

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/17/26 09:11	02/17/26 23:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/17/26 09:11	02/17/26 23:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/17/26 09:11	02/17/26 23:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/17/26 09:11	02/17/26 23:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/17/26 09:11	02/17/26 23:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/17/26 09:11	02/17/26 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/17/26 09:11	02/17/26 23:50	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/17/26 09:11	02/17/26 23:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 1 (6')

Lab Sample ID: 880-68243-6

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/17/26 23:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/17/26 23:55	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		02/13/26 14:04	02/17/26 23:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/26 14:04	02/17/26 23:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:04	02/17/26 23:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130				02/13/26 14:04	02/17/26 23:55	1
o-Terphenyl (Surr)	117		70 - 130				02/13/26 14:04	02/17/26 23:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.3		10.1		mg/Kg			02/16/26 14:52	1

Client Sample ID: BH - 1 (7')

Lab Sample ID: 880-68243-7

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/17/26 09:11	02/18/26 00:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/17/26 09:11	02/18/26 00:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/17/26 09:11	02/18/26 00:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/17/26 09:11	02/18/26 00:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/17/26 09:11	02/18/26 00:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/17/26 09:11	02/18/26 00:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				02/17/26 09:11	02/18/26 00:10	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/17/26 09:11	02/18/26 00:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/18/26 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	<50.0	U	50.0		mg/Kg			02/18/26 00:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/18/26 00:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/18/26 00:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 1 (7')

Lab Sample ID: 880-68243-7

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/13/26 14:04	02/18/26 00:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				02/13/26 14:04	02/18/26 00:09	1
o-Terphenyl (Surr)	118		70 - 130				02/13/26 14:04	02/18/26 00:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.0		9.90		mg/Kg			02/16/26 15:10	1

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

Lab Sample ID: 880-68243-8

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0112		0.00202		mg/Kg		02/17/26 09:11	02/18/26 00:31	1
Toluene	0.358		0.00202		mg/Kg		02/17/26 09:11	02/18/26 00:31	1
Ethylbenzene	0.242		0.00202		mg/Kg		02/17/26 09:11	02/18/26 00:31	1
m-Xylene & p-Xylene	0.667		0.00404		mg/Kg		02/17/26 09:11	02/18/26 00:31	1
o-Xylene	0.342		0.00202		mg/Kg		02/17/26 09:11	02/18/26 00:31	1
Xylenes, Total	1.01		0.00404		mg/Kg		02/17/26 09:11	02/18/26 00:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	576	S1+	70 - 130				02/17/26 09:11	02/18/26 00:31	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/17/26 09:11	02/18/26 00:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.62		0.00404		mg/Kg			02/18/26 00:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6320		249		mg/Kg			02/18/26 00:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1080		249		mg/Kg		02/13/26 14:04	02/18/26 00:24	5
Diesel Range Organics (Over C10-C28)	4830		249		mg/Kg		02/13/26 14:04	02/18/26 00:24	5
Oil Range Organics (Over C28-C36)	407		249		mg/Kg		02/13/26 14:04	02/18/26 00:24	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	156	S1+	70 - 130				02/13/26 14:04	02/18/26 00:24	5
o-Terphenyl (Surr)	239	S1+	70 - 130				02/13/26 14:04	02/18/26 00:24	5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	663		10.1		mg/Kg			02/16/26 15:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 2 (2')

Lab Sample ID: 880-68243-9

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/17/26 09:11	02/18/26 00:51	1
Toluene	0.0448		0.00199		mg/Kg		02/17/26 09:11	02/18/26 00:51	1
Ethylbenzene	0.0585		0.00199		mg/Kg		02/17/26 09:11	02/18/26 00:51	1
m-Xylene & p-Xylene	0.195		0.00398		mg/Kg		02/17/26 09:11	02/18/26 00:51	1
o-Xylene	0.0900		0.00199		mg/Kg		02/17/26 09:11	02/18/26 00:51	1
Xylenes, Total	0.285		0.00398		mg/Kg		02/17/26 09:11	02/18/26 00:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	299	S1+	70 - 130	02/17/26 09:11	02/18/26 00:51	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/17/26 09:11	02/18/26 00:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.388		0.00398		mg/Kg			02/18/26 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	2960		50.0		mg/Kg			02/18/26 00:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	251		50.0		mg/Kg		02/13/26 14:04	02/18/26 00:37	1
Diesel Range Organics (Over C10-C28)	2520		50.0		mg/Kg		02/13/26 14:04	02/18/26 00:37	1
Oil Range Organics (Over C28-C36)	193		50.0		mg/Kg		02/13/26 14:04	02/18/26 00:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130	02/13/26 14:04	02/18/26 00:37	1
o-Terphenyl (Surr)	166	S1+	70 - 130	02/13/26 14:04	02/18/26 00:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	381		10.1		mg/Kg			02/16/26 15:21	1

Client Sample ID: BH - 2 (3')

Lab Sample ID: 880-68243-10

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/17/26 09:11	02/18/26 01:12	1
Toluene	0.0101		0.00198		mg/Kg		02/17/26 09:11	02/18/26 01:12	1
Ethylbenzene	0.0214		0.00198		mg/Kg		02/17/26 09:11	02/18/26 01:12	1
m-Xylene & p-Xylene	0.0770		0.00396		mg/Kg		02/17/26 09:11	02/18/26 01:12	1
o-Xylene	0.0387		0.00198		mg/Kg		02/17/26 09:11	02/18/26 01:12	1
Xylenes, Total	0.116		0.00396		mg/Kg		02/17/26 09:11	02/18/26 01:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	228	S1+	70 - 130	02/17/26 09:11	02/18/26 01:12	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/17/26 09:11	02/18/26 01:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 2 (3')

Lab Sample ID: 880-68243-10

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.147		0.00396		mg/Kg			02/18/26 01:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2160		50.1		mg/Kg			02/18/26 00:53	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	142		50.1		mg/Kg		02/13/26 14:04	02/18/26 00:53	1
Diesel Range Organics (Over C10-C28)	1920		50.1		mg/Kg		02/13/26 14:04	02/18/26 00:53	1
Oil Range Organics (Over C28-C36)	101		50.1		mg/Kg		02/13/26 14:04	02/18/26 00:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	128		70 - 130				02/13/26 14:04	02/18/26 00:53	1
o-Terphenyl (Surr)	162	S1+	70 - 130				02/13/26 14:04	02/18/26 00:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	314		9.98		mg/Kg			02/16/26 15:26	1

Client Sample ID: BH - 2 (4')

Lab Sample ID: 880-68243-11

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0396	U	0.0396		mg/Kg		02/18/26 13:53	02/19/26 12:57	20
Toluene	0.0432		0.0396		mg/Kg		02/18/26 13:53	02/19/26 12:57	20
Ethylbenzene	0.140		0.0396		mg/Kg		02/18/26 13:53	02/19/26 12:57	20
m-Xylene & p-Xylene	0.332		0.0792		mg/Kg		02/18/26 13:53	02/19/26 12:57	20
o-Xylene	0.127		0.0396		mg/Kg		02/18/26 13:53	02/19/26 12:57	20
Xylenes, Total	0.459		0.0792		mg/Kg		02/18/26 13:53	02/19/26 12:57	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				02/18/26 13:53	02/19/26 12:57	20
1,4-Difluorobenzene (Surr)	107		70 - 130				02/18/26 13:53	02/19/26 12:57	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.642		0.0792		mg/Kg			02/19/26 12:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1760		50.0		mg/Kg			02/18/26 10:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	69.6	F2	50.0		mg/Kg		02/13/26 14:11	02/18/26 10:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 2 (4')

Lab Sample ID: 880-68243-11

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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)	1690	F1	50.0		mg/Kg		02/13/26 14:11	02/18/26 10:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 10:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				02/13/26 14:11	02/18/26 10:02	1
o-Terphenyl (Surr)	140	S1+	70 - 130				02/13/26 14:11	02/18/26 10:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	157		10.0		mg/Kg			02/16/26 15:32	1

Client Sample ID: BH - 2 (5')

Lab Sample ID: 880-68243-12

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0399	U	0.0399		mg/Kg		02/18/26 13:53	02/19/26 13:18	20
Toluene	<0.0399	U	0.0399		mg/Kg		02/18/26 13:53	02/19/26 13:18	20
Ethylbenzene	0.137		0.0399		mg/Kg		02/18/26 13:53	02/19/26 13:18	20
m-Xylene & p-Xylene	0.279		0.0798		mg/Kg		02/18/26 13:53	02/19/26 13:18	20
o-Xylene	0.0899		0.0399		mg/Kg		02/18/26 13:53	02/19/26 13:18	20
Xylenes, Total	0.369		0.0798		mg/Kg		02/18/26 13:53	02/19/26 13:18	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				02/18/26 13:53	02/19/26 13:18	20
1,4-Difluorobenzene (Surr)	109		70 - 130				02/18/26 13:53	02/19/26 13:18	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.506		0.0798		mg/Kg			02/19/26 13:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	903		50.0		mg/Kg			02/18/26 10:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 10:49	1
Diesel Range Organics (Over C10-C28)	903		50.0		mg/Kg		02/13/26 14:11	02/18/26 10:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 10:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130				02/13/26 14:11	02/18/26 10:49	1
o-Terphenyl (Surr)	122		70 - 130				02/13/26 14:11	02/18/26 10:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		9.94		mg/Kg			02/16/26 15:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 2 (6')

Lab Sample ID: 880-68243-13

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 10:41	02/18/26 18:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/18/26 10:41	02/18/26 18:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/18/26 10:41	02/18/26 18:01	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/18/26 10:41	02/18/26 18:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/18/26 10:41	02/18/26 18:01	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/18/26 10:41	02/18/26 18:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	386	S1+	70 - 130	02/18/26 10:41	02/18/26 18:01	1
1,4-Difluorobenzene (Surr)	89		70 - 130	02/18/26 10:41	02/18/26 18:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/18/26 18:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	135		49.8		mg/Kg			02/18/26 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/13/26 14:11	02/18/26 11:03	1
Diesel Range Organics (Over C10-C28)	135		49.8		mg/Kg		02/13/26 14:11	02/18/26 11:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/26 14:11	02/18/26 11:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130	02/13/26 14:11	02/18/26 11:03	1
o-Terphenyl (Surr)	115		70 - 130	02/13/26 14:11	02/18/26 11:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		10.0		mg/Kg			02/16/26 15:55	1

Client Sample ID: BH - 2 (7')

Lab Sample ID: 880-68243-14

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:41	02/18/26 18:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:41	02/18/26 18:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:41	02/18/26 18:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/18/26 10:41	02/18/26 18:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:41	02/18/26 18:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/18/26 10:41	02/18/26 18:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	02/18/26 10:41	02/18/26 18:21	1
1,4-Difluorobenzene (Surr)	81		70 - 130	02/18/26 10:41	02/18/26 18:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 2 (7')

Lab Sample ID: 880-68243-14

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/18/26 18:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	158		50.0		mg/Kg			02/18/26 11:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 11:19	1
Diesel Range Organics (Over C10-C28)	158		50.0		mg/Kg		02/13/26 14:11	02/18/26 11:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 11:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				02/13/26 14:11	02/18/26 11:19	1
o-Terphenyl (Surr)	97		70 - 130				02/13/26 14:11	02/18/26 11:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	191		9.90		mg/Kg			02/16/26 16:00	1

Client Sample ID: BH - 2 (8')

Lab Sample ID: 880-68243-15

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 10:41	02/18/26 18:42	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/18/26 10:41	02/18/26 18:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/18/26 10:41	02/18/26 18:42	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/18/26 10:41	02/18/26 18:42	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/18/26 10:41	02/18/26 18:42	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/18/26 10:41	02/18/26 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				02/18/26 10:41	02/18/26 18:42	1
1,4-Difluorobenzene (Surr)	81		70 - 130				02/18/26 10:41	02/18/26 18:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/18/26 18:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	147		49.9		mg/Kg			02/18/26 11:34	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		02/13/26 14:11	02/18/26 11:34	1
Diesel Range Organics (Over C10-C28)	147		49.9		mg/Kg		02/13/26 14:11	02/18/26 11:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 2 (8')

Lab Sample ID: 880-68243-15

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 11:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				02/13/26 14:11	02/18/26 11:34	1
o-Terphenyl (Surr)	120		70 - 130				02/13/26 14:11	02/18/26 11:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		10.1		mg/Kg			02/16/26 16:17	1

Client Sample ID: BH - 2 (9')

Lab Sample ID: 880-68243-16

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 19:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 19:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 19:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 10:41	02/18/26 19:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 19:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 10:41	02/18/26 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/18/26 10:41	02/18/26 19:02	1
1,4-Difluorobenzene (Surr)	85		70 - 130				02/18/26 10:41	02/18/26 19:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/18/26 19:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	185		50.0		mg/Kg			02/18/26 11:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 11:49	1
Diesel Range Organics (Over C10-C28)	185		50.0		mg/Kg		02/13/26 14:11	02/18/26 11:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 11:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	121		70 - 130				02/13/26 14:11	02/18/26 11:49	1
o-Terphenyl (Surr)	122		70 - 130				02/13/26 14:11	02/18/26 11:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.5		10.0		mg/Kg			02/16/26 16:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 2 (10')

Lab Sample ID: 880-68243-17

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 19:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 19:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 19:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/18/26 10:41	02/18/26 19:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 19:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/18/26 10:41	02/18/26 19:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	02/18/26 10:41	02/18/26 19:23	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/18/26 10:41	02/18/26 19:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/18/26 19:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/18/26 12:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 12:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 12:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 12:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130	02/13/26 14:11	02/18/26 12:04	1
o-Terphenyl (Surr)	123		70 - 130	02/13/26 14:11	02/18/26 12:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.7		10.0		mg/Kg			02/16/26 16:29	1

Client Sample ID: BH - 2 (15')

Lab Sample ID: 880-68243-18

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:41	02/18/26 19:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:41	02/18/26 19:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:41	02/18/26 19:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/18/26 10:41	02/18/26 19:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:41	02/18/26 19:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/18/26 10:41	02/18/26 19:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/18/26 10:41	02/18/26 19:43	1
1,4-Difluorobenzene (Surr)	87		70 - 130	02/18/26 10:41	02/18/26 19:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 2 (15')

Lab Sample ID: 880-68243-18

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/18/26 19:43	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			02/18/26 12:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 12:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 12:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 12:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				02/13/26 14:11	02/18/26 12:19	1
o-Terphenyl (Surr)	121		70 - 130				02/13/26 14:11	02/18/26 12:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	981		10.1		mg/Kg			02/16/26 16:34	1

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

Lab Sample ID: 880-68243-19

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/18/26 11:08	02/18/26 17:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/18/26 11:08	02/18/26 17:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/18/26 11:08	02/18/26 17:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/18/26 11:08	02/18/26 17:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/18/26 11:08	02/18/26 17:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/18/26 11:08	02/18/26 17:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				02/18/26 11:08	02/18/26 17:13	1
1,4-Difluorobenzene (Surr)	110		70 - 130				02/18/26 11:08	02/18/26 17:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/18/26 17:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4300		50.0		mg/Kg			02/18/26 12:34	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		02/13/26 14:11	02/18/26 12:34	1
Diesel Range Organics (Over C10-C28)	3600		50.0		mg/Kg		02/13/26 14:11	02/18/26 12:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68243-19

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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)	702		50.0		mg/Kg		02/13/26 14:11	02/18/26 12:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				02/13/26 14:11	02/18/26 12:34	1
o-Terphenyl (Surr)	156	S1+	70 - 130				02/13/26 14:11	02/18/26 12:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	677		10.1		mg/Kg			02/16/26 16:40	1

Client Sample ID: BH - 3 (2')

Lab Sample ID: 880-68243-20

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 11:08	02/18/26 17:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/18/26 11:08	02/18/26 17:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/18/26 11:08	02/18/26 17:34	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/18/26 11:08	02/18/26 17:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/18/26 11:08	02/18/26 17:34	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/18/26 11:08	02/18/26 17:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				02/18/26 11:08	02/18/26 17:34	1
1,4-Difluorobenzene (Surr)	108		70 - 130				02/18/26 11:08	02/18/26 17:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/18/26 17:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1450		49.8		mg/Kg			02/18/26 12:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/13/26 14:11	02/18/26 12:49	1
Diesel Range Organics (Over C10-C28)	795		49.8		mg/Kg		02/13/26 14:11	02/18/26 12:49	1
Oil Range Organics (Over C28-C36)	656		49.8		mg/Kg		02/13/26 14:11	02/18/26 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				02/13/26 14:11	02/18/26 12:49	1
o-Terphenyl (Surr)	106		70 - 130				02/13/26 14:11	02/18/26 12:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	325		9.98		mg/Kg			02/16/26 16:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 3 (3')

Lab Sample ID: 880-68243-21

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/18/26 11:08	02/18/26 17:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/18/26 11:08	02/18/26 17:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/18/26 11:08	02/18/26 17:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/18/26 11:08	02/18/26 17:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/18/26 11:08	02/18/26 17:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/18/26 11:08	02/18/26 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	02/18/26 11:08	02/18/26 17:55	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/18/26 11:08	02/18/26 17:55	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			02/18/26 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	270		49.8		mg/Kg			02/18/26 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	<49.8	U	49.8		mg/Kg		02/13/26 14:11	02/18/26 13:20	1
Diesel Range Organics (Over C10-C28)	270		49.8		mg/Kg		02/13/26 14:11	02/18/26 13:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/26 14:11	02/18/26 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	02/13/26 14:11	02/18/26 13:20	1
o-Terphenyl (Surr)	113		70 - 130	02/13/26 14:11	02/18/26 13:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	389		10.1		mg/Kg			02/16/26 16:51	1

Client Sample ID: BH - 3 (4')

Lab Sample ID: 880-68243-22

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 11:08	02/18/26 18:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/18/26 11:08	02/18/26 18:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/18/26 11:08	02/18/26 18:15	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/18/26 11:08	02/18/26 18:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/18/26 11:08	02/18/26 18:15	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/18/26 11:08	02/18/26 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/18/26 11:08	02/18/26 18:15	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/18/26 11:08	02/18/26 18:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 3 (4')

Lab Sample ID: 880-68243-22

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/18/26 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	228		50.0		mg/Kg			02/18/26 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	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 13:35	1
Diesel Range Organics (Over C10-C28)	139		50.0		mg/Kg		02/13/26 14:11	02/18/26 13:35	1
Oil Range Organics (Over C28-C36)	88.8		50.0		mg/Kg		02/13/26 14:11	02/18/26 13:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130				02/13/26 14:11	02/18/26 13:35	1
o-Terphenyl (Surr)	120		70 - 130				02/13/26 14:11	02/18/26 13:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	360	F1	9.94		mg/Kg			02/16/26 10:53	1

Client Sample ID: BH - 3 (5')

Lab Sample ID: 880-68243-23

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 13:53	02/19/26 10:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 13:53	02/19/26 10:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 13:53	02/19/26 10:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/18/26 13:53	02/19/26 10:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 13:53	02/19/26 10:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/18/26 13:53	02/19/26 10:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/18/26 13:53	02/19/26 10:41	1
1,4-Difluorobenzene (Surr)	113		70 - 130				02/18/26 13:53	02/19/26 10:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/19/26 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	<50.2	U	50.2		mg/Kg			02/18/26 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	<50.2	U	50.2		mg/Kg		02/13/26 14:11	02/18/26 13:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 3 (5')

Lab Sample ID: 880-68243-23

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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)	<50.2	U	50.2		mg/Kg		02/13/26 14:11	02/18/26 13:50	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/13/26 14:11	02/18/26 13:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				02/13/26 14:11	02/18/26 13:50	1
o-Terphenyl (Surr)	119		70 - 130				02/13/26 14:11	02/18/26 13:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	518		10.0		mg/Kg			02/16/26 11:54	1

Client Sample ID: BH - 3 (6')

Lab Sample ID: 880-68243-24

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/18/26 13:53	02/19/26 11:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/18/26 13:53	02/19/26 11:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/18/26 13:53	02/19/26 11:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/18/26 13:53	02/19/26 11:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/18/26 13:53	02/19/26 11:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/18/26 13:53	02/19/26 11:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				02/18/26 13:53	02/19/26 11:02	1
1,4-Difluorobenzene (Surr)	111		70 - 130				02/18/26 13:53	02/19/26 11:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/19/26 11:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	59.8		50.1		mg/Kg			02/18/26 14:06	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	<50.1	U	50.1		mg/Kg		02/13/26 14:11	02/18/26 14:06	1
Diesel Range Organics (Over C10-C28)	59.8		50.1		mg/Kg		02/13/26 14:11	02/18/26 14:06	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/13/26 14:11	02/18/26 14:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				02/13/26 14:11	02/18/26 14:06	1
o-Terphenyl (Surr)	103		70 - 130				02/13/26 14:11	02/18/26 14:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	446		10.1		mg/Kg			02/16/26 12:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 3 (7')

Lab Sample ID: 880-68243-25

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 13:53	02/19/26 11:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/18/26 13:53	02/19/26 11:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/18/26 13:53	02/19/26 11:22	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/18/26 13:53	02/19/26 11:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/18/26 13:53	02/19/26 11:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/18/26 13:53	02/19/26 11:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/18/26 13:53	02/19/26 11:22	1
1,4-Difluorobenzene (Surr)	117		70 - 130	02/18/26 13:53	02/19/26 11:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/19/26 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/18/26 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		02/13/26 14:11	02/18/26 14:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 14:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 14:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130	02/13/26 14:11	02/18/26 14:21	1
o-Terphenyl (Surr)	129		70 - 130	02/13/26 14:11	02/18/26 14:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	460		10.0		mg/Kg			02/16/26 12:07	1

Client Sample ID: BH - 3 (8')

Lab Sample ID: 880-68243-26

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/18/26 13:53	02/19/26 11:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/18/26 13:53	02/19/26 11:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/18/26 13:53	02/19/26 11:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/18/26 13:53	02/19/26 11:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/18/26 13:53	02/19/26 11:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/18/26 13:53	02/19/26 11:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	02/18/26 13:53	02/19/26 11:43	1
1,4-Difluorobenzene (Surr)	113		70 - 130	02/18/26 13:53	02/19/26 11:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 3 (8')

Lab Sample ID: 880-68243-26

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/19/26 11:43	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			02/18/26 14:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 14:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 14:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 14:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130				02/13/26 14:11	02/18/26 14:35	1
o-Terphenyl (Surr)	124		70 - 130				02/13/26 14:11	02/18/26 14:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	496		10.0		mg/Kg			02/16/26 12:14	1

Client Sample ID: BH - 3 (9')

Lab Sample ID: 880-68243-27

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 18:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 18:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 18:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 11:08	02/18/26 18:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 18:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 11:08	02/18/26 18:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				02/18/26 11:08	02/18/26 18:36	1
1,4-Difluorobenzene (Surr)	114		70 - 130				02/18/26 11:08	02/18/26 18:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/18/26 18:36	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			02/18/26 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	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 14:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 14:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 3 (9')

Lab Sample ID: 880-68243-27

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/13/26 14:11	02/18/26 14:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130				02/13/26 14:11	02/18/26 14:51	1
o-Terphenyl (Surr)	131	S1+	70 - 130				02/13/26 14:11	02/18/26 14:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	491		9.92		mg/Kg			02/16/26 12:34	1

Client Sample ID: BH - 3 (10')

Lab Sample ID: 880-68243-28

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 18:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 18:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 18:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/18/26 11:08	02/18/26 18:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 18:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/18/26 11:08	02/18/26 18:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				02/18/26 11:08	02/18/26 18:57	1
1,4-Difluorobenzene (Surr)	116		70 - 130				02/18/26 11:08	02/18/26 18:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/18/26 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/18/26 15:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/13/26 14:11	02/18/26 15:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/26 14:11	02/18/26 15:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/26 14:11	02/18/26 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130				02/13/26 14:11	02/18/26 15:05	1
o-Terphenyl (Surr)	129		70 - 130				02/13/26 14:11	02/18/26 15:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	527		10.1		mg/Kg			02/16/26 12:41	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
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)
880-68242-A-1-F MS	Matrix Spike	213 S1+	111
880-68242-A-1-G MSD	Matrix Spike Duplicate	275 S1+	109
880-68243-1	BH - 1 (0-1')	134 S1+	100
880-68243-1 MS	BH - 1 (0-1')	136 S1+	104
880-68243-1 MSD	BH - 1 (0-1')	133 S1+	94
880-68243-2	BH - 1 (2')	96	100
880-68243-3	BH - 1 (3')	96	103
880-68243-4	BH - 1 (4')	108	100
880-68243-5	BH - 1 (5')	105	102
880-68243-6	BH - 1 (6')	104	96
880-68243-7	BH - 1 (7')	110	100
880-68243-8	BH - 2 (0-1')	576 S1+	98
880-68243-9	BH - 2 (2')	299 S1+	94
880-68243-10	BH - 2 (3')	228 S1+	94
880-68243-11	BH - 2 (4')	130	107
880-68243-12	BH - 2 (5')	77	109
880-68243-13	BH - 2 (6')	386 S1+	89
880-68243-14	BH - 2 (7')	87	81
880-68243-15	BH - 2 (8')	104	81
880-68243-16	BH - 2 (9')	105	85
880-68243-17	BH - 2 (10')	110	92
880-68243-18	BH - 2 (15')	105	87
880-68243-19	BH - 3 (0-1')	107	110
880-68243-20	BH - 3 (2')	94	108
880-68243-21	BH - 3 (3')	98	110
880-68243-22	BH - 3 (4')	101	110
880-68243-23	BH - 3 (5')	105	113
880-68243-23 MS	BH - 3 (5')	102	110
880-68243-23 MSD	BH - 3 (5')	103	113
880-68243-24	BH - 3 (6')	107	111
880-68243-25	BH - 3 (7')	105	117
880-68243-26	BH - 3 (8')	111	113
880-68243-27	BH - 3 (9')	104	114
880-68243-28	BH - 3 (10')	110	116
880-68244-A-1-C MS	Matrix Spike	123	89
880-68244-A-1-D MSD	Matrix Spike Duplicate	136 S1+	100
LCS 880-132181/1-A	Lab Control Sample	102	98
LCS 880-132215/1-A	Lab Control Sample	112	90
LCS 880-132217/1-A	Lab Control Sample	102	116
LCS 880-132259/1-A	Lab Control Sample	104	115
LCSD 880-132181/2-A	Lab Control Sample Dup	103	100
LCSD 880-132215/2-A	Lab Control Sample Dup	117	104
LCSD 880-132217/2-A	Lab Control Sample Dup	107	118
LCSD 880-132259/2-A	Lab Control Sample Dup	102	110
MB 880-132054/5-A	Method Blank	98	95
MB 880-132181/5-A	Method Blank	101	94
MB 880-132215/5-A	Method Blank	238 S1+	128
MB 880-132217/5-A	Method Blank	97	107
MB 880-132259/5-A	Method Blank	99	112

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Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

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)
880-68242-A-10-D MS	Matrix Spike	143 S1+	139 S1+
880-68242-A-10-E MSD	Matrix Spike Duplicate	140 S1+	142 S1+
880-68243-1	BH - 1 (0-1')	124	186 S1+
880-68243-2	BH - 1 (2')	111	120
880-68243-3	BH - 1 (3')	113	124
880-68243-4	BH - 1 (4')	109	122
880-68243-5	BH - 1 (5')	108	119
880-68243-6	BH - 1 (6')	105	117
880-68243-7	BH - 1 (7')	107	118
880-68243-8	BH - 2 (0-1')	156 S1+	239 S1+
880-68243-9	BH - 2 (2')	122	166 S1+
880-68243-10	BH - 2 (3')	128	162 S1+
880-68243-11	BH - 2 (4')	117	140 S1+
880-68243-11 MS	BH - 2 (4')	98	122
880-68243-11 MSD	BH - 2 (4')	112	142 S1+
880-68243-12	BH - 2 (5')	110	122
880-68243-13	BH - 2 (6')	109	115
880-68243-14	BH - 2 (7')	90	97
880-68243-15	BH - 2 (8')	117	120
880-68243-16	BH - 2 (9')	121	122
880-68243-17	BH - 2 (10')	118	123
880-68243-18	BH - 2 (15')	111	121
880-68243-19	BH - 3 (0-1')	111	156 S1+
880-68243-20	BH - 3 (2')	101	106
880-68243-21	BH - 3 (3')	100	113
880-68243-22	BH - 3 (4')	116	120
880-68243-23	BH - 3 (5')	111	119
880-68243-24	BH - 3 (6')	96	103
880-68243-25	BH - 3 (7')	119	129
880-68243-26	BH - 3 (8')	120	124
880-68243-27	BH - 3 (9')	125	131 S1+
880-68243-28	BH - 3 (10')	126	129
LCS 880-131772/2-A	Lab Control Sample	130	125
LCS 880-131773/2-A	Lab Control Sample	95	99
LCSD 880-131772/3-A	Lab Control Sample Dup	137 S1+	133 S1+
LCSD 880-131773/3-A	Lab Control Sample Dup	110	113
MB 880-131772/1-A	Method Blank	93	99
MB 880-131773/1-A	Method Blank	106	106

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-132054/5-A

Matrix: Solid

Analysis Batch: 132045

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132054

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/17/26 08:35	02/17/26 11:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/17/26 08:35	02/17/26 11:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/17/26 08:35	02/17/26 11:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/17/26 08:35	02/17/26 11:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/17/26 08:35	02/17/26 11:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/17/26 08:35	02/17/26 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	02/17/26 08:35	02/17/26 11:11	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/17/26 08:35	02/17/26 11:11	1

Lab Sample ID: MB 880-132181/5-A

Matrix: Solid

Analysis Batch: 132045

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132181

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/17/26 09:11	02/17/26 21:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/17/26 09:11	02/17/26 21:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/17/26 09:11	02/17/26 21:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/17/26 09:11	02/17/26 21:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/17/26 09:11	02/17/26 21:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/17/26 09:11	02/17/26 21:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/17/26 09:11	02/17/26 21:46	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/17/26 09:11	02/17/26 21:46	1

Lab Sample ID: LCS 880-132181/1-A

Matrix: Solid

Analysis Batch: 132045

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132181

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09114		mg/Kg		91	70 - 130
Toluene	0.100	0.08288		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.09126		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1818		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09073		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-132181/2-A

Matrix: Solid

Analysis Batch: 132045

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 132181

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09310		mg/Kg		93	70 - 130	2	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-132181/2-A

Matrix: Solid

Analysis Batch: 132045

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 132181

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.08316		mg/Kg		83	70 - 130	0	35
Ethylbenzene	0.100	0.09043		mg/Kg		90	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1794		mg/Kg		90	70 - 130	1	35
o-Xylene	0.100	0.09050		mg/Kg		90	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-68243-1 MS

Matrix: Solid

Analysis Batch: 132045

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

Prep Type: Total/NA

Prep Batch: 132181

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.07252		mg/Kg		73	70 - 130
Toluene	<0.00200	U F1	0.100	0.05961	F1	mg/Kg		60	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.05752	F1	mg/Kg		56	70 - 130
m-Xylene & p-Xylene	0.00666	F2 F1	0.200	0.1132	F1	mg/Kg		53	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.04857	F1	mg/Kg		49	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-68243-1 MSD

Matrix: Solid

Analysis Batch: 132045

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

Prep Type: Total/NA

Prep Batch: 132181

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.05962	F1	mg/Kg		60	70 - 130	20	35
Toluene	<0.00200	U F1	0.100	0.04590	F1	mg/Kg		46	70 - 130	26	35
Ethylbenzene	<0.00200	U F1	0.100	0.04251	F1	mg/Kg		41	70 - 130	30	35
m-Xylene & p-Xylene	0.00666	F2 F1	0.200	0.07577	F2 F1	mg/Kg		35	70 - 130	40	35
o-Xylene	<0.00200	U F1	0.100	0.03540	F1	mg/Kg		35	70 - 130	31	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-132215/5-A

Matrix: Solid

Analysis Batch: 132167

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 08:00	02/18/26 11:56	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-132215/5-A

Matrix: Solid

Analysis Batch: 132167

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 08:00	02/18/26 11:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	238	S1+	70 - 130	02/18/26 08:00	02/18/26 11:56	1
1,4-Difluorobenzene (Surr)	128		70 - 130	02/18/26 08:00	02/18/26 11:56	1

Lab Sample ID: LCS 880-132215/1-A

Matrix: Solid

Analysis Batch: 132167

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132215

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1049		mg/Kg		105	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.09170		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.2298		mg/Kg		115	70 - 130
o-Xylene	0.100	0.1287		mg/Kg		129	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-132215/2-A

Matrix: Solid

Analysis Batch: 132167

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 132215

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1146		mg/Kg		115	70 - 130	9	35
Toluene	0.100	0.1039		mg/Kg		104	70 - 130	4	35
Ethylbenzene	0.100	0.1060		mg/Kg		106	70 - 130	14	35
m-Xylene & p-Xylene	0.200	0.2445		mg/Kg		122	70 - 130	6	35
o-Xylene	0.100	0.1273		mg/Kg		127	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-68244-A-1-C MS

Matrix: Solid

Analysis Batch: 132167

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 132215

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09788		mg/Kg		98	70 - 130
Toluene	<0.00200	U F1 F2	0.100	0.1111		mg/Kg		111	70 - 130
Ethylbenzene	<0.00200	U F1 F2	0.100	0.1118		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.2678	F1	mg/Kg		134	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.1214		mg/Kg		121	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68244-A-1-C MS

Matrix: Solid

Analysis Batch: 132167

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 132215

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-68244-A-1-D MSD

Matrix: Solid

Analysis Batch: 132167

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 132215

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	0.08695		mg/Kg		87	70 - 130	12	35
Toluene	<0.00200	U F1 F2	0.100	0.06457	F1 F2	mg/Kg		65	70 - 130	53	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.06033	F1 F2	mg/Kg		58	70 - 130	60	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.2312		mg/Kg		116	70 - 130	15	35
o-Xylene	<0.00200	U F1	0.100	0.1510	F1	mg/Kg		151	70 - 130	22	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-132217/5-A

Matrix: Solid

Analysis Batch: 132168

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132217

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 12:03	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	02/18/26 07:00	02/18/26 12:03	1
1,4-Difluorobenzene (Surr)	107		70 - 130	02/18/26 07:00	02/18/26 12:03	1

Lab Sample ID: LCS 880-132217/1-A

Matrix: Solid

Analysis Batch: 132168

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09804		mg/Kg		98	70 - 130
Toluene	0.100	0.08994		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09619		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1877		mg/Kg		94	70 - 130
o-Xylene	0.100	0.08819		mg/Kg		88	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-132217/1-A

Matrix: Solid

Analysis Batch: 132168

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132217

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

Lab Sample ID: LCSD 880-132217/2-A

Matrix: Solid

Analysis Batch: 132168

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 132217

	LCS	LCS							%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit		
Benzene	0.100	0.09067		mg/Kg		91	70 - 130	8	35		
Toluene	0.100	0.08217		mg/Kg		82	70 - 130	9	35		
Ethylbenzene	0.100	0.08927		mg/Kg		89	70 - 130	7	35		
m-Xylene & p-Xylene	0.200	0.1742		mg/Kg		87	70 - 130	7	35		
o-Xylene	0.100	0.08258		mg/Kg		83	70 - 130	7	35		

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: 880-68242-A-1-F MS

Matrix: Solid

Analysis Batch: 132168

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 132217

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.00266		0.100	0.08139		mg/Kg		79	70 - 130		
Toluene	0.0187	F1	0.100	0.07342	F1	mg/Kg		55	70 - 130		
Ethylbenzene	0.0127	F1	0.100	0.08029	F1	mg/Kg		68	70 - 130		
m-Xylene & p-Xylene	0.190		0.200	0.3907		mg/Kg		100	70 - 130		
o-Xylene	0.112		0.100	0.2099		mg/Kg		97	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	213	S1+	70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-68242-A-1-G MSD

Matrix: Solid

Analysis Batch: 132168

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 132217

	Sample	Sample	Spike	MSD	MSD				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.00266		0.100	0.08193		mg/Kg		79	70 - 130	1	35
Toluene	0.0187	F1	0.100	0.08366	F1	mg/Kg		65	70 - 130	13	35
Ethylbenzene	0.0127	F1	0.100	0.07237	F1	mg/Kg		60	70 - 130	10	35
m-Xylene & p-Xylene	0.190		0.200	0.3681		mg/Kg		89	70 - 130	6	35
o-Xylene	0.112		0.100	0.2331		mg/Kg		121	70 - 130	10	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	275	S1+	70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-132259/5-A

Matrix: Solid

Analysis Batch: 132321

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132259

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 13:53	02/19/26 10:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 13:53	02/19/26 10:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 13:53	02/19/26 10:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 13:53	02/19/26 10:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 13:53	02/19/26 10:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 13:53	02/19/26 10:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	02/18/26 13:53	02/19/26 10:19	1
1,4-Difluorobenzene (Surr)	112		70 - 130	02/18/26 13:53	02/19/26 10:19	1

Lab Sample ID: LCS 880-132259/1-A

Matrix: Solid

Analysis Batch: 132321

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132259

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09008		mg/Kg		90	70 - 130
Toluene	0.100	0.08237		mg/Kg		82	70 - 130
Ethylbenzene	0.100	0.08687		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1682		mg/Kg		84	70 - 130
o-Xylene	0.100	0.08317		mg/Kg		83	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: LCSD 880-132259/2-A

Matrix: Solid

Analysis Batch: 132321

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 132259

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09403		mg/Kg		94	70 - 130	4	35
Toluene	0.100	0.08698		mg/Kg		87	70 - 130	5	35
Ethylbenzene	0.100	0.09281		mg/Kg		93	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1785		mg/Kg		89	70 - 130	6	35
o-Xylene	0.100	0.08598		mg/Kg		86	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-68243-23 MS

Matrix: Solid

Analysis Batch: 132321

Client Sample ID: BH - 3 (5')

Prep Type: Total/NA

Prep Batch: 132259

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09306		mg/Kg		93	70 - 130
Toluene	<0.00200	U	0.100	0.08612		mg/Kg		86	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68243-23 MS

Matrix: Solid

Analysis Batch: 132321

Client Sample ID: BH - 3 (5')

Prep Type: Total/NA

Prep Batch: 132259

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.09244		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1780		mg/Kg		89	70 - 130
o-Xylene	<0.00200	U	0.100	0.08615		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-68243-23 MSD

Matrix: Solid

Analysis Batch: 132321

Client Sample ID: BH - 3 (5')

Prep Type: Total/NA

Prep Batch: 132259

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	0.08632		mg/Kg		86	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.07891		mg/Kg		79	70 - 130	9	35
Ethylbenzene	<0.00200	U	0.100	0.08396		mg/Kg		84	70 - 130	10	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1617		mg/Kg		81	70 - 130	10	35
o-Xylene	<0.00200	U	0.100	0.07799		mg/Kg		78	70 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

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

Lab Sample ID: MB 880-131772/1-A

Matrix: Solid

Analysis Batch: 132020

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131772

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 18:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 18:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 18:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130	02/13/26 14:04	02/17/26 18:53	1
o-Terphenyl (Surr)	99		70 - 130	02/13/26 14:04	02/17/26 18:53	1

Lab Sample ID: LCS 880-131772/2-A

Matrix: Solid

Analysis Batch: 132020

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131772

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	971.4		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	1000	874.5		mg/Kg		87	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-131772/2-A

Matrix: Solid

Analysis Batch: 132020

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131772

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	130		70 - 130
o-Terphenyl (Surr)	125		70 - 130

Lab Sample ID: LCSD 880-131772/3-A

Matrix: Solid

Analysis Batch: 132020

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131772

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1009		mg/Kg		101	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	967.1		mg/Kg		97	70 - 130	10	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	137	S1+	70 - 130
o-Terphenyl (Surr)	133	S1+	70 - 130

Lab Sample ID: 880-68242-A-10-D MS

Matrix: Solid

Analysis Batch: 132020

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 131772

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1010		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	80.1		999	840.8		mg/Kg		76	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	143	S1+	70 - 130
o-Terphenyl (Surr)	139	S1+	70 - 130

Lab Sample ID: 880-68242-A-10-E MSD

Matrix: Solid

Analysis Batch: 132020

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 131772

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	982.8		mg/Kg		98	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	80.1		999	851.9		mg/Kg		77	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	140	S1+	70 - 130
o-Terphenyl (Surr)	142	S1+	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-131773/1-A

Matrix: Solid

Analysis Batch: 132163

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131773

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 06:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 06:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 06:23	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				02/13/26 14:11	02/18/26 06:23	1
o-Terphenyl (Surr)	106		70 - 130				02/13/26 14:11	02/18/26 06:23	1

Lab Sample ID: LCS 880-131773/2-A

Matrix: Solid

Analysis Batch: 132163

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131773

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	982.7		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	1000	935.7		mg/Kg		94	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	95		70 - 130				
o-Terphenyl (Surr)	99		70 - 130				

Lab Sample ID: LCSD 880-131773/3-A

Matrix: Solid

Analysis Batch: 132163

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131773

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1105		mg/Kg		111	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1110		mg/Kg		111	70 - 130	17	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	110		70 - 130						
o-Terphenyl (Surr)	113		70 - 130						

Lab Sample ID: 880-68243-11 MS

Matrix: Solid

Analysis Batch: 132163

Client Sample ID: BH - 2 (4')

Prep Type: Total/NA

Prep Batch: 131773

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	69.6	F2	997	960.0		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1690	F1	997	2276	F1	mg/Kg		59	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68243-11 MS

Matrix: Solid

Analysis Batch: 132163

Client Sample ID: BH - 2 (4')

Prep Type: Total/NA

Prep Batch: 131773

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	122		70 - 130

Lab Sample ID: 880-68243-11 MSD

Matrix: Solid

Analysis Batch: 132163

Client Sample ID: BH - 2 (4')

Prep Type: Total/NA

Prep Batch: 131773

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	69.6	F2	997	1207	F2	mg/Kg		114	70 - 130	23	20
Diesel Range Organics (Over C10-C28)	1690	F1	997	2774		mg/Kg		109	70 - 130	20	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	112		70 - 130								
o-Terphenyl (Surr)	142	S1+	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131758/1-A

Matrix: Solid

Analysis Batch: 131869

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/16/26 10:44	1

Lab Sample ID: LCS 880-131758/2-A

Matrix: Solid

Analysis Batch: 131869

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.7		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-131758/3-A

Matrix: Solid

Analysis Batch: 131869

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	231.9		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-68242-A-2-B MS

Matrix: Solid

Analysis Batch: 131869

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	13.4		252	261.0		mg/Kg		98	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-68242-A-2-C MSD

Matrix: Solid

Analysis Batch: 131869

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	13.4		252	259.1		mg/Kg		98	90 - 110	1	20

Lab Sample ID: MB 880-131762/1-A

Matrix: Solid

Analysis Batch: 131870

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/16/26 10:33	1

Lab Sample ID: LCS 880-131762/2-A

Matrix: Solid

Analysis Batch: 131870

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.0		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-131762/3-A

Matrix: Solid

Analysis Batch: 131870

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	239.2		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 880-68243-22 MS

Matrix: Solid

Analysis Batch: 131870

Client Sample ID: BH - 3 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	360	F1	249	581.6	F1	mg/Kg		89	90 - 110

Lab Sample ID: 880-68243-22 MSD

Matrix: Solid

Analysis Batch: 131870

Client Sample ID: BH - 3 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	360	F1	249	576.6	F1	mg/Kg		87	90 - 110	1	20

Lab Sample ID: MB 880-131761/1-A

Matrix: Solid

Analysis Batch: 131876

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/16/26 14:02	1

Lab Sample ID: LCS 880-131761/2-A

Matrix: Solid

Analysis Batch: 131876

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	233.5		mg/Kg		93	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-131761/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 131876											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	233.0		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-68243-2 MS				Client Sample ID: BH - 1 (2')							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 131876											
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	57.8		251	302.0		mg/Kg		98	90 - 110		

Lab Sample ID: 880-68243-2 MSD				Client Sample ID: BH - 1 (2')							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 131876											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	57.8		251	299.9		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 880-68243-12 MS				Client Sample ID: BH - 2 (5')							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 131876											
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	141		249	385.2		mg/Kg		98	90 - 110		

Lab Sample ID: 880-68243-12 MSD				Client Sample ID: BH - 2 (5')							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 131876											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	141		249	383.1		mg/Kg		98	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 132045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-1	BH - 1 (0-1')	Total/NA	Solid	8021B	132181
880-68243-2	BH - 1 (2')	Total/NA	Solid	8021B	132181
880-68243-3	BH - 1 (3')	Total/NA	Solid	8021B	132181
880-68243-4	BH - 1 (4')	Total/NA	Solid	8021B	132181
880-68243-5	BH - 1 (5')	Total/NA	Solid	8021B	132181
880-68243-6	BH - 1 (6')	Total/NA	Solid	8021B	132181
880-68243-7	BH - 1 (7')	Total/NA	Solid	8021B	132181
880-68243-8	BH - 2 (0-1')	Total/NA	Solid	8021B	132181
880-68243-9	BH - 2 (2')	Total/NA	Solid	8021B	132181
880-68243-10	BH - 2 (3')	Total/NA	Solid	8021B	132181
MB 880-132054/5-A	Method Blank	Total/NA	Solid	8021B	132054
MB 880-132181/5-A	Method Blank	Total/NA	Solid	8021B	132181
LCS 880-132181/1-A	Lab Control Sample	Total/NA	Solid	8021B	132181
LCSD 880-132181/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132181
880-68243-1 MS	BH - 1 (0-1')	Total/NA	Solid	8021B	132181
880-68243-1 MSD	BH - 1 (0-1')	Total/NA	Solid	8021B	132181

Prep Batch: 132054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-132054/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 132167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-13	BH - 2 (6')	Total/NA	Solid	8021B	132215
880-68243-14	BH - 2 (7')	Total/NA	Solid	8021B	132215
880-68243-15	BH - 2 (8')	Total/NA	Solid	8021B	132215
880-68243-16	BH - 2 (9')	Total/NA	Solid	8021B	132215
880-68243-17	BH - 2 (10')	Total/NA	Solid	8021B	132215
880-68243-18	BH - 2 (15')	Total/NA	Solid	8021B	132215
MB 880-132215/5-A	Method Blank	Total/NA	Solid	8021B	132215
LCS 880-132215/1-A	Lab Control Sample	Total/NA	Solid	8021B	132215
LCSD 880-132215/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132215
880-68244-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	132215
880-68244-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132215

Analysis Batch: 132168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-19	BH - 3 (0-1')	Total/NA	Solid	8021B	132217
880-68243-20	BH - 3 (2')	Total/NA	Solid	8021B	132217
880-68243-21	BH - 3 (3')	Total/NA	Solid	8021B	132217
880-68243-22	BH - 3 (4')	Total/NA	Solid	8021B	132217
880-68243-27	BH - 3 (9')	Total/NA	Solid	8021B	132217
880-68243-28	BH - 3 (10')	Total/NA	Solid	8021B	132217
MB 880-132217/5-A	Method Blank	Total/NA	Solid	8021B	132217
LCS 880-132217/1-A	Lab Control Sample	Total/NA	Solid	8021B	132217
LCSD 880-132217/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132217
880-68242-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	132217
880-68242-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132217

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QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 132181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-1	BH - 1 (0-1')	Total/NA	Solid	5035	
880-68243-2	BH - 1 (2')	Total/NA	Solid	5035	
880-68243-3	BH - 1 (3')	Total/NA	Solid	5035	
880-68243-4	BH - 1 (4')	Total/NA	Solid	5035	
880-68243-5	BH - 1 (5')	Total/NA	Solid	5035	
880-68243-6	BH - 1 (6')	Total/NA	Solid	5035	
880-68243-7	BH - 1 (7')	Total/NA	Solid	5035	
880-68243-8	BH - 2 (0-1')	Total/NA	Solid	5035	
880-68243-9	BH - 2 (2')	Total/NA	Solid	5035	
880-68243-10	BH - 2 (3')	Total/NA	Solid	5035	
MB 880-132181/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132181/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132181/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68243-1 MS	BH - 1 (0-1')	Total/NA	Solid	5035	
880-68243-1 MSD	BH - 1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 132215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-13	BH - 2 (6')	Total/NA	Solid	5035	
880-68243-14	BH - 2 (7')	Total/NA	Solid	5035	
880-68243-15	BH - 2 (8')	Total/NA	Solid	5035	
880-68243-16	BH - 2 (9')	Total/NA	Solid	5035	
880-68243-17	BH - 2 (10')	Total/NA	Solid	5035	
880-68243-18	BH - 2 (15')	Total/NA	Solid	5035	
MB 880-132215/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132215/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132215/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68244-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-68244-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 132217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-19	BH - 3 (0-1')	Total/NA	Solid	5035	
880-68243-20	BH - 3 (2')	Total/NA	Solid	5035	
880-68243-21	BH - 3 (3')	Total/NA	Solid	5035	
880-68243-22	BH - 3 (4')	Total/NA	Solid	5035	
880-68243-27	BH - 3 (9')	Total/NA	Solid	5035	
880-68243-28	BH - 3 (10')	Total/NA	Solid	5035	
MB 880-132217/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132217/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132217/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68242-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
880-68242-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 132258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-1	BH - 1 (0-1')	Total/NA	Solid	Total BTEX	
880-68243-2	BH - 1 (2')	Total/NA	Solid	Total BTEX	
880-68243-3	BH - 1 (3')	Total/NA	Solid	Total BTEX	
880-68243-4	BH - 1 (4')	Total/NA	Solid	Total BTEX	
880-68243-5	BH - 1 (5')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 132258 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-6	BH - 1 (6')	Total/NA	Solid	Total BTEX	
880-68243-7	BH - 1 (7')	Total/NA	Solid	Total BTEX	
880-68243-8	BH - 2 (0-1')	Total/NA	Solid	Total BTEX	
880-68243-9	BH - 2 (2')	Total/NA	Solid	Total BTEX	
880-68243-10	BH - 2 (3')	Total/NA	Solid	Total BTEX	
880-68243-11	BH - 2 (4')	Total/NA	Solid	Total BTEX	
880-68243-12	BH - 2 (5')	Total/NA	Solid	Total BTEX	
880-68243-13	BH - 2 (6')	Total/NA	Solid	Total BTEX	
880-68243-14	BH - 2 (7')	Total/NA	Solid	Total BTEX	
880-68243-15	BH - 2 (8')	Total/NA	Solid	Total BTEX	
880-68243-16	BH - 2 (9')	Total/NA	Solid	Total BTEX	
880-68243-17	BH - 2 (10')	Total/NA	Solid	Total BTEX	
880-68243-18	BH - 2 (15')	Total/NA	Solid	Total BTEX	
880-68243-19	BH - 3 (0-1')	Total/NA	Solid	Total BTEX	
880-68243-20	BH - 3 (2')	Total/NA	Solid	Total BTEX	
880-68243-21	BH - 3 (3')	Total/NA	Solid	Total BTEX	
880-68243-22	BH - 3 (4')	Total/NA	Solid	Total BTEX	
880-68243-23	BH - 3 (5')	Total/NA	Solid	Total BTEX	
880-68243-24	BH - 3 (6')	Total/NA	Solid	Total BTEX	
880-68243-25	BH - 3 (7')	Total/NA	Solid	Total BTEX	
880-68243-26	BH - 3 (8')	Total/NA	Solid	Total BTEX	
880-68243-27	BH - 3 (9')	Total/NA	Solid	Total BTEX	
880-68243-28	BH - 3 (10')	Total/NA	Solid	Total BTEX	

Prep Batch: 132259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-11	BH - 2 (4')	Total/NA	Solid	5035	
880-68243-12	BH - 2 (5')	Total/NA	Solid	5035	
880-68243-23	BH - 3 (5')	Total/NA	Solid	5035	
880-68243-24	BH - 3 (6')	Total/NA	Solid	5035	
880-68243-25	BH - 3 (7')	Total/NA	Solid	5035	
880-68243-26	BH - 3 (8')	Total/NA	Solid	5035	
MB 880-132259/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132259/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132259/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68243-23 MS	BH - 3 (5')	Total/NA	Solid	5035	
880-68243-23 MSD	BH - 3 (5')	Total/NA	Solid	5035	

Analysis Batch: 132321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-11	BH - 2 (4')	Total/NA	Solid	8021B	132259
880-68243-12	BH - 2 (5')	Total/NA	Solid	8021B	132259
880-68243-23	BH - 3 (5')	Total/NA	Solid	8021B	132259
880-68243-24	BH - 3 (6')	Total/NA	Solid	8021B	132259
880-68243-25	BH - 3 (7')	Total/NA	Solid	8021B	132259
880-68243-26	BH - 3 (8')	Total/NA	Solid	8021B	132259
MB 880-132259/5-A	Method Blank	Total/NA	Solid	8021B	132259
LCS 880-132259/1-A	Lab Control Sample	Total/NA	Solid	8021B	132259
LCSD 880-132259/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132259
880-68243-23 MS	BH - 3 (5')	Total/NA	Solid	8021B	132259
880-68243-23 MSD	BH - 3 (5')	Total/NA	Solid	8021B	132259

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QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

GC Semi VOA

Prep Batch: 131772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-1	BH - 1 (0-1')	Total/NA	Solid	8015NM Prep	
880-68243-2	BH - 1 (2')	Total/NA	Solid	8015NM Prep	
880-68243-3	BH - 1 (3')	Total/NA	Solid	8015NM Prep	
880-68243-4	BH - 1 (4')	Total/NA	Solid	8015NM Prep	
880-68243-5	BH - 1 (5')	Total/NA	Solid	8015NM Prep	
880-68243-6	BH - 1 (6')	Total/NA	Solid	8015NM Prep	
880-68243-7	BH - 1 (7')	Total/NA	Solid	8015NM Prep	
880-68243-8	BH - 2 (0-1')	Total/NA	Solid	8015NM Prep	
880-68243-9	BH - 2 (2')	Total/NA	Solid	8015NM Prep	
880-68243-10	BH - 2 (3')	Total/NA	Solid	8015NM Prep	
MB 880-131772/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131772/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131772/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68242-A-10-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68242-A-10-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 131773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-11	BH - 2 (4')	Total/NA	Solid	8015NM Prep	
880-68243-12	BH - 2 (5')	Total/NA	Solid	8015NM Prep	
880-68243-13	BH - 2 (6')	Total/NA	Solid	8015NM Prep	
880-68243-14	BH - 2 (7')	Total/NA	Solid	8015NM Prep	
880-68243-15	BH - 2 (8')	Total/NA	Solid	8015NM Prep	
880-68243-16	BH - 2 (9')	Total/NA	Solid	8015NM Prep	
880-68243-17	BH - 2 (10')	Total/NA	Solid	8015NM Prep	
880-68243-18	BH - 2 (15')	Total/NA	Solid	8015NM Prep	
880-68243-19	BH - 3 (0-1')	Total/NA	Solid	8015NM Prep	
880-68243-20	BH - 3 (2')	Total/NA	Solid	8015NM Prep	
880-68243-21	BH - 3 (3')	Total/NA	Solid	8015NM Prep	
880-68243-22	BH - 3 (4')	Total/NA	Solid	8015NM Prep	
880-68243-23	BH - 3 (5')	Total/NA	Solid	8015NM Prep	
880-68243-24	BH - 3 (6')	Total/NA	Solid	8015NM Prep	
880-68243-25	BH - 3 (7')	Total/NA	Solid	8015NM Prep	
880-68243-26	BH - 3 (8')	Total/NA	Solid	8015NM Prep	
880-68243-27	BH - 3 (9')	Total/NA	Solid	8015NM Prep	
880-68243-28	BH - 3 (10')	Total/NA	Solid	8015NM Prep	
MB 880-131773/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131773/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131773/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68243-11 MS	BH - 2 (4')	Total/NA	Solid	8015NM Prep	
880-68243-11 MSD	BH - 2 (4')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 132020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-1	BH - 1 (0-1')	Total/NA	Solid	8015B NM	131772
880-68243-2	BH - 1 (2')	Total/NA	Solid	8015B NM	131772
880-68243-3	BH - 1 (3')	Total/NA	Solid	8015B NM	131772
880-68243-4	BH - 1 (4')	Total/NA	Solid	8015B NM	131772
880-68243-5	BH - 1 (5')	Total/NA	Solid	8015B NM	131772
880-68243-6	BH - 1 (6')	Total/NA	Solid	8015B NM	131772
880-68243-7	BH - 1 (7')	Total/NA	Solid	8015B NM	131772

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 132020 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-8	BH - 2 (0-1')	Total/NA	Solid	8015B NM	131772
880-68243-9	BH - 2 (2')	Total/NA	Solid	8015B NM	131772
880-68243-10	BH - 2 (3')	Total/NA	Solid	8015B NM	131772
MB 880-131772/1-A	Method Blank	Total/NA	Solid	8015B NM	131772
LCS 880-131772/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131772
LCSD 880-131772/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131772
880-68242-A-10-D MS	Matrix Spike	Total/NA	Solid	8015B NM	131772
880-68242-A-10-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131772

Analysis Batch: 132163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-11	BH - 2 (4')	Total/NA	Solid	8015B NM	131773
880-68243-12	BH - 2 (5')	Total/NA	Solid	8015B NM	131773
880-68243-13	BH - 2 (6')	Total/NA	Solid	8015B NM	131773
880-68243-14	BH - 2 (7')	Total/NA	Solid	8015B NM	131773
880-68243-15	BH - 2 (8')	Total/NA	Solid	8015B NM	131773
880-68243-16	BH - 2 (9')	Total/NA	Solid	8015B NM	131773
880-68243-17	BH - 2 (10')	Total/NA	Solid	8015B NM	131773
880-68243-18	BH - 2 (15')	Total/NA	Solid	8015B NM	131773
880-68243-19	BH - 3 (0-1')	Total/NA	Solid	8015B NM	131773
880-68243-20	BH - 3 (2')	Total/NA	Solid	8015B NM	131773
880-68243-21	BH - 3 (3')	Total/NA	Solid	8015B NM	131773
880-68243-22	BH - 3 (4')	Total/NA	Solid	8015B NM	131773
880-68243-23	BH - 3 (5')	Total/NA	Solid	8015B NM	131773
880-68243-24	BH - 3 (6')	Total/NA	Solid	8015B NM	131773
880-68243-25	BH - 3 (7')	Total/NA	Solid	8015B NM	131773
880-68243-26	BH - 3 (8')	Total/NA	Solid	8015B NM	131773
880-68243-27	BH - 3 (9')	Total/NA	Solid	8015B NM	131773
880-68243-28	BH - 3 (10')	Total/NA	Solid	8015B NM	131773
MB 880-131773/1-A	Method Blank	Total/NA	Solid	8015B NM	131773
LCS 880-131773/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131773
LCSD 880-131773/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131773
880-68243-11 MS	BH - 2 (4')	Total/NA	Solid	8015B NM	131773
880-68243-11 MSD	BH - 2 (4')	Total/NA	Solid	8015B NM	131773

Analysis Batch: 132201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-1	BH - 1 (0-1')	Total/NA	Solid	8015 NM	
880-68243-2	BH - 1 (2')	Total/NA	Solid	8015 NM	
880-68243-3	BH - 1 (3')	Total/NA	Solid	8015 NM	
880-68243-4	BH - 1 (4')	Total/NA	Solid	8015 NM	
880-68243-5	BH - 1 (5')	Total/NA	Solid	8015 NM	
880-68243-6	BH - 1 (6')	Total/NA	Solid	8015 NM	
880-68243-7	BH - 1 (7')	Total/NA	Solid	8015 NM	
880-68243-8	BH - 2 (0-1')	Total/NA	Solid	8015 NM	
880-68243-9	BH - 2 (2')	Total/NA	Solid	8015 NM	
880-68243-10	BH - 2 (3')	Total/NA	Solid	8015 NM	
880-68243-11	BH - 2 (4')	Total/NA	Solid	8015 NM	
880-68243-12	BH - 2 (5')	Total/NA	Solid	8015 NM	
880-68243-13	BH - 2 (6')	Total/NA	Solid	8015 NM	
880-68243-14	BH - 2 (7')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 132201 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-15	BH - 2 (8')	Total/NA	Solid	8015 NM	
880-68243-16	BH - 2 (9')	Total/NA	Solid	8015 NM	
880-68243-17	BH - 2 (10')	Total/NA	Solid	8015 NM	
880-68243-18	BH - 2 (15')	Total/NA	Solid	8015 NM	
880-68243-19	BH - 3 (0-1')	Total/NA	Solid	8015 NM	
880-68243-20	BH - 3 (2')	Total/NA	Solid	8015 NM	
880-68243-21	BH - 3 (3')	Total/NA	Solid	8015 NM	
880-68243-22	BH - 3 (4')	Total/NA	Solid	8015 NM	
880-68243-23	BH - 3 (5')	Total/NA	Solid	8015 NM	
880-68243-24	BH - 3 (6')	Total/NA	Solid	8015 NM	
880-68243-25	BH - 3 (7')	Total/NA	Solid	8015 NM	
880-68243-26	BH - 3 (8')	Total/NA	Solid	8015 NM	
880-68243-27	BH - 3 (9')	Total/NA	Solid	8015 NM	
880-68243-28	BH - 3 (10')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-1	BH - 1 (0-1')	Soluble	Solid	DI Leach	
MB 880-131758/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131758/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131758/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68242-A-2-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68242-A-2-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 131761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-2	BH - 1 (2')	Soluble	Solid	DI Leach	
880-68243-3	BH - 1 (3')	Soluble	Solid	DI Leach	
880-68243-4	BH - 1 (4')	Soluble	Solid	DI Leach	
880-68243-5	BH - 1 (5')	Soluble	Solid	DI Leach	
880-68243-6	BH - 1 (6')	Soluble	Solid	DI Leach	
880-68243-7	BH - 1 (7')	Soluble	Solid	DI Leach	
880-68243-8	BH - 2 (0-1')	Soluble	Solid	DI Leach	
880-68243-9	BH - 2 (2')	Soluble	Solid	DI Leach	
880-68243-10	BH - 2 (3')	Soluble	Solid	DI Leach	
880-68243-11	BH - 2 (4')	Soluble	Solid	DI Leach	
880-68243-12	BH - 2 (5')	Soluble	Solid	DI Leach	
880-68243-13	BH - 2 (6')	Soluble	Solid	DI Leach	
880-68243-14	BH - 2 (7')	Soluble	Solid	DI Leach	
880-68243-15	BH - 2 (8')	Soluble	Solid	DI Leach	
880-68243-16	BH - 2 (9')	Soluble	Solid	DI Leach	
880-68243-17	BH - 2 (10')	Soluble	Solid	DI Leach	
880-68243-18	BH - 2 (15')	Soluble	Solid	DI Leach	
880-68243-19	BH - 3 (0-1')	Soluble	Solid	DI Leach	
880-68243-20	BH - 3 (2')	Soluble	Solid	DI Leach	
880-68243-21	BH - 3 (3')	Soluble	Solid	DI Leach	
MB 880-131761/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131761/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131761/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 131761 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-2 MS	BH - 1 (2')	Soluble	Solid	DI Leach	
880-68243-2 MSD	BH - 1 (2')	Soluble	Solid	DI Leach	
880-68243-12 MS	BH - 2 (5')	Soluble	Solid	DI Leach	
880-68243-12 MSD	BH - 2 (5')	Soluble	Solid	DI Leach	

Leach Batch: 131762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-22	BH - 3 (4')	Soluble	Solid	DI Leach	
880-68243-23	BH - 3 (5')	Soluble	Solid	DI Leach	
880-68243-24	BH - 3 (6')	Soluble	Solid	DI Leach	
880-68243-25	BH - 3 (7')	Soluble	Solid	DI Leach	
880-68243-26	BH - 3 (8')	Soluble	Solid	DI Leach	
880-68243-27	BH - 3 (9')	Soluble	Solid	DI Leach	
880-68243-28	BH - 3 (10')	Soluble	Solid	DI Leach	
MB 880-131762/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131762/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131762/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68243-22 MS	BH - 3 (4')	Soluble	Solid	DI Leach	
880-68243-22 MSD	BH - 3 (4')	Soluble	Solid	DI Leach	

Analysis Batch: 131869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-1	BH - 1 (0-1')	Soluble	Solid	300.0	131758
MB 880-131758/1-A	Method Blank	Soluble	Solid	300.0	131758
LCS 880-131758/2-A	Lab Control Sample	Soluble	Solid	300.0	131758
LCSD 880-131758/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131758
880-68242-A-2-B MS	Matrix Spike	Soluble	Solid	300.0	131758
880-68242-A-2-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	131758

Analysis Batch: 131870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-22	BH - 3 (4')	Soluble	Solid	300.0	131762
880-68243-23	BH - 3 (5')	Soluble	Solid	300.0	131762
880-68243-24	BH - 3 (6')	Soluble	Solid	300.0	131762
880-68243-25	BH - 3 (7')	Soluble	Solid	300.0	131762
880-68243-26	BH - 3 (8')	Soluble	Solid	300.0	131762
880-68243-27	BH - 3 (9')	Soluble	Solid	300.0	131762
880-68243-28	BH - 3 (10')	Soluble	Solid	300.0	131762
MB 880-131762/1-A	Method Blank	Soluble	Solid	300.0	131762
LCS 880-131762/2-A	Lab Control Sample	Soluble	Solid	300.0	131762
LCSD 880-131762/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131762
880-68243-22 MS	BH - 3 (4')	Soluble	Solid	300.0	131762
880-68243-22 MSD	BH - 3 (4')	Soluble	Solid	300.0	131762

Analysis Batch: 131876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-2	BH - 1 (2')	Soluble	Solid	300.0	131761
880-68243-3	BH - 1 (3')	Soluble	Solid	300.0	131761
880-68243-4	BH - 1 (4')	Soluble	Solid	300.0	131761
880-68243-5	BH - 1 (5')	Soluble	Solid	300.0	131761
880-68243-6	BH - 1 (6')	Soluble	Solid	300.0	131761

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 131876 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-7	BH - 1 (7')	Soluble	Solid	300.0	131761
880-68243-8	BH - 2 (0-1')	Soluble	Solid	300.0	131761
880-68243-9	BH - 2 (2')	Soluble	Solid	300.0	131761
880-68243-10	BH - 2 (3')	Soluble	Solid	300.0	131761
880-68243-11	BH - 2 (4')	Soluble	Solid	300.0	131761
880-68243-12	BH - 2 (5')	Soluble	Solid	300.0	131761
880-68243-13	BH - 2 (6')	Soluble	Solid	300.0	131761
880-68243-14	BH - 2 (7')	Soluble	Solid	300.0	131761
880-68243-15	BH - 2 (8')	Soluble	Solid	300.0	131761
880-68243-16	BH - 2 (9')	Soluble	Solid	300.0	131761
880-68243-17	BH - 2 (10')	Soluble	Solid	300.0	131761
880-68243-18	BH - 2 (15')	Soluble	Solid	300.0	131761
880-68243-19	BH - 3 (0-1')	Soluble	Solid	300.0	131761
880-68243-20	BH - 3 (2')	Soluble	Solid	300.0	131761
880-68243-21	BH - 3 (3')	Soluble	Solid	300.0	131761
MB 880-131761/1-A	Method Blank	Soluble	Solid	300.0	131761
LCS 880-131761/2-A	Lab Control Sample	Soluble	Solid	300.0	131761
LCSD 880-131761/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131761
880-68243-2 MS	BH - 1 (2')	Soluble	Solid	300.0	131761
880-68243-2 MSD	BH - 1 (2')	Soluble	Solid	300.0	131761
880-68243-12 MS	BH - 2 (5')	Soluble	Solid	300.0	131761
880-68243-12 MSD	BH - 2 (5')	Soluble	Solid	300.0	131761

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68243-1

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/17/26 22:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/17/26 22:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/17/26 22:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	132020	02/17/26 22:42	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 13:33	CS	EET MID

Client Sample ID: BH - 1 (2')

Lab Sample ID: 880-68243-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/17/26 22:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/17/26 22:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/17/26 22:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 22:57	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 14:19	CS	EET MID

Client Sample ID: BH - 1 (3')

Lab Sample ID: 880-68243-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/17/26 22:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/17/26 22:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/17/26 23:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 23:11	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 14:36	CS	EET MID

Client Sample ID: BH - 1 (4')

Lab Sample ID: 880-68243-4

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/17/26 23:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/17/26 23:09	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 1 (4')

Lab Sample ID: 880-68243-4

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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			132201	02/17/26 23:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 23:26	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 14:41	CS	EET MID

Client Sample ID: BH - 1 (5')

Lab Sample ID: 880-68243-5

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/17/26 23:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/17/26 23:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/17/26 23:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 23:40	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 14:47	CS	EET MID

Client Sample ID: BH - 1 (6')

Lab Sample ID: 880-68243-6

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/17/26 23:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/17/26 23:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/17/26 23:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 23:55	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 14:52	CS	EET MID

Client Sample ID: BH - 1 (7')

Lab Sample ID: 880-68243-7

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/18/26 00:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 00:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 00:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/18/26 00:09	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 1 (7')

Lab Sample ID: 880-68243-7

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 15:10	CS	EET MID

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

Lab Sample ID: 880-68243-8

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/18/26 00:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 00:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 00:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	132020	02/18/26 00:24	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 15:15	CS	EET MID

Client Sample ID: BH - 2 (2')

Lab Sample ID: 880-68243-9

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/18/26 00:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 00:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 00:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/18/26 00:37	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 15:21	CS	EET MID

Client Sample ID: BH - 2 (3')

Lab Sample ID: 880-68243-10

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/18/26 01:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 01:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 00:53	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/18/26 00:53	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 15:26	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 2 (4')

Lab Sample ID: 880-68243-11

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132259	02/18/26 13:53	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	132321	02/19/26 12:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/19/26 12:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 10:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 10:02	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 15:32	CS	EET MID

Client Sample ID: BH - 2 (5')

Lab Sample ID: 880-68243-12

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132259	02/18/26 13:53	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	132321	02/19/26 13:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/19/26 13:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 10:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 10:49	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 15:38	CS	EET MID

Client Sample ID: BH - 2 (6')

Lab Sample ID: 880-68243-13

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 18:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 18:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 11:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 11:03	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 15:55	CS	EET MID

Client Sample ID: BH - 2 (7')

Lab Sample ID: 880-68243-14

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 18:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 18:21	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 2 (7')

Date Collected: 02/13/26 00:00

Date Received: 02/13/26 11:36

Lab Sample ID: 880-68243-14

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			132201	02/18/26 11:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 11:19	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 16:00	CS	EET MID

Client Sample ID: BH - 2 (8')

Date Collected: 02/13/26 00:00

Date Received: 02/13/26 11:36

Lab Sample ID: 880-68243-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 18:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 18:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 11:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 11:34	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 16:17	CS	EET MID

Client Sample ID: BH - 2 (9')

Date Collected: 02/13/26 00:00

Date Received: 02/13/26 11:36

Lab Sample ID: 880-68243-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 19:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 19:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 11:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 11:49	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 16:23	CS	EET MID

Client Sample ID: BH - 2 (10')

Date Collected: 02/13/26 00:00

Date Received: 02/13/26 11:36

Lab Sample ID: 880-68243-17

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			5.01 g	5 mL	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 19:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 19:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 12:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 12:04	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 2 (10')

Lab Sample ID: 880-68243-17

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 16:29	CS	EET MID

Client Sample ID: BH - 2 (15')

Lab Sample ID: 880-68243-18

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 19:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 19:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 12:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 12:19	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 16:34	CS	EET MID

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

Lab Sample ID: 880-68243-19

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 17:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 17:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 12:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 12:34	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 16:40	CS	EET MID

Client Sample ID: BH - 3 (2')

Lab Sample ID: 880-68243-20

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 17:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 17:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 12:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 12:49	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 16:46	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 3 (3')

Lab Sample ID: 880-68243-21

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 17:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 17:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 13:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 13:20	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 16:51	CS	EET MID

Client Sample ID: BH - 3 (4')

Lab Sample ID: 880-68243-22

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 18:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 13:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 13:35	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 10:53	CS	EET MID

Client Sample ID: BH - 3 (5')

Lab Sample ID: 880-68243-23

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132259	02/18/26 13:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132321	02/19/26 10:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/19/26 10:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 13:50	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 13:50	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 11:54	CS	EET MID

Client Sample ID: BH - 3 (6')

Lab Sample ID: 880-68243-24

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132259	02/18/26 13:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132321	02/19/26 11:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/19/26 11:02	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 3 (6')

Date Collected: 02/13/26 00:00

Date Received: 02/13/26 11:36

Lab Sample ID: 880-68243-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			132201	02/18/26 14:06	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 14:06	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 12:00	CS	EET MID

Client Sample ID: BH - 3 (7')

Date Collected: 02/13/26 00:00

Date Received: 02/13/26 11:36

Lab Sample ID: 880-68243-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	132259	02/18/26 13:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132321	02/19/26 11:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/19/26 11:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 14:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 14:21	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 12:07	CS	EET MID

Client Sample ID: BH - 3 (8')

Date Collected: 02/13/26 00:00

Date Received: 02/13/26 11:36

Lab Sample ID: 880-68243-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	132259	02/18/26 13:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132321	02/19/26 11:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/19/26 11:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 14:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 14:35	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 12:14	CS	EET MID

Client Sample ID: BH - 3 (9')

Date Collected: 02/13/26 00:00

Date Received: 02/13/26 11:36

Lab Sample ID: 880-68243-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 18:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 18:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 14:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 14:51	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Client Sample ID: BH - 3 (9')
Date Collected: 02/13/26 00:00
Date Received: 02/13/26 11:36

Lab Sample ID: 880-68243-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 12:34	CS	EET MID

Client Sample ID: BH - 3 (10')
Date Collected: 02/13/26 00:00
Date Received: 02/13/26 11:36

Lab Sample ID: 880-68243-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 18:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 18:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 15:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 15:05	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 12:41	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: Lea Fed East BT20021

Job ID: 880-68243-1
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: Lea Fed East BT20021

Job ID: 880-68243-1
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: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68243-1	BH - 1 (0-1')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-2	BH - 1 (2')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-3	BH - 1 (3')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-4	BH - 1 (4')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-5	BH - 1 (5')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-6	BH - 1 (6')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-7	BH - 1 (7')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-8	BH - 2 (0-1')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-9	BH - 2 (2')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-10	BH - 2 (3')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-11	BH - 2 (4')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-12	BH - 2 (5')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-13	BH - 2 (6')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-14	BH - 2 (7')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-15	BH - 2 (8')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-16	BH - 2 (9')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-17	BH - 2 (10')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-18	BH - 2 (15')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-19	BH - 3 (0-1')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-20	BH - 3 (2')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-21	BH - 3 (3')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-22	BH - 3 (4')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-23	BH - 3 (5')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-24	BH - 3 (6')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-25	BH - 3 (7')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-26	BH - 3 (8')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-27	BH - 3 (9')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-28	BH - 3 (10')	Solid	02/13/26 00:00	02/13/26 11:36	Texas

Eurofins Midland

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Chain of Custody



880-68243 Chain of Custody

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Project Manager:	Ashion Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Mainfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@colterra.com & ashion.thielke@colterra.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:		Lea Fed East BT20021		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	3140	☐ Routine	☒ Rush					None: NO	DI Water: H ₂ O												
Project Location:	Lea County, New Mexico	Due Date:	72 hr				Cool: Cool	MeOH: Me													
Sampler's Name:	JDC						HCL: HC	HNO ₃ : HN													
PO #:							H ₂ SO ₄ : H ₂	NaOH: Na													
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	☒ Yes ☐ No	Parameters															
Received Intact:	☒ Yes ☐ No	Thermometer ID:	125																		
Cooler Custody Seals:	Yes ☐ No ☒ N/A	Correction Factor:	1																		
Sample Custody Seals:	Yes ☐ No ☒ N/A	Temperature Reading:	2.4																		
Total Containers:		Corrected Temperature:	2.9																		
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
BH-1 (0-1')		2/13/2026		X		G	1	X	X	X											
BH-1 (2')		2/13/2026		X		G	1	X	X	X											
BH-1 (3')		2/13/2026		X		G	1	X	X	X											
BH-1 (4')		2/13/2026		X		G	1	X	X	X											
BH-1 (5')		2/13/2026		X		G	1	X	X	X											
BH-1 (6')		2/13/2026		X		G	1	X	X	X											
BH-1 (7')		2/13/2026		X		G	1	X	X	X											
BH-2 (0-1')		2/13/2026		X		G	1	X	X	X											
BH-2 (2')		2/13/2026		X		G	1	X	X	X											
BH-2 (3')		2/13/2026		X		G	1	X	X	X											

Comments:

Relinquished by: (Signature)		Date/Time	2/13/26 1136	Received by: (Signature)	Date/Time	2/13/26 1136

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Chain of Custody

Work Order No: _____

Page 2 of 3

Project Manager:	Ashon Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marientfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashon.thielke@coterra.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Rowfields ☐ JRC ☐ Jpertund
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV
Deliverables: EDO	☐ ADAPT ☐ Other:

Project Name:		Lea Fed East BT20021		Turn Around			ANALYSIS REQUEST												Preservative Codes	
Project Number:	3140	☐ Routine	☒ Rush	Due Date:	72 hr	Pres. Code												None: NO	DI Water: H ₂ O	
Project Location:	Lea County, New Mexico			Due Date:														Cool: Cool	MeOH: Me	
Sampler's Name:	JDC																	HCL: HC	HNO ₃ : HN	
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐														Hold	
Received Intact:	Yes ☒ No ☐	Thermometer ID:	TK5																	
Cooler Custody Seals:	Yes ☒ No ☒	Correction Factor:	1																	
Sample Custody Seals:	Yes ☒ No ☒	Temperature Reading:	2.6																	
Total Containers:		Corrected Temperature:	2.9																	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments		
BH-2 (4')	2/13/2026			X		G	1	X	X	X										
BH-2 (5')	2/13/2026			X		G	1	X	X	X										
BH-2 (6')	2/13/2026			X		G	1	X	X	X										
BH-2 (7')	2/13/2026			X		G	1	X	X	X										
BH-2 (8')	2/13/2026			X		G	1	X	X	X										
BH-2 (9')	2/13/2026			X		G	1	X	X	X										
BH-2 (10')	2/13/2026			X		G	1	X	X	X										
BH-2 (15')	2/13/2026			X		G	1	X	X	X										
BH-3 (0-1')	2/13/2026			X		G	1	X	X	X										
BH-3 (2')	2/13/2026			X		G	1	X	X	X										

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2-13-26 11:36		2-13-26 11:36

Chain of Custody

Work Order No: _____

Page 3 of 3

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmora Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marlenfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

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

Project Name:		Lea Fed East BT20021		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	3140	☐ Routine	☒ Rush													None: NO	DI Water: H ₂ O				
Project Location:	Lea County, New Mexico		Due Date:	72 hr													Cool: Cool	MeOH: Me			
Sampler's Name:	JDC														HCL: HC	HNO ₃ : HN					
PO #:													H ₂ SO ₄ : H ₂	NaOH: Na							
SAMPLE RECEIPT			Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	Parameters												Hold		
Received In tact:	Yes ☒ No ☐	Thermometer ID:	71.5													NaHSO ₄ : NABIS					
Cooler Custody Seals:	Yes ☐ No ☒ N/A	Correction Factor:	1													Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:	Yes ☐ No ☒ N/A	Temperature Reading:	2.6													Zn Acetate+NaOH: Zn					
Total Containers:			Corrected Temperature:	2.9													NaOH+Ascorbic Acid: SAPC				
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
BH-3 (3')		2/13/2026		X		G	1	X	X	X											
BH-3 (4')		2/13/2026		X		G	1	X	X	X											
BH-3 (5')		2/13/2026		X		G	1	X	X	X											
BH-3 (6')		2/13/2026		X		G	1	X	X	X											
BH-3 (7')		2/13/2026		X		G	1	X	X	X											
BH-3 (8')		2/13/2026		X		G	1	X	X	X											
BH-3 (9')		2/13/2026		X		G	1	X	X	X											
BH-3 (10')		2/13/2026		X		G	1	X	X	X											

Comments:

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
		2/13/26 11:36			2/13/26 11:36

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68243-1

SDG Number: Lea County New Mexico

Login Number: 68243

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/18/2026 8:22:51 PM

JOB DESCRIPTION

Lea Fed East BT20021
Lea County New Mexico

JOB NUMBER

880-68242-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
2/18/2026 8:22:51 PM

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

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Laboratory Job ID: 880-68242-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
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, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Lea Fed East BT20021

Job ID: 880-68242-1

Job ID: 880-68242-1

Eurofins Midland

Job Narrative
880-68242-1

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 2/13/2026 11:36 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.7°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: BH-4 (0-1') (880-68242-1), BH-4 (2') (880-68242-2), BH-4 (3') (880-68242-3), BH-4 (4') (880-68242-4), BH-4 (5') (880-68242-5), BH-4 (6') (880-68242-6), BH-4 (7') (880-68242-7), BH-4 (8') (880-68242-8), BH-4 (9') (880-68242-9) and BH-4 (10') (880-68242-10).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: BH-4 (0-1') (880-68242-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-132217 and analytical batch 880-132168 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH-4 (2') (880-68242-2), BH-4 (3') (880-68242-3), BH-4 (4') (880-68242-4), BH-4 (5') (880-68242-5), BH-4 (6') (880-68242-6) and BH-4 (7') (880-68242-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: BH-4 (2') (880-68242-2), BH-4 (3') (880-68242-3), BH-4 (4') (880-68242-4) and BH-4 (5') (880-68242-5). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following sample was outside control limits: BH-4 (5') (880-68242-5). 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 samples were outside control limits: BH-4 (0-1') (880-68242-1), BH-4 (2') (880-68242-2), BH-4 (3') (880-68242-3), BH-4 (4') (880-68242-4), BH-4 (5') (880-68242-5), BH-4 (6') (880-68242-6), (880-68242-A-10-D MS) and (880-68242-A-10-E 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 sample was outside control limits: (LCSD 880-131772/3-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Lea Fed East BT20021

Job ID: 880-68242-1

Job ID: 880-68242-1 (Continued)

Eurofins Midland

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Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68242-1

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00266		0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:24	1
Toluene	0.0187	F1	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:24	1
Ethylbenzene	0.0127	F1	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:24	1
m-Xylene & p-Xylene	0.190		0.00399		mg/Kg		02/18/26 07:00	02/18/26 12:24	1
o-Xylene	0.112		0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:24	1
Xylenes, Total	0.302		0.00399		mg/Kg		02/18/26 07:00	02/18/26 12:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	197	S1+	70 - 130	02/18/26 07:00	02/18/26 12:24	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/18/26 07:00	02/18/26 12:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.336		0.00399		mg/Kg			02/18/26 12:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1250		50.0		mg/Kg			02/17/26 20:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	83.5		50.0		mg/Kg		02/13/26 14:04	02/17/26 20:18	1
Diesel Range Organics (Over C10-C28)	1060		50.0		mg/Kg		02/13/26 14:04	02/17/26 20:18	1
Oil Range Organics (Over C28-C36)	110		50.0		mg/Kg		02/13/26 14:04	02/17/26 20:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130	02/13/26 14:04	02/17/26 20:18	1
o-Terphenyl (Surr)	139	S1+	70 - 130	02/13/26 14:04	02/17/26 20:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.8		9.90		mg/Kg			02/16/26 12:15	1

Client Sample ID: BH-4 (2')

Lab Sample ID: 880-68242-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0402	U	0.0402		mg/Kg		02/18/26 11:08	02/18/26 14:28	20
Toluene	1.94		0.0402		mg/Kg		02/18/26 11:08	02/18/26 14:28	20
Ethylbenzene	0.747		0.0402		mg/Kg		02/18/26 11:08	02/18/26 14:28	20
m-Xylene & p-Xylene	4.04		0.0805		mg/Kg		02/18/26 11:08	02/18/26 14:28	20
o-Xylene	3.44		0.0402		mg/Kg		02/18/26 11:08	02/18/26 14:28	20
Xylenes, Total	7.48		0.0805		mg/Kg		02/18/26 11:08	02/18/26 14:28	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	398	S1+	70 - 130	02/18/26 11:08	02/18/26 14:28	20
1,4-Difluorobenzene (Surr)	110		70 - 130	02/18/26 11:08	02/18/26 14:28	20

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

Client Sample ID: BH-4 (2')

Lab Sample ID: 880-68242-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.2		0.0805		mg/Kg			02/18/26 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6510		249		mg/Kg			02/17/26 20:33	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	872		249		mg/Kg		02/13/26 14:04	02/17/26 20:33	5
Diesel Range Organics (Over C10-C28)	5350		249		mg/Kg		02/13/26 14:04	02/17/26 20:33	5
Oil Range Organics (Over C28-C36)	283		249		mg/Kg		02/13/26 14:04	02/17/26 20:33	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	155	S1+	70 - 130				02/13/26 14:04	02/17/26 20:33	5
o-Terphenyl (Surr)	216	S1+	70 - 130				02/13/26 14:04	02/17/26 20:33	5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.4		10.1		mg/Kg			02/16/26 12:20	1

Client Sample ID: BH-4 (3')

Lab Sample ID: 880-68242-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0404	U	0.0404		mg/Kg		02/18/26 11:08	02/18/26 14:49	20
Toluene	1.89		0.0404		mg/Kg		02/18/26 11:08	02/18/26 14:49	20
Ethylbenzene	0.848		0.0404		mg/Kg		02/18/26 11:08	02/18/26 14:49	20
m-Xylene & p-Xylene	1.48		0.0808		mg/Kg		02/18/26 11:08	02/18/26 14:49	20
o-Xylene	7.17		0.0404		mg/Kg		02/18/26 11:08	02/18/26 14:49	20
Xylenes, Total	8.65		0.0808		mg/Kg		02/18/26 11:08	02/18/26 14:49	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	412	S1+	70 - 130				02/18/26 11:08	02/18/26 14:49	20
1,4-Difluorobenzene (Surr)	110		70 - 130				02/18/26 11:08	02/18/26 14:49	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	11.4		0.0808		mg/Kg			02/18/26 14:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6760		250		mg/Kg			02/17/26 20:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	946		250		mg/Kg		02/13/26 14:04	02/17/26 20:47	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

Client Sample ID: BH-4 (3')

Lab Sample ID: 880-68242-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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)	5560		250		mg/Kg		02/13/26 14:04	02/17/26 20:47	5
Oil Range Organics (Over C28-C36)	255		250		mg/Kg		02/13/26 14:04	02/17/26 20:47	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	158	S1+	70 - 130				02/13/26 14:04	02/17/26 20:47	5
o-Terphenyl (Surr)	211	S1+	70 - 130				02/13/26 14:04	02/17/26 20:47	5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.6		9.90		mg/Kg			02/16/26 12:37	1

Client Sample ID: BH-4 (4')

Lab Sample ID: 880-68242-4

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		02/18/26 11:08	02/18/26 15:09	20
Toluene	0.0613		0.0398		mg/Kg		02/18/26 11:08	02/18/26 15:09	20
Ethylbenzene	1.21		0.0398		mg/Kg		02/18/26 11:08	02/18/26 15:09	20
m-Xylene & p-Xylene	14.6		0.0795		mg/Kg		02/18/26 11:08	02/18/26 15:09	20
o-Xylene	5.75		0.0398		mg/Kg		02/18/26 11:08	02/18/26 15:09	20
Xylenes, Total	20.4		0.0795		mg/Kg		02/18/26 11:08	02/18/26 15:09	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	391	S1+	70 - 130				02/18/26 11:08	02/18/26 15:09	20
1,4-Difluorobenzene (Surr)	108		70 - 130				02/18/26 11:08	02/18/26 15:09	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	21.6		0.0795		mg/Kg			02/18/26 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4600		249		mg/Kg			02/17/26 21:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	723		249		mg/Kg		02/13/26 14:04	02/17/26 21:02	5
Diesel Range Organics (Over C10-C28)	3880		249		mg/Kg		02/13/26 14:04	02/17/26 21:02	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		02/13/26 14:04	02/17/26 21:02	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	146	S1+	70 - 130				02/13/26 14:04	02/17/26 21:02	5
o-Terphenyl (Surr)	185	S1+	70 - 130				02/13/26 14:04	02/17/26 21:02	5

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			02/16/26 12:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

Client Sample ID: BH-4 (5')

Lab Sample ID: 880-68242-5

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0396	U	0.0396		mg/Kg		02/18/26 11:08	02/18/26 15:30	20
Toluene	<0.0396	U	0.0396		mg/Kg		02/18/26 11:08	02/18/26 15:30	20
Ethylbenzene	7.21		0.0396		mg/Kg		02/18/26 11:08	02/18/26 15:30	20
m-Xylene & p-Xylene	20.0		2.01		mg/Kg		02/18/26 11:38	02/18/26 18:45	500
o-Xylene	4.61		0.0396		mg/Kg		02/18/26 11:08	02/18/26 15:30	20
Xylenes, Total	26.9		2.01		mg/Kg		02/18/26 11:38	02/18/26 18:45	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	491	S1+	70 - 130	02/18/26 11:08	02/18/26 15:30	20
1,4-Difluorobenzene (Surr)	109		70 - 130	02/18/26 11:08	02/18/26 15:30	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	31.8		2.01		mg/Kg			02/18/26 18:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4440		250		mg/Kg			02/17/26 21:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	774		250		mg/Kg		02/13/26 14:04	02/17/26 21:16	5
Diesel Range Organics (Over C10-C28)	3670		250		mg/Kg		02/13/26 14:04	02/17/26 21:16	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		02/13/26 14:04	02/17/26 21:16	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	164	S1+	70 - 130	02/13/26 14:04	02/17/26 21:16	5
o-Terphenyl (Surr)	195	S1+	70 - 130	02/13/26 14:04	02/17/26 21:16	5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		10.0		mg/Kg			02/16/26 13:00	1

Client Sample ID: BH-4 (6')

Lab Sample ID: 880-68242-6

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/18/26 11:08	02/18/26 12:45	1
Toluene	0.0394		0.00201		mg/Kg		02/18/26 11:08	02/18/26 12:45	1
Ethylbenzene	0.0250		0.00201		mg/Kg		02/18/26 11:08	02/18/26 12:45	1
m-Xylene & p-Xylene	0.0496		0.00402		mg/Kg		02/18/26 11:08	02/18/26 12:45	1
o-Xylene	0.00564		0.00201		mg/Kg		02/18/26 11:08	02/18/26 12:45	1
Xylenes, Total	0.0552		0.00402		mg/Kg		02/18/26 11:08	02/18/26 12:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	243	S1+	70 - 130	02/18/26 11:08	02/18/26 12:45	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/18/26 11:08	02/18/26 12:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

Client Sample ID: BH-4 (6')

Lab Sample ID: 880-68242-6

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.120		0.00402		mg/Kg			02/18/26 12:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	831		49.8		mg/Kg			02/17/26 21:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	75.1		49.8		mg/Kg		02/13/26 14:04	02/17/26 21:31	1
Diesel Range Organics (Over C10-C28)	756		49.8		mg/Kg		02/13/26 14:04	02/17/26 21:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/26 14:04	02/17/26 21:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130				02/13/26 14:04	02/17/26 21:31	1
o-Terphenyl (Surr)	147	S1+	70 - 130				02/13/26 14:04	02/17/26 21:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.7		9.96		mg/Kg			02/16/26 13:05	1

Client Sample ID: BH-4 (7')

Lab Sample ID: 880-68242-7

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 11:08	02/18/26 13:06	1
Toluene	0.0107		0.00202		mg/Kg		02/18/26 11:08	02/18/26 13:06	1
Ethylbenzene	0.0106		0.00202		mg/Kg		02/18/26 11:08	02/18/26 13:06	1
m-Xylene & p-Xylene	0.00710		0.00404		mg/Kg		02/18/26 11:08	02/18/26 13:06	1
o-Xylene	0.0104		0.00202		mg/Kg		02/18/26 11:08	02/18/26 13:06	1
Xylenes, Total	0.0175		0.00404		mg/Kg		02/18/26 11:08	02/18/26 13:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	177	S1+	70 - 130				02/18/26 11:08	02/18/26 13:06	1
1,4-Difluorobenzene (Surr)	108		70 - 130				02/18/26 11:08	02/18/26 13:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0388		0.00404		mg/Kg			02/18/26 13:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	222		50.0		mg/Kg			02/17/26 21:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 21:44	1
Diesel Range Organics (Over C10-C28)	222		50.0		mg/Kg		02/13/26 14:04	02/17/26 21:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

Client Sample ID: BH-4 (7')

Lab Sample ID: 880-68242-7

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/13/26 14:04	02/17/26 21:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				02/13/26 14:04	02/17/26 21:44	1
o-Terphenyl (Surr)	120		70 - 130				02/13/26 14:04	02/17/26 21:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.6		10.1		mg/Kg			02/16/26 13:11	1

Client Sample ID: BH-4 (8')

Lab Sample ID: 880-68242-8

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/18/26 11:08	02/18/26 13:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/18/26 11:08	02/18/26 13:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/18/26 11:08	02/18/26 13:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/18/26 11:08	02/18/26 13:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/18/26 11:08	02/18/26 13:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/18/26 11:08	02/18/26 13:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/18/26 11:08	02/18/26 13:26	1
1,4-Difluorobenzene (Surr)	109		70 - 130				02/18/26 11:08	02/18/26 13:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/18/26 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	70.2		49.9		mg/Kg			02/17/26 21:59	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	<49.9	U	49.9		mg/Kg		02/13/26 14:04	02/17/26 21:59	1
Diesel Range Organics (Over C10-C28)	70.2		49.9		mg/Kg		02/13/26 14:04	02/17/26 21:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:04	02/17/26 21:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				02/13/26 14:04	02/17/26 21:59	1
o-Terphenyl (Surr)	116		70 - 130				02/13/26 14:04	02/17/26 21:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.4		10.1		mg/Kg			02/16/26 13:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

Client Sample ID: BH-4 (9')

Lab Sample ID: 880-68242-9

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 11:08	02/18/26 13:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/18/26 11:08	02/18/26 13:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/18/26 11:08	02/18/26 13:47	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/18/26 11:08	02/18/26 13:47	1
o-Xylene	0.0118		0.00198		mg/Kg		02/18/26 11:08	02/18/26 13:47	1
Xylenes, Total	0.0118		0.00396		mg/Kg		02/18/26 11:08	02/18/26 13:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/18/26 11:08	02/18/26 13:47	1
1,4-Difluorobenzene (Surr)	116		70 - 130	02/18/26 11:08	02/18/26 13:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0118		0.00396		mg/Kg			02/18/26 13:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/26 22:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 22:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 22:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 22:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130	02/13/26 14:04	02/17/26 22:13	1
o-Terphenyl (Surr)	108		70 - 130	02/13/26 14:04	02/17/26 22:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.3		9.96		mg/Kg			02/16/26 13:22	1

Client Sample ID: BH-4 (10')

Lab Sample ID: 880-68242-10

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 14:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 14:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 14:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/18/26 11:08	02/18/26 14:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 14:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/18/26 11:08	02/18/26 14:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/18/26 11:08	02/18/26 14:07	1
1,4-Difluorobenzene (Surr)	112		70 - 130	02/18/26 11:08	02/18/26 14:07	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

Client Sample ID: BH-4 (10')

Lab Sample ID: 880-68242-10

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/18/26 14:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	80.1		49.9		mg/Kg			02/17/26 19:36	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		02/13/26 14:04	02/17/26 19:36	1
Diesel Range Organics (Over C10-C28)	80.1		49.9		mg/Kg		02/13/26 14:04	02/17/26 19:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:04	02/17/26 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				02/13/26 14:04	02/17/26 19:36	1
o-Terphenyl (Surr)	117		70 - 130				02/13/26 14:04	02/17/26 19:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.8		10.1		mg/Kg			02/16/26 13:28	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
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)
880-68242-1	BH-4 (0-1')	197 S1+	110
880-68242-1 MS	BH-4 (0-1')	213 S1+	111
880-68242-1 MSD	BH-4 (0-1')	275 S1+	109
880-68242-2	BH-4 (2')	398 S1+	110
880-68242-3	BH-4 (3')	412 S1+	110
880-68242-4	BH-4 (4')	391 S1+	108
880-68242-5	BH-4 (5')	491 S1+	109
880-68242-6	BH-4 (6')	243 S1+	99
880-68242-7	BH-4 (7')	177 S1+	108
880-68242-8	BH-4 (8')	105	109
880-68242-9	BH-4 (9')	108	116
880-68242-10	BH-4 (10')	109	112
880-68275-A-1-C MS	Matrix Spike	137 S1+	84
880-68275-A-1-D MSD	Matrix Spike Duplicate	132 S1+	83
LCS 880-132217/1-A	Lab Control Sample	102	116
LCS 880-132225/1-A	Lab Control Sample	101	81
LCSD 880-132217/2-A	Lab Control Sample Dup	107	118
LCSD 880-132225/2-A	Lab Control Sample Dup	99	85
MB 880-132217/5-A	Method Blank	97	107
MB 880-132225/5-A	Method Blank	127	84
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)
880-68242-1	BH-4 (0-1')	112	139 S1+
880-68242-2	BH-4 (2')	155 S1+	216 S1+
880-68242-3	BH-4 (3')	158 S1+	211 S1+
880-68242-4	BH-4 (4')	146 S1+	185 S1+
880-68242-5	BH-4 (5')	164 S1+	195 S1+
880-68242-6	BH-4 (6')	127	147 S1+
880-68242-7	BH-4 (7')	108	120
880-68242-8	BH-4 (8')	104	116
880-68242-9	BH-4 (9')	98	108
880-68242-10	BH-4 (10')	106	117
880-68242-10 MS	BH-4 (10')	143 S1+	139 S1+
880-68242-10 MSD	BH-4 (10')	140 S1+	142 S1+
LCS 880-131772/2-A	Lab Control Sample	130	125
LCSD 880-131772/3-A	Lab Control Sample Dup	137 S1+	133 S1+
MB 880-131772/1-A	Method Blank	93	99
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-132217/5-A

Matrix: Solid

Analysis Batch: 132168

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132217

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 12:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	02/18/26 07:00	02/18/26 12:03	1
1,4-Difluorobenzene (Surr)	107		70 - 130	02/18/26 07:00	02/18/26 12:03	1

Lab Sample ID: LCS 880-132217/1-A

Matrix: Solid

Analysis Batch: 132168

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09804		mg/Kg		98	70 - 130
Toluene	0.100	0.08994		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09619		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1877		mg/Kg		94	70 - 130
o-Xylene	0.100	0.08819		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: LCSD 880-132217/2-A

Matrix: Solid

Analysis Batch: 132168

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 132217

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09067		mg/Kg		91	70 - 130	8	35
Toluene	0.100	0.08217		mg/Kg		82	70 - 130	9	35
Ethylbenzene	0.100	0.08927		mg/Kg		89	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1742		mg/Kg		87	70 - 130	7	35
o-Xylene	0.100	0.08258		mg/Kg		83	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: 880-68242-1 MS

Matrix: Solid

Analysis Batch: 132168

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

Prep Type: Total/NA

Prep Batch: 132217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00266		0.100	0.08139		mg/Kg		79	70 - 130
Toluene	0.0187	F1	0.100	0.07342	F1	mg/Kg		55	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68242-1 MS

Matrix: Solid

Analysis Batch: 132168

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

Prep Type: Total/NA

Prep Batch: 132217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.0127	F1	0.100	0.08029	F1	mg/Kg		68	70 - 130
m-Xylene & p-Xylene	0.190		0.200	0.3907		mg/Kg		100	70 - 130
o-Xylene	0.112		0.100	0.2099		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	213	S1+	70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-68242-1 MSD

Matrix: Solid

Analysis Batch: 132168

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

Prep Type: Total/NA

Prep Batch: 132217

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00266		0.100	0.08193		mg/Kg		79	70 - 130	1	35
Toluene	0.0187	F1	0.100	0.08366	F1	mg/Kg		65	70 - 130	13	35
Ethylbenzene	0.0127	F1	0.100	0.07237	F1	mg/Kg		60	70 - 130	10	35
m-Xylene & p-Xylene	0.190		0.200	0.3681		mg/Kg		89	70 - 130	6	35
o-Xylene	0.112		0.100	0.2331		mg/Kg		121	70 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	275	S1+	70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: MB 880-132225/5-A

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132225

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 11:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	02/18/26 07:00	02/18/26 11:20	1
1,4-Difluorobenzene (Surr)	84		70 - 130	02/18/26 07:00	02/18/26 11:20	1

Lab Sample ID: LCS 880-132225/1-A

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1162		mg/Kg		116	70 - 130
Toluene	0.100	0.1150		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1127		mg/Kg		113	70 - 130
m-Xylene & p-Xylene	0.200	0.1790		mg/Kg		90	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-132225/1-A

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09012		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Lab Sample ID: LCSD 880-132225/2-A

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 132225

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1282		mg/Kg		128	70 - 130	10	35
Toluene	0.100	0.1159		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1090		mg/Kg		109	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1782		mg/Kg		89	70 - 130	0	35
o-Xylene	0.100	0.09045		mg/Kg		90	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 880-68275-A-1-C MS

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 132225

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1111		mg/Kg		111	70 - 130
Toluene	<0.00200	U	0.100	0.09882		mg/Kg		99	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.1114		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1934		mg/Kg		97	70 - 130
o-Xylene	<0.00200	U	0.100	0.1001		mg/Kg		100	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 880-68275-A-1-D MSD

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 132225

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	0.1285		mg/Kg		129	70 - 130	15	35
Toluene	<0.00200	U	0.100	0.1279		mg/Kg		128	70 - 130	26	35
Ethylbenzene	<0.00200	U F1	0.100	0.1355	F1	mg/Kg		135	70 - 130	20	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2427		mg/Kg		121	70 - 130	23	35
o-Xylene	<0.00200	U	0.100	0.1229		mg/Kg		123	70 - 130	20	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68275-A-1-D MSD

Matrix: Solid

Analysis Batch: 132162

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 132225

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

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

Lab Sample ID: MB 880-131772/1-A

Matrix: Solid

Analysis Batch: 132020

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131772

	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		02/13/26 14:04	02/17/26 18:53	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 18:53	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 18:53	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane (Surr)	93		70 - 130				02/13/26 14:04	02/17/26 18:53	1	
o-Terphenyl (Surr)	99		70 - 130				02/13/26 14:04	02/17/26 18:53	1	

Lab Sample ID: LCS 880-131772/2-A

Matrix: Solid

Analysis Batch: 132020

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131772

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	971.4		mg/Kg		97	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	874.5		mg/Kg		87	70 - 130			
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	130		70 - 130							
o-Terphenyl (Surr)	125		70 - 130							

Lab Sample ID: LCSD 880-131772/3-A

Matrix: Solid

Analysis Batch: 132020

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131772

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	1009		mg/Kg		101	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)	1000	967.1		mg/Kg		97	70 - 130	10	20	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	137	S1+	70 - 130							
o-Terphenyl (Surr)	133	S1+	70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68242-10 MS

Matrix: Solid

Analysis Batch: 132020

Client Sample ID: BH-4 (10')

Prep Type: Total/NA

Prep Batch: 131772

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1010		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	80.1		999	840.8		mg/Kg		76	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	143	S1+	70 - 130						
o-Terphenyl (Surr)	139	S1+	70 - 130						

Lab Sample ID: 880-68242-10 MSD

Matrix: Solid

Analysis Batch: 132020

Client Sample ID: BH-4 (10')

Prep Type: Total/NA

Prep Batch: 131772

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	982.8		mg/Kg		98	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	80.1		999	851.9		mg/Kg		77	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	140	S1+	70 - 130								
o-Terphenyl (Surr)	142	S1+	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131758/1-A

Matrix: Solid

Analysis Batch: 131869

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/16/26 10:44	1

Lab Sample ID: LCS 880-131758/2-A

Matrix: Solid

Analysis Batch: 131869

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.7		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-131758/3-A

Matrix: Solid

Analysis Batch: 131869

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	231.9		mg/Kg		93	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-68242-2 MS										Client Sample ID: BH-4 (2')			
Matrix: Solid										Prep Type: Soluble			
Analysis Batch: 131869													
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits				
Chloride	13.4		252	261.0		mg/Kg		98	90 - 110				

Lab Sample ID: 880-68242-2 MSD										Client Sample ID: BH-4 (2')			
Matrix: Solid										Prep Type: Soluble			
Analysis Batch: 131869													
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit		
Chloride	13.4		252	259.1		mg/Kg		98	90 - 110	1	20		

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 132162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-5	BH-4 (5')	Total/NA	Solid	8021B	132225
MB 880-132225/5-A	Method Blank	Total/NA	Solid	8021B	132225
LCS 880-132225/1-A	Lab Control Sample	Total/NA	Solid	8021B	132225
LCSD 880-132225/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132225
880-68275-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	132225
880-68275-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132225

Analysis Batch: 132168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-1	BH-4 (0-1')	Total/NA	Solid	8021B	132217
880-68242-2	BH-4 (2')	Total/NA	Solid	8021B	132217
880-68242-3	BH-4 (3')	Total/NA	Solid	8021B	132217
880-68242-4	BH-4 (4')	Total/NA	Solid	8021B	132217
880-68242-5	BH-4 (5')	Total/NA	Solid	8021B	132217
880-68242-6	BH-4 (6')	Total/NA	Solid	8021B	132217
880-68242-7	BH-4 (7')	Total/NA	Solid	8021B	132217
880-68242-8	BH-4 (8')	Total/NA	Solid	8021B	132217
880-68242-9	BH-4 (9')	Total/NA	Solid	8021B	132217
880-68242-10	BH-4 (10')	Total/NA	Solid	8021B	132217
MB 880-132217/5-A	Method Blank	Total/NA	Solid	8021B	132217
LCS 880-132217/1-A	Lab Control Sample	Total/NA	Solid	8021B	132217
LCSD 880-132217/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132217
880-68242-1 MS	BH-4 (0-1')	Total/NA	Solid	8021B	132217
880-68242-1 MSD	BH-4 (0-1')	Total/NA	Solid	8021B	132217

Prep Batch: 132217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-1	BH-4 (0-1')	Total/NA	Solid	5035	
880-68242-2	BH-4 (2')	Total/NA	Solid	5035	
880-68242-3	BH-4 (3')	Total/NA	Solid	5035	
880-68242-4	BH-4 (4')	Total/NA	Solid	5035	
880-68242-5	BH-4 (5')	Total/NA	Solid	5035	
880-68242-6	BH-4 (6')	Total/NA	Solid	5035	
880-68242-7	BH-4 (7')	Total/NA	Solid	5035	
880-68242-8	BH-4 (8')	Total/NA	Solid	5035	
880-68242-9	BH-4 (9')	Total/NA	Solid	5035	
880-68242-10	BH-4 (10')	Total/NA	Solid	5035	
MB 880-132217/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132217/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132217/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68242-1 MS	BH-4 (0-1')	Total/NA	Solid	5035	
880-68242-1 MSD	BH-4 (0-1')	Total/NA	Solid	5035	

Prep Batch: 132225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-5	BH-4 (5')	Total/NA	Solid	5035	
MB 880-132225/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132225/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132225/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68275-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-68275-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 132292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-1	BH-4 (0-1')	Total/NA	Solid	Total BTEX	
880-68242-2	BH-4 (2')	Total/NA	Solid	Total BTEX	
880-68242-3	BH-4 (3')	Total/NA	Solid	Total BTEX	
880-68242-4	BH-4 (4')	Total/NA	Solid	Total BTEX	
880-68242-5	BH-4 (5')	Total/NA	Solid	Total BTEX	
880-68242-6	BH-4 (6')	Total/NA	Solid	Total BTEX	
880-68242-7	BH-4 (7')	Total/NA	Solid	Total BTEX	
880-68242-8	BH-4 (8')	Total/NA	Solid	Total BTEX	
880-68242-9	BH-4 (9')	Total/NA	Solid	Total BTEX	
880-68242-10	BH-4 (10')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-1	BH-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-68242-2	BH-4 (2')	Total/NA	Solid	8015NM Prep	
880-68242-3	BH-4 (3')	Total/NA	Solid	8015NM Prep	
880-68242-4	BH-4 (4')	Total/NA	Solid	8015NM Prep	
880-68242-5	BH-4 (5')	Total/NA	Solid	8015NM Prep	
880-68242-6	BH-4 (6')	Total/NA	Solid	8015NM Prep	
880-68242-7	BH-4 (7')	Total/NA	Solid	8015NM Prep	
880-68242-8	BH-4 (8')	Total/NA	Solid	8015NM Prep	
880-68242-9	BH-4 (9')	Total/NA	Solid	8015NM Prep	
880-68242-10	BH-4 (10')	Total/NA	Solid	8015NM Prep	
MB 880-131772/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131772/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131772/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68242-10 MS	BH-4 (10')	Total/NA	Solid	8015NM Prep	
880-68242-10 MSD	BH-4 (10')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 132020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-1	BH-4 (0-1')	Total/NA	Solid	8015B NM	131772
880-68242-2	BH-4 (2')	Total/NA	Solid	8015B NM	131772
880-68242-3	BH-4 (3')	Total/NA	Solid	8015B NM	131772
880-68242-4	BH-4 (4')	Total/NA	Solid	8015B NM	131772
880-68242-5	BH-4 (5')	Total/NA	Solid	8015B NM	131772
880-68242-6	BH-4 (6')	Total/NA	Solid	8015B NM	131772
880-68242-7	BH-4 (7')	Total/NA	Solid	8015B NM	131772
880-68242-8	BH-4 (8')	Total/NA	Solid	8015B NM	131772
880-68242-9	BH-4 (9')	Total/NA	Solid	8015B NM	131772
880-68242-10	BH-4 (10')	Total/NA	Solid	8015B NM	131772
MB 880-131772/1-A	Method Blank	Total/NA	Solid	8015B NM	131772
LCS 880-131772/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131772
LCSD 880-131772/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131772
880-68242-10 MS	BH-4 (10')	Total/NA	Solid	8015B NM	131772
880-68242-10 MSD	BH-4 (10')	Total/NA	Solid	8015B NM	131772

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QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 132200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-1	BH-4 (0-1')	Total/NA	Solid	8015 NM	
880-68242-2	BH-4 (2')	Total/NA	Solid	8015 NM	
880-68242-3	BH-4 (3')	Total/NA	Solid	8015 NM	
880-68242-4	BH-4 (4')	Total/NA	Solid	8015 NM	
880-68242-5	BH-4 (5')	Total/NA	Solid	8015 NM	
880-68242-6	BH-4 (6')	Total/NA	Solid	8015 NM	
880-68242-7	BH-4 (7')	Total/NA	Solid	8015 NM	
880-68242-8	BH-4 (8')	Total/NA	Solid	8015 NM	
880-68242-9	BH-4 (9')	Total/NA	Solid	8015 NM	
880-68242-10	BH-4 (10')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-1	BH-4 (0-1')	Soluble	Solid	DI Leach	
880-68242-2	BH-4 (2')	Soluble	Solid	DI Leach	
880-68242-3	BH-4 (3')	Soluble	Solid	DI Leach	
880-68242-4	BH-4 (4')	Soluble	Solid	DI Leach	
880-68242-5	BH-4 (5')	Soluble	Solid	DI Leach	
880-68242-6	BH-4 (6')	Soluble	Solid	DI Leach	
880-68242-7	BH-4 (7')	Soluble	Solid	DI Leach	
880-68242-8	BH-4 (8')	Soluble	Solid	DI Leach	
880-68242-9	BH-4 (9')	Soluble	Solid	DI Leach	
880-68242-10	BH-4 (10')	Soluble	Solid	DI Leach	
MB 880-131758/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131758/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131758/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68242-2 MS	BH-4 (2')	Soluble	Solid	DI Leach	
880-68242-2 MSD	BH-4 (2')	Soluble	Solid	DI Leach	

Analysis Batch: 131869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-1	BH-4 (0-1')	Soluble	Solid	300.0	131758
880-68242-2	BH-4 (2')	Soluble	Solid	300.0	131758
880-68242-3	BH-4 (3')	Soluble	Solid	300.0	131758
880-68242-4	BH-4 (4')	Soluble	Solid	300.0	131758
880-68242-5	BH-4 (5')	Soluble	Solid	300.0	131758
880-68242-6	BH-4 (6')	Soluble	Solid	300.0	131758
880-68242-7	BH-4 (7')	Soluble	Solid	300.0	131758
880-68242-8	BH-4 (8')	Soluble	Solid	300.0	131758
880-68242-9	BH-4 (9')	Soluble	Solid	300.0	131758
880-68242-10	BH-4 (10')	Soluble	Solid	300.0	131758
MB 880-131758/1-A	Method Blank	Soluble	Solid	300.0	131758
LCS 880-131758/2-A	Lab Control Sample	Soluble	Solid	300.0	131758
LCSD 880-131758/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131758
880-68242-2 MS	BH-4 (2')	Soluble	Solid	300.0	131758
880-68242-2 MSD	BH-4 (2')	Soluble	Solid	300.0	131758

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68242-1

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132217	02/18/26 07:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 12:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 12:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 20:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 20:18	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 12:15	CS	EET MID

Client Sample ID: BH-4 (2')

Lab Sample ID: 880-68242-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	132168	02/18/26 14:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 14:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 20:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	132020	02/17/26 20:33	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 12:20	CS	EET MID

Client Sample ID: BH-4 (3')

Lab Sample ID: 880-68242-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	132168	02/18/26 14:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 14:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 20:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	132020	02/17/26 20:47	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 12:37	CS	EET MID

Client Sample ID: BH-4 (4')

Lab Sample ID: 880-68242-4

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	132168	02/18/26 15:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 15:09	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

Client Sample ID: BH-4 (4')

Lab Sample ID: 880-68242-4

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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			132200	02/17/26 21:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	132020	02/17/26 21:02	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 12:43	CS	EET MID

Client Sample ID: BH-4 (5')

Lab Sample ID: 880-68242-5

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	132168	02/18/26 15:30	MNR	EET MID
Total/NA	Prep	5035			4.97 g	5 mL	132225	02/18/26 11:38	MNR	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	132162	02/18/26 18:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 18:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 21:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	132020	02/17/26 21:16	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 13:00	CS	EET MID

Client Sample ID: BH-4 (6')

Lab Sample ID: 880-68242-6

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 12:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 12:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 21:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 21:31	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 13:05	CS	EET MID

Client Sample ID: BH-4 (7')

Lab Sample ID: 880-68242-7

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 13:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 13:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 21:44	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

Client Sample ID: BH-4 (7')

Lab Sample ID: 880-68242-7

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 21:44	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 13:11	CS	EET MID

Client Sample ID: BH-4 (8')

Lab Sample ID: 880-68242-8

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 13:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 13:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 21:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 21:59	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 13:17	CS	EET MID

Client Sample ID: BH-4 (9')

Lab Sample ID: 880-68242-9

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 13:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 13:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 22:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 22:13	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 13:22	CS	EET MID

Client Sample ID: BH-4 (10')

Lab Sample ID: 880-68242-10

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 14:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 14:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 19:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 19:36	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

Client Sample ID: BH-4 (10')
Date Collected: 02/13/26 00:00
Date Received: 02/13/26 11:36

Lab Sample ID: 880-68242-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 13:28	CS	EET MID

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
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: Lea Fed East BT20021

Job ID: 880-68242-1
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: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68242-1	BH-4 (0-1')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-2	BH-4 (2')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-3	BH-4 (3')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-4	BH-4 (4')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-5	BH-4 (5')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-6	BH-4 (6')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-7	BH-4 (7')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-8	BH-4 (8')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-9	BH-4 (9')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-10	BH-4 (10')	Solid	02/13/26 00:00	02/13/26 11:36	Texas

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Chain of Custody



880-68242 Chain of Custody

2/18/2026

Page 1 of 1

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmora Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marientfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ IJC ☐ IPfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:		Lea Fed East BT20021		Turn Around		ANALYSIS REQUEST												Preservative Codes			
Project Number:	3140	☐ Routine	☒ Rush	Pres. Code													None: NO	DI Water: H ₂ O			
Project Location	Lea County, New Mexico	Due Date:	72 hr														Cool: Cool	MeOH: Me			
Sampler's Name:	JDC																	HCL: HC	HNO ₃ : HN		
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	Parameters													Hold			
	Received Intact:	Yes ☒ No ☐	Thermometer ID:	1-1	BTEx 8021B																
	Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:	2.6	TPH 8015M (GRO + DRO + MRO)																
	Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:	2.7	Chloride 300.0																
	Total Containers:		Corrected Temperature:																		
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont														Sample Comments
BH-4 (0-1')		2/13/2026		X		G	1	X	X	X											
BH-4 (2')		2/13/2026		X		G	1	X	X	X											
BH-4 (3')		2/13/2026		X		G	1	X	X	X											
BH-4 (4')		2/13/2026		X		G	1	X	X	X											
BH-4 (5')		2/13/2026		X		G	1	X	X	X											
BH-4 (6')		2/13/2026		X		G	1	X	X	X											
BH-4 (7')		2/13/2026		X		G	1	X	X	X											
BH-4 (8')		2/13/2026		X		G	1	X	X	X											
BH-4 (9')		2/13/2026		X		G	1	X	X	X											
BH-4 (10')		2/13/2026		X		G	1	X	X	X											

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	2-13-26 11:36	<i>[Signature]</i>	2-13-26 11:36

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68242-1

SDG Number: Lea County New Mexico

Login Number: 68242

List Number: 1

Creator: Juarez, Leticia

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/18/2026 8:17:54 PM

JOB DESCRIPTION

Lea Fed East BT20021
Lea County New Mexico

JOB NUMBER

880-68245-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
2/18/2026 8:17:54 PM

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

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Laboratory Job ID: 880-68245-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
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
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: Lea Fed East BT20021

Job ID: 880-68245-1

Job ID: 880-68245-1

Eurofins Midland

Job Narrative
880-68245-1

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 2/13/2026 11:36 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.7°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-68245-1), H-2 (0-0.5') (880-68245-2), H-3 (0-0.5') (880-68245-3) and H-4 (0-0.5') (880-68245-4).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-132215 and analytical batch 880-132167 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-132215 and analytical batch 880-132167 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 control limits: (880-68244-A-1-D MSD). Evidence of matrix interferences is not obvious.

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5') (880-68245-1), H-2 (0-0.5') (880-68245-2), H-3 (0-0.5') (880-68245-3), H-4 (0-0.5') (880-68245-4), (LCS 880-131774/2-A), (LCSD 880-131774/3-A), (880-68244-A-3-B), (880-68244-A-3-C MS) and (880-68244-A-3-D MSD). Evidence of matrix interferences is not obvious.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-131774 and analytical batch 880-132062 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.

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131762 and analytical batch 880-131870 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: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68245-1

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:41	02/18/26 15:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:41	02/18/26 15:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:41	02/18/26 15:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/18/26 10:41	02/18/26 15:09	1
o-Xylene	0.00341		0.00199		mg/Kg		02/18/26 10:41	02/18/26 15:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/18/26 10:41	02/18/26 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	02/18/26 10:41	02/18/26 15:09	1
1,4-Difluorobenzene (Surr)	103		70 - 130	02/18/26 10:41	02/18/26 15:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/18/26 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/18/26 02:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		02/13/26 14:13	02/18/26 02:07	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/13/26 14:13	02/18/26 02:07	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/13/26 14:13	02/18/26 02:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	130		70 - 130	02/13/26 14:13	02/18/26 02:07	1
o-Terphenyl (Surr)	136	S1+	70 - 130	02/13/26 14:13	02/18/26 02:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			02/16/26 14:08	1

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

Lab Sample ID: 880-68245-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 17:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 17:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 17:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/18/26 10:41	02/18/26 17:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 17:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/18/26 10:41	02/18/26 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/18/26 10:41	02/18/26 17:20	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/18/26 10:41	02/18/26 17:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68245-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/18/26 17:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/18/26 02:22	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		02/13/26 14:13	02/18/26 02:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/26 14:13	02/18/26 02:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:13	02/18/26 02:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	129		70 - 130				02/13/26 14:13	02/18/26 02:22	1
o-Terphenyl (Surr)	142	S1+	70 - 130				02/13/26 14:13	02/18/26 02:22	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			02/16/26 14:14	1

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

Lab Sample ID: 880-68245-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:41	02/18/26 17:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:41	02/18/26 17:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:41	02/18/26 17:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/18/26 10:41	02/18/26 17:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:41	02/18/26 17:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/18/26 10:41	02/18/26 17:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				02/18/26 10:41	02/18/26 17:40	1
1,4-Difluorobenzene (Surr)	119		70 - 130				02/18/26 10:41	02/18/26 17:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/18/26 17:40	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			02/18/26 02:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:13	02/18/26 02:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:13	02/18/26 02:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68245-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/13/26 14:13	02/18/26 02:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130				02/13/26 14:13	02/18/26 02:37	1
o-Terphenyl (Surr)	133	S1+	70 - 130				02/13/26 14:13	02/18/26 02:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			02/16/26 14:21	1

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

Lab Sample ID: 880-68245-4

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 16:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 16:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 16:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/18/26 11:08	02/18/26 16:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 16:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/18/26 11:08	02/18/26 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				02/18/26 11:08	02/18/26 16:53	1
1,4-Difluorobenzene (Surr)	113		70 - 130				02/18/26 11:08	02/18/26 16:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/18/26 16:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/18/26 02:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/13/26 14:13	02/18/26 02:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/26 14:13	02/18/26 02:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/26 14:13	02/18/26 02:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	131	S1+	70 - 130				02/13/26 14:13	02/18/26 02:52	1
o-Terphenyl (Surr)	140	S1+	70 - 130				02/13/26 14:13	02/18/26 02:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	232		10.0		mg/Kg			02/16/26 14:28	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
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)
880-68242-A-1-F MS	Matrix Spike	213 S1+	111
880-68242-A-1-G MSD	Matrix Spike Duplicate	275 S1+	109
880-68244-A-1-C MS	Matrix Spike	123	89
880-68244-A-1-D MSD	Matrix Spike Duplicate	136 S1+	100
880-68245-1	H-1 (0-0.5')	126	103
880-68245-2	H-2 (0-0.5')	104	98
880-68245-3	H-3 (0-0.5')	129	119
880-68245-4	H-4 (0-0.5')	106	113
LCS 880-132215/1-A	Lab Control Sample	112	90
LCS 880-132217/1-A	Lab Control Sample	102	116
LCSD 880-132215/2-A	Lab Control Sample Dup	117	104
LCSD 880-132217/2-A	Lab Control Sample Dup	107	118
MB 880-132215/5-A	Method Blank	238 S1+	128
MB 880-132217/5-A	Method Blank	97	107
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)
880-68244-A-3-C MS	Matrix Spike	156 S1+	145 S1+
880-68244-A-3-D MSD	Matrix Spike Duplicate	156 S1+	145 S1+
880-68245-1	H-1 (0-0.5')	130	136 S1+
880-68245-2	H-2 (0-0.5')	129	142 S1+
880-68245-3	H-3 (0-0.5')	123	133 S1+
880-68245-4	H-4 (0-0.5')	131 S1+	140 S1+
LCS 880-131774/2-A	Lab Control Sample	124	140 S1+
LCSD 880-131774/3-A	Lab Control Sample Dup	138 S1+	151 S1+
MB 880-131774/1-A	Method Blank	138 S1+	152 S1+
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-132215/5-A

Matrix: Solid

Analysis Batch: 132167

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 08:00	02/18/26 11:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	238	S1+	70 - 130	02/18/26 08:00	02/18/26 11:56	1
1,4-Difluorobenzene (Surr)	128		70 - 130	02/18/26 08:00	02/18/26 11:56	1

Lab Sample ID: LCS 880-132215/1-A

Matrix: Solid

Analysis Batch: 132167

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132215

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1049		mg/Kg		105	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.09170		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.2298		mg/Kg		115	70 - 130
o-Xylene	0.100	0.1287		mg/Kg		129	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-132215/2-A

Matrix: Solid

Analysis Batch: 132167

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 132215

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1146		mg/Kg		115	70 - 130	9	35
Toluene	0.100	0.1039		mg/Kg		104	70 - 130	4	35
Ethylbenzene	0.100	0.1060		mg/Kg		106	70 - 130	14	35
m-Xylene & p-Xylene	0.200	0.2445		mg/Kg		122	70 - 130	6	35
o-Xylene	0.100	0.1273		mg/Kg		127	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-68244-A-1-C MS

Matrix: Solid

Analysis Batch: 132167

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 132215

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09788		mg/Kg		98	70 - 130
Toluene	<0.00200	U F1 F2	0.100	0.1111		mg/Kg		111	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68244-A-1-C MS

Matrix: Solid

Analysis Batch: 132167

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 132215

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1 F2	0.100	0.1118		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.2678	F1	mg/Kg		134	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.1214		mg/Kg		121	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-68244-A-1-D MSD

Matrix: Solid

Analysis Batch: 132167

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 132215

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	0.08695		mg/Kg		87	70 - 130	12	35
Toluene	<0.00200	U F1 F2	0.100	0.06457	F1 F2	mg/Kg		65	70 - 130	53	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.06033	F1 F2	mg/Kg		58	70 - 130	60	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.2312		mg/Kg		116	70 - 130	15	35
o-Xylene	<0.00200	U F1	0.100	0.1510	F1	mg/Kg		151	70 - 130	22	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-132217/5-A

Matrix: Solid

Analysis Batch: 132168

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132217

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 12:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	02/18/26 07:00	02/18/26 12:03	1
1,4-Difluorobenzene (Surr)	107		70 - 130	02/18/26 07:00	02/18/26 12:03	1

Lab Sample ID: LCS 880-132217/1-A

Matrix: Solid

Analysis Batch: 132168

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09804		mg/Kg		98	70 - 130
Toluene	0.100	0.08994		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09619		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1877		mg/Kg		94	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-132217/1-A

Matrix: Solid

Analysis Batch: 132168

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08819		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: LCSD 880-132217/2-A

Matrix: Solid

Analysis Batch: 132168

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 132217

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09067		mg/Kg		91	70 - 130	8	35
Toluene	0.100	0.08217		mg/Kg		82	70 - 130	9	35
Ethylbenzene	0.100	0.08927		mg/Kg		89	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1742		mg/Kg		87	70 - 130	7	35
o-Xylene	0.100	0.08258		mg/Kg		83	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: 880-68242-A-1-F MS

Matrix: Solid

Analysis Batch: 132168

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 132217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00266		0.100	0.08139		mg/Kg		79	70 - 130
Toluene	0.0187	F1	0.100	0.07342	F1	mg/Kg		55	70 - 130
Ethylbenzene	0.0127	F1	0.100	0.08029	F1	mg/Kg		68	70 - 130
m-Xylene & p-Xylene	0.190		0.200	0.3907		mg/Kg		100	70 - 130
o-Xylene	0.112		0.100	0.2099		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	213	S1+	70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-68242-A-1-G MSD

Matrix: Solid

Analysis Batch: 132168

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 132217

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.00266		0.100	0.08193		mg/Kg		79	70 - 130	1	35
Toluene	0.0187	F1	0.100	0.08366	F1	mg/Kg		65	70 - 130	13	35
Ethylbenzene	0.0127	F1	0.100	0.07237	F1	mg/Kg		60	70 - 130	10	35
m-Xylene & p-Xylene	0.190		0.200	0.3681		mg/Kg		89	70 - 130	6	35
o-Xylene	0.112		0.100	0.2331		mg/Kg		121	70 - 130	10	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68242-A-1-G MSD

Matrix: Solid

Analysis Batch: 132168

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 132217

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	275	S1+	70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

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

Lab Sample ID: MB 880-131774/1-A

Matrix: Solid

Analysis Batch: 132062

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131774

	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		02/13/26 14:13	02/17/26 23:06	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:13	02/17/26 23:06	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:13	02/17/26 23:06	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane (Surr)	138	S1+	70 - 130				02/13/26 14:13	02/17/26 23:06	1	
o-Terphenyl (Surr)	152	S1+	70 - 130				02/13/26 14:13	02/17/26 23:06	1	

Lab Sample ID: LCS 880-131774/2-A

Matrix: Solid

Analysis Batch: 132062

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 131774

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	1217		mg/Kg		122	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	1123		mg/Kg		112	70 - 130			
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	124		70 - 130							
o-Terphenyl (Surr)	140	S1+	70 - 130							

Lab Sample ID: LCSD 880-131774/3-A

Matrix: Solid

Analysis Batch: 132062

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 131774

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	1256		mg/Kg		126	70 - 130	3	20	
Diesel Range Organics (Over C10-C28)	1000	1191		mg/Kg		119	70 - 130	6	20	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	138	S1+	70 - 130							
o-Terphenyl (Surr)	151	S1+	70 - 130							

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68244-A-3-C MS

Matrix: Solid

Analysis Batch: 132062

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 131774

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	1132		mg/Kg		113	70 - 130
Diesel Range Organics (Over C10-C28)	235		1000	1133		mg/Kg		90	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	156	S1+	70 - 130						
o-Terphenyl (Surr)	145	S1+	70 - 130						

Lab Sample ID: 880-68244-A-3-D MSD

Matrix: Solid

Analysis Batch: 132062

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 131774

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	1145		mg/Kg		115	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	235		1000	1187		mg/Kg		95	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	156	S1+	70 - 130								
o-Terphenyl (Surr)	145	S1+	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131762/1-A

Matrix: Solid

Analysis Batch: 131870

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/16/26 10:33	1

Lab Sample ID: LCS 880-131762/2-A

Matrix: Solid

Analysis Batch: 131870

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.0		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-131762/3-A

Matrix: Solid

Analysis Batch: 131870

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	239.2		mg/Kg		96	90 - 110	1	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-68243-A-22-B MS							Client Sample ID: Matrix Spike				
Matrix: Solid							Prep Type: Soluble				
Analysis Batch: 131870											
	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	360	F1	249	581.6	F1	mg/Kg		89	90 - 110		

Lab Sample ID: 880-68243-A-22-C MSD							Client Sample ID: Matrix Spike Duplicate				
Matrix: Solid							Prep Type: Soluble				
Analysis Batch: 131870											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	360	F1	249	576.6	F1	mg/Kg		87	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 132167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-1	H-1 (0-0.5')	Total/NA	Solid	8021B	132215
880-68245-2	H-2 (0-0.5')	Total/NA	Solid	8021B	132215
880-68245-3	H-3 (0-0.5')	Total/NA	Solid	8021B	132215
MB 880-132215/5-A	Method Blank	Total/NA	Solid	8021B	132215
LCS 880-132215/1-A	Lab Control Sample	Total/NA	Solid	8021B	132215
LCSD 880-132215/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132215
880-68244-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	132215
880-68244-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132215

Analysis Batch: 132168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-4	H-4 (0-0.5')	Total/NA	Solid	8021B	132217
MB 880-132217/5-A	Method Blank	Total/NA	Solid	8021B	132217
LCS 880-132217/1-A	Lab Control Sample	Total/NA	Solid	8021B	132217
LCSD 880-132217/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132217
880-68242-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	132217
880-68242-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132217

Prep Batch: 132215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-68245-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-68245-3	H-3 (0-0.5')	Total/NA	Solid	5035	
MB 880-132215/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132215/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132215/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68244-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-68244-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 132217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-132217/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132217/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132217/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68242-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
880-68242-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 132287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68245-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68245-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68245-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68245-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 131774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68245-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-131774/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131774/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131774/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68244-A-3-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68244-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 132062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	131774
880-68245-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	131774
880-68245-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	131774
880-68245-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	131774
MB 880-131774/1-A	Method Blank	Total/NA	Solid	8015B NM	131774
LCS 880-131774/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131774
LCSD 880-131774/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131774
880-68244-A-3-C MS	Matrix Spike	Total/NA	Solid	8015B NM	131774
880-68244-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131774

Analysis Batch: 132207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-68245-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-68245-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-68245-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-68245-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-68245-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-68245-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-131762/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131762/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131762/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68243-A-22-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68243-A-22-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 131870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-1	H-1 (0-0.5')	Soluble	Solid	300.0	131762
880-68245-2	H-2 (0-0.5')	Soluble	Solid	300.0	131762
880-68245-3	H-3 (0-0.5')	Soluble	Solid	300.0	131762
880-68245-4	H-4 (0-0.5')	Soluble	Solid	300.0	131762
MB 880-131762/1-A	Method Blank	Soluble	Solid	300.0	131762
LCS 880-131762/2-A	Lab Control Sample	Soluble	Solid	300.0	131762
LCSD 880-131762/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131762
880-68243-A-22-B MS	Matrix Spike	Soluble	Solid	300.0	131762

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QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 131870 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-A-22-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	131762

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Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68245-1

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 15:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132287	02/18/26 15:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			132207	02/18/26 02:07	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131774	02/13/26 14:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/18/26 02:07	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 14:08	CS	EET MID

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

Lab Sample ID: 880-68245-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 17:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132287	02/18/26 17:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			132207	02/18/26 02:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131774	02/13/26 14:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/18/26 02:22	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 14:14	CS	EET MID

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

Lab Sample ID: 880-68245-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 17:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132287	02/18/26 17:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			132207	02/18/26 02:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131774	02/13/26 14:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/18/26 02:37	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 14:21	CS	EET MID

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

Lab Sample ID: 880-68245-4

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep 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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 16:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132287	02/18/26 16:53	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

Client Sample ID: H-4 (0-0.5')
Date Collected: 02/13/26 00:00
Date Received: 02/13/26 11:36

Lab Sample ID: 880-68245-4
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			132207	02/18/26 02:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131774	02/13/26 14:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/18/26 02:52	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 14:28	CS	EET MID

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
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: Lea Fed East BT20021

Job ID: 880-68245-1
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: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68245-1	H-1 (0-0.5')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68245-2	H-2 (0-0.5')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68245-3	H-3 (0-0.5')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68245-4	H-4 (0-0.5')	Solid	02/13/26 00:00	02/13/26 11:36	Texas

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Chain of Custody

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Camrona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marlenfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: UST/ST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐ State of Project: Reporting: Level II ☐ Level III ☐ ST/UST ☐ RC ☐ Level IV ☐ Deliverables: EDD ☐ ADAPT ☐ Other: _____	

[illegible]

Comments:

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

2.13.26 11:34

2-13-26 1:30

Page 1 of 1

880-68245 Chain of Custody

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68245-1

SDG Number: Lea County New Mexico

Login Number: 68245

List Number: 1

Creator: Juarez, Leticia

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/10/2026 3:38:55 PM

JOB DESCRIPTION

LEA FED EAST BT 20021
Lea County New Mexico

JOB NUMBER

890-10060-1

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



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6/10/2026 3:38:55 PM

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

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Laboratory Job ID: 890-10060-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
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
*1	LCS/LCSD RPD exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
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: LEA FED EAST BT 20021

Job ID: 890-10060-1

Job ID: 890-10060-1

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Job Narrative
890-10060-1

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 6/9/2026 2:34 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 2.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS - 1 (5.5') (890-10060-1), CS - 2 (5.5') (890-10060-2), CS - 3 (5.5') (890-10060-3), CS - 4 (5.5') (890-10060-4), CS - 5 (5.5') (890-10060-5), CS - 6 (5.5') (890-10060-6), CS - 7 (5.5') (890-10060-7), CS - 8 (5.5') (890-10060-8), CS - 9 (5.5') (890-10060-9), CS - 10 (1.5') (890-10060-10), CS - 11 (1.5') (890-10060-11), CS - 12 (1.5') (890-10060-12), CS - 13 (1.5') (890-10060-13), CS - 14 (1.5') (890-10060-14), CS - 15 (1.5') (890-10060-15), CS - 16 (1.5') (890-10060-16), CS - 17 (1.5') (890-10060-17), CS - 18 (1.5') (890-10060-18), CS - 19 (1.5') (890-10060-19), CS - 20 (4.5') (890-10060-20) and CS - 21 (4.5') (890-10060-21).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS - 1 (5.5') (890-10060-1), CS - 2 (5.5') (890-10060-2), CS - 3 (5.5') (890-10060-3), CS - 4 (5.5') (890-10060-4), CS - 5 (5.5') (890-10060-5), CS - 8 (5.5') (890-10060-8) and CS - 9 (5.5') (890-10060-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-143103 and analytical batch 880-143068 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-143103 and analytical batch 880-143068 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: Surrogate recovery for the following sample was outside control limits: (MB 880-143028/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS - 15 (1.5') (890-10060-15), CS - 17 (1.5') (890-10060-17), (890-10060-A-13-C MS) and (890-10060-A-13-D 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 - 13 (1.5') (890-10060-13), CS - 14 (1.5') (890-10060-14), CS - 19 (1.5') (890-10060-19), CS - 21 (4.5') (890-10060-21) and (MB 880-143029/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-143028 and analytical batch 880-143085 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

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Case Narrative

Client: Carmona Resources
Project: LEA FED EAST BT 20021

Job ID: 890-10060-1

Job ID: 890-10060-1 (Continued)**Eurofins Carlsbad**

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS - 16 (1.5') (890-10060-16) and CS - 18 (1.5') (890-10060-18). 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 laboratory control sample (LCS) associated with preparation batch 880-143041 and analytical batch 880-143065 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 1 (5.5')

Lab Sample ID: 890-10060-1

Date Collected: 06/09/26 11:04

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:29	06/10/26 12:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:29	06/10/26 12:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:29	06/10/26 12:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/10/26 10:29	06/10/26 12:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:29	06/10/26 12:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/10/26 10:29	06/10/26 12:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	63	S1-	70 - 130	06/10/26 10:29	06/10/26 12:10	1
1,4-Difluorobenzene (Surr)	74		70 - 130	06/10/26 10:29	06/10/26 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/10/26 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	199		50.0		mg/Kg			06/10/26 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		06/09/26 16:00	06/10/26 11:21	1
Diesel Range Organics (Over C10-C28)	199		50.0		mg/Kg		06/09/26 16:00	06/10/26 11:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 11:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130	06/09/26 16:00	06/10/26 11:21	1
o-Terphenyl (Surr)	107		70 - 130	06/09/26 16:00	06/10/26 11:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	178	*-	10.1		mg/Kg			06/10/26 08:48	1

Client Sample ID: CS - 2 (5.5')

Lab Sample ID: 890-10060-2

Date Collected: 06/09/26 11:08

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:29	06/10/26 12:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:29	06/10/26 12:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:29	06/10/26 12:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/10/26 10:29	06/10/26 12:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:29	06/10/26 12:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/10/26 10:29	06/10/26 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	06/10/26 10:29	06/10/26 12:30	1
1,4-Difluorobenzene (Surr)	74		70 - 130	06/10/26 10:29	06/10/26 12:30	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 2 (5.5')

Lab Sample ID: 890-10060-2

Date Collected: 06/09/26 11:08

Matrix: Solid

Date Received: 06/09/26 14:34

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/10/26 12:30	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			06/10/26 12:08	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	<50.1	U *1	50.1		mg/Kg		06/09/26 16:00	06/10/26 12:08	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/09/26 16:00	06/10/26 12:08	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/09/26 16:00	06/10/26 12:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130				06/09/26 16:00	06/10/26 12:08	1
o-Terphenyl (Surr)	94		70 - 130				06/09/26 16:00	06/10/26 12:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110	*-	10.1		mg/Kg			06/10/26 09:02	1

Client Sample ID: CS - 3 (5.5')

Lab Sample ID: 890-10060-3

Date Collected: 06/09/26 11:12

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:29	06/10/26 12:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:29	06/10/26 12:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:29	06/10/26 12:51	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/10/26 10:29	06/10/26 12:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:29	06/10/26 12:51	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/10/26 10:29	06/10/26 12:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	62	S1-	70 - 130				06/10/26 10:29	06/10/26 12:51	1
1,4-Difluorobenzene (Surr)	71		70 - 130				06/10/26 10:29	06/10/26 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/10/26 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	522		50.1		mg/Kg			06/10/26 12:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U *1	50.1		mg/Kg		06/09/26 16:00	06/10/26 12:24	1
Diesel Range Organics (Over C10-C28)	359		50.1		mg/Kg		06/09/26 16:00	06/10/26 12:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 3 (5.5')

Lab Sample ID: 890-10060-3

Date Collected: 06/09/26 11:12

Matrix: Solid

Date Received: 06/09/26 14:34

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)	163		50.1		mg/Kg		06/09/26 16:00	06/10/26 12:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				06/09/26 16:00	06/10/26 12:24	1
o-Terphenyl (Surr)	98		70 - 130				06/09/26 16:00	06/10/26 12:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.2	*-	10.0		mg/Kg			06/10/26 09:07	1

Client Sample ID: CS - 4 (5.5')

Lab Sample ID: 890-10060-4

Date Collected: 06/09/26 11:16

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:29	06/10/26 13:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:29	06/10/26 13:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:29	06/10/26 13:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/10/26 10:29	06/10/26 13:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:29	06/10/26 13:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/10/26 10:29	06/10/26 13:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130				06/10/26 10:29	06/10/26 13:11	1
1,4-Difluorobenzene (Surr)	80		70 - 130				06/10/26 10:29	06/10/26 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/10/26 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	<50.2	U	50.2		mg/Kg			06/10/26 12:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U *1	50.2		mg/Kg		06/09/26 16:00	06/10/26 12:40	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		06/09/26 16:00	06/10/26 12:40	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		06/09/26 16:00	06/10/26 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130				06/09/26 16:00	06/10/26 12:40	1
o-Terphenyl (Surr)	97		70 - 130				06/09/26 16:00	06/10/26 12:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	398	*-	10.0		mg/Kg			06/10/26 09:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 5 (5.5')

Lab Sample ID: 890-10060-5

Date Collected: 06/09/26 11:20

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:29	06/10/26 13:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:29	06/10/26 13:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:29	06/10/26 13:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/26 10:29	06/10/26 13:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:29	06/10/26 13:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/26 10:29	06/10/26 13:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	61	S1-	70 - 130	06/10/26 10:29	06/10/26 13:32	1
1,4-Difluorobenzene (Surr)	73		70 - 130	06/10/26 10:29	06/10/26 13:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/10/26 13:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	262		50.1		mg/Kg			06/10/26 12:56	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	<50.1	U *1	50.1		mg/Kg		06/09/26 16:00	06/10/26 12:56	1
Diesel Range Organics (Over C10-C28)	262		50.1		mg/Kg		06/09/26 16:00	06/10/26 12:56	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/09/26 16:00	06/10/26 12:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130	06/09/26 16:00	06/10/26 12:56	1
o-Terphenyl (Surr)	98		70 - 130	06/09/26 16:00	06/10/26 12:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	164	*-	10.0		mg/Kg			06/10/26 09:17	1

Client Sample ID: CS - 6 (5.5')

Lab Sample ID: 890-10060-6

Date Collected: 06/09/26 11:24

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:29	06/10/26 13:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:29	06/10/26 13:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:29	06/10/26 13:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/10/26 10:29	06/10/26 13:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:29	06/10/26 13:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/10/26 10:29	06/10/26 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	06/10/26 10:29	06/10/26 13:52	1
1,4-Difluorobenzene (Surr)	85		70 - 130	06/10/26 10:29	06/10/26 13:52	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 6 (5.5')

Lab Sample ID: 890-10060-6

Date Collected: 06/09/26 11:24

Matrix: Solid

Date Received: 06/09/26 14:34

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/10/26 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	<50.0	U	50.0		mg/Kg			06/10/26 13:12	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 *1	50.0		mg/Kg		06/09/26 16:00	06/10/26 13:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 13:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				06/09/26 16:00	06/10/26 13:12	1
o-Terphenyl (Surr)	96		70 - 130				06/09/26 16:00	06/10/26 13:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118	*-	9.98		mg/Kg			06/10/26 09:32	1

Client Sample ID: CS - 7 (5.5')

Lab Sample ID: 890-10060-7

Date Collected: 06/09/26 11:28

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:29	06/10/26 14:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:29	06/10/26 14:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:29	06/10/26 14:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/10/26 10:29	06/10/26 14:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:29	06/10/26 14:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/10/26 10:29	06/10/26 14:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130				06/10/26 10:29	06/10/26 14:13	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/10/26 10:29	06/10/26 14:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/10/26 14:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	274		50.0		mg/Kg			06/10/26 13:28	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	<50.0	U *1	50.0		mg/Kg		06/09/26 16:00	06/10/26 13:28	1
Diesel Range Organics (Over C10-C28)	274		50.0		mg/Kg		06/09/26 16:00	06/10/26 13:28	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 7 (5.5')

Lab Sample ID: 890-10060-7

Date Collected: 06/09/26 11:28

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 13:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				06/09/26 16:00	06/10/26 13:28	1
o-Terphenyl (Surr)	92		70 - 130				06/09/26 16:00	06/10/26 13:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.5	*-	9.98		mg/Kg			06/10/26 09:37	1

Client Sample ID: CS - 8 (5.5')

Lab Sample ID: 890-10060-8

Date Collected: 06/09/26 11:32

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:29	06/10/26 14:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:29	06/10/26 14:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:29	06/10/26 14:33	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/10/26 10:29	06/10/26 14:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:29	06/10/26 14:33	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/10/26 10:29	06/10/26 14:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	58	S1-	70 - 130				06/10/26 10:29	06/10/26 14:33	1
1,4-Difluorobenzene (Surr)	73		70 - 130				06/10/26 10:29	06/10/26 14:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/10/26 14:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	425		49.9		mg/Kg			06/10/26 13:44	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 *1	49.9		mg/Kg		06/09/26 16:00	06/10/26 13:44	1
Diesel Range Organics (Over C10-C28)	345		49.9		mg/Kg		06/09/26 16:00	06/10/26 13:44	1
Oil Range Organics (Over C28-C36)	80.0		49.9		mg/Kg		06/09/26 16:00	06/10/26 13:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				06/09/26 16:00	06/10/26 13:44	1
o-Terphenyl (Surr)	92		70 - 130				06/09/26 16:00	06/10/26 13:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.1	*-	9.98		mg/Kg			06/10/26 09:42	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 9 (5.5')

Lab Sample ID: 890-10060-9

Date Collected: 06/09/26 11:36

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:29	06/10/26 14:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:29	06/10/26 14:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:29	06/10/26 14:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/10/26 10:29	06/10/26 14:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:29	06/10/26 14:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/10/26 10:29	06/10/26 14:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130	06/10/26 10:29	06/10/26 14:54	1
1,4-Difluorobenzene (Surr)	78		70 - 130	06/10/26 10:29	06/10/26 14:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/10/26 14:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/10/26 14:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *1	49.7		mg/Kg		06/09/26 16:00	06/10/26 14:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/09/26 16:00	06/10/26 14:00	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/09/26 16:00	06/10/26 14:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130	06/09/26 16:00	06/10/26 14:00	1
o-Terphenyl (Surr)	109		70 - 130	06/09/26 16:00	06/10/26 14:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	329	*-	10.0		mg/Kg			06/10/26 09:47	1

Client Sample ID: CS - 10 (1.5')

Lab Sample ID: 890-10060-10

Date Collected: 06/09/26 11:44

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:29	06/10/26 15:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:29	06/10/26 15:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:29	06/10/26 15:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/10/26 10:29	06/10/26 15:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:29	06/10/26 15:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/10/26 10:29	06/10/26 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130	06/10/26 10:29	06/10/26 15:14	1
1,4-Difluorobenzene (Surr)	78		70 - 130	06/10/26 10:29	06/10/26 15:14	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 10 (1.5')

Lab Sample ID: 890-10060-10

Date Collected: 06/09/26 11:44

Matrix: Solid

Date Received: 06/09/26 14:34

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/10/26 15:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	242		49.9		mg/Kg			06/10/26 14:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		06/09/26 16:00	06/10/26 14:16	1
Diesel Range Organics (Over C10-C28)	242		49.9		mg/Kg		06/09/26 16:00	06/10/26 14:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/26 16:00	06/10/26 14:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				06/09/26 16:00	06/10/26 14:16	1
o-Terphenyl (Surr)	109		70 - 130				06/09/26 16:00	06/10/26 14:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155	*-	10.1		mg/Kg			06/10/26 09:52	1

Client Sample ID: CS - 11 (1.5')

Lab Sample ID: 890-10060-11

Date Collected: 06/09/26 11:48

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:32	06/10/26 12:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:32	06/10/26 12:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:32	06/10/26 12:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/10/26 10:32	06/10/26 12:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:32	06/10/26 12:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/10/26 10:32	06/10/26 12:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/10/26 10:32	06/10/26 12:52	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/10/26 10:32	06/10/26 12:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/10/26 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/10/26 14:48	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 *1	50.0		mg/Kg		06/09/26 16:00	06/10/26 14:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 14:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 11 (1.5')

Lab Sample ID: 890-10060-11

Date Collected: 06/09/26 11:48

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 14:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				06/09/26 16:00	06/10/26 14:48	1
o-Terphenyl (Surr)	97		70 - 130				06/09/26 16:00	06/10/26 14:48	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			06/10/26 09:57	1

Client Sample ID: CS - 12 (1.5')

Lab Sample ID: 890-10060-12

Date Collected: 06/09/26 11:52

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:32	06/10/26 13:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:32	06/10/26 13:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:32	06/10/26 13:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/10/26 10:32	06/10/26 13:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:32	06/10/26 13:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/10/26 10:32	06/10/26 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				06/10/26 10:32	06/10/26 13:12	1
1,4-Difluorobenzene (Surr)	85		70 - 130				06/10/26 10:32	06/10/26 13:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/10/26 13:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/10/26 15:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		06/09/26 16:00	06/10/26 15:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/09/26 16:00	06/10/26 15:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/09/26 16:00	06/10/26 15:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130				06/09/26 16:00	06/10/26 15:04	1
o-Terphenyl (Surr)	87		70 - 130				06/09/26 16:00	06/10/26 15:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.5	*-	9.94		mg/Kg			06/10/26 10:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 13 (1.5')

Lab Sample ID: 890-10060-13

Date Collected: 06/09/26 11:56

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:32	06/10/26 13:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:32	06/10/26 13:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:32	06/10/26 13:33	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/10/26 10:32	06/10/26 13:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:32	06/10/26 13:33	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/10/26 10:32	06/10/26 13:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/10/26 10:32	06/10/26 13:33	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/10/26 10:32	06/10/26 13:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/10/26 13:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	305		50.1		mg/Kg			06/10/26 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/09/26 16:04	06/10/26 11:21	1
Diesel Range Organics (Over C10-C28)	250		50.1		mg/Kg		06/09/26 16:04	06/10/26 11:21	1
Oil Range Organics (Over C28-C36)	55.3		50.1		mg/Kg		06/09/26 16:04	06/10/26 11:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	138	S1+	70 - 130	06/09/26 16:04	06/10/26 11:21	1
o-Terphenyl (Surr)	136	S1+	70 - 130	06/09/26 16:04	06/10/26 11:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.4	*-	9.96		mg/Kg			06/10/26 10:17	1

Client Sample ID: CS - 14 (1.5')

Lab Sample ID: 890-10060-14

Date Collected: 06/09/26 12:00

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:32	06/10/26 13:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:32	06/10/26 13:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:32	06/10/26 13:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/10/26 10:32	06/10/26 13:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:32	06/10/26 13:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/10/26 10:32	06/10/26 13:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/10/26 10:32	06/10/26 13:54	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/10/26 10:32	06/10/26 13:54	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 14 (1.5')

Lab Sample ID: 890-10060-14

Date Collected: 06/09/26 12:00

Matrix: Solid

Date Received: 06/09/26 14:34

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/10/26 13:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/10/26 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/09/26 16:04	06/10/26 12:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/09/26 16:04	06/10/26 12:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/09/26 16:04	06/10/26 12:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	136	S1+	70 - 130				06/09/26 16:04	06/10/26 12:08	1
o-Terphenyl (Surr)	137	S1+	70 - 130				06/09/26 16:04	06/10/26 12:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.6	*-	10.0		mg/Kg			06/10/26 10:32	1

Client Sample ID: CS - 15 (1.5')

Lab Sample ID: 890-10060-15

Date Collected: 06/09/26 12:04

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:32	06/10/26 14:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:32	06/10/26 14:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:32	06/10/26 14:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/26 10:32	06/10/26 14:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:32	06/10/26 14:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/26 10:32	06/10/26 14:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/10/26 10:32	06/10/26 14:14	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/10/26 10:32	06/10/26 14:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/10/26 14:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2510		50.0		mg/Kg			06/10/26 12:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/26 16:04	06/10/26 12:24	1
Diesel Range Organics (Over C10-C28)	2220		50.0		mg/Kg		06/09/26 16:04	06/10/26 12:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 15 (1.5')

Lab Sample ID: 890-10060-15

Date Collected: 06/09/26 12:04

Matrix: Solid

Date Received: 06/09/26 14:34

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)	292		50.0		mg/Kg		06/09/26 16:04	06/10/26 12:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	151	S1+	70 - 130				06/09/26 16:04	06/10/26 12:24	1
o-Terphenyl (Surr)	146	S1+	70 - 130				06/09/26 16:04	06/10/26 12:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	328	*-	9.98		mg/Kg			06/10/26 10:37	1

Client Sample ID: CS - 16 (1.5')

Lab Sample ID: 890-10060-16

Date Collected: 06/09/26 12:08

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:32	06/10/26 14:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:32	06/10/26 14:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:32	06/10/26 14:35	1
m-Xylene & p-Xylene	0.00637		0.00399		mg/Kg		06/10/26 10:32	06/10/26 14:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:32	06/10/26 14:35	1
Xylenes, Total	0.00637		0.00399		mg/Kg		06/10/26 10:32	06/10/26 14:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				06/10/26 10:32	06/10/26 14:35	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/10/26 10:32	06/10/26 14:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00637		0.00399		mg/Kg			06/10/26 14:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/10/26 12:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/09/26 16:04	06/10/26 12:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/26 16:04	06/10/26 12:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/26 16:04	06/10/26 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	142	S1+	70 - 130				06/09/26 16:04	06/10/26 12:40	1
o-Terphenyl (Surr)	144	S1+	70 - 130				06/09/26 16:04	06/10/26 12:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.0	*-	9.96		mg/Kg			06/10/26 10:42	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 17 (1.5')

Lab Sample ID: 890-10060-17

Date Collected: 06/09/26 12:12

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:32	06/10/26 14:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:32	06/10/26 14:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:32	06/10/26 14:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/10/26 10:32	06/10/26 14:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:32	06/10/26 14:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/10/26 10:32	06/10/26 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/10/26 10:32	06/10/26 14:56	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/10/26 10:32	06/10/26 14:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/10/26 14:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3650		49.9		mg/Kg			06/10/26 12:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/09/26 16:04	06/10/26 12:56	1
Diesel Range Organics (Over C10-C28)	2840		49.9		mg/Kg		06/09/26 16:04	06/10/26 12:56	1
Oil Range Organics (Over C28-C36)	806		49.9		mg/Kg		06/09/26 16:04	06/10/26 12:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	266	S1+	70 - 130	06/09/26 16:04	06/10/26 12:56	1
o-Terphenyl (Surr)	253	S1+	70 - 130	06/09/26 16:04	06/10/26 12:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.2	*-	10.0		mg/Kg			06/10/26 10:47	1

Client Sample ID: CS - 18 (1.5')

Lab Sample ID: 890-10060-18

Date Collected: 06/09/26 12:16

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:32	06/10/26 15:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:32	06/10/26 15:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:32	06/10/26 15:16	1
m-Xylene & p-Xylene	0.00538		0.00404		mg/Kg		06/10/26 10:32	06/10/26 15:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:32	06/10/26 15:16	1
Xylenes, Total	0.00538		0.00404		mg/Kg		06/10/26 10:32	06/10/26 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/10/26 10:32	06/10/26 15:16	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/10/26 10:32	06/10/26 15:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 18 (1.5')

Lab Sample ID: 890-10060-18

Date Collected: 06/09/26 12:16

Matrix: Solid

Date Received: 06/09/26 14:34

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00538		0.00404		mg/Kg			06/10/26 15:16	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			06/10/26 13:12	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		06/09/26 16:04	06/10/26 13:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/26 16:04	06/10/26 13:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/26 16:04	06/10/26 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	318	S1+	70 - 130				06/09/26 16:04	06/10/26 13:12	1
o-Terphenyl (Surr)	293	S1+	70 - 130				06/09/26 16:04	06/10/26 13:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134	*-	10.0		mg/Kg			06/10/26 10:52	1

Client Sample ID: CS - 19 (1.5')

Lab Sample ID: 890-10060-19

Date Collected: 06/09/26 12:20

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:32	06/10/26 15:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:32	06/10/26 15:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:32	06/10/26 15:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/10/26 10:32	06/10/26 15:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:32	06/10/26 15:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/10/26 10:32	06/10/26 15:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				06/10/26 10:32	06/10/26 15:37	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/10/26 10:32	06/10/26 15:37	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			06/10/26 15:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/10/26 13:28	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	<50.0	U	50.0		mg/Kg		06/09/26 16:04	06/10/26 13:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/26 16:04	06/10/26 13:28	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 19 (1.5')

Lab Sample ID: 890-10060-19

Date Collected: 06/09/26 12:20

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/26 16:04	06/10/26 13:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	431	S1+	70 - 130				06/09/26 16:04	06/10/26 13:28	1
o-Terphenyl (Surr)	421	S1+	70 - 130				06/09/26 16:04	06/10/26 13:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	418	*-	10.1		mg/Kg			06/10/26 10:57	1

Client Sample ID: CS - 20 (4.5')

Lab Sample ID: 890-10060-20

Date Collected: 06/09/26 12:28

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:32	06/10/26 15:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:32	06/10/26 15:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:32	06/10/26 15:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/10/26 10:32	06/10/26 15:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:32	06/10/26 15:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/10/26 10:32	06/10/26 15:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				06/10/26 10:32	06/10/26 15:58	1
1,4-Difluorobenzene (Surr)	85		70 - 130				06/10/26 10:32	06/10/26 15:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/10/26 15:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/10/26 13:44	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		06/09/26 16:04	06/10/26 13:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/26 16:04	06/10/26 13:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/26 16:04	06/10/26 13:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130				06/09/26 16:04	06/10/26 13:44	1
o-Terphenyl (Surr)	124		70 - 130				06/09/26 16:04	06/10/26 13:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.8	*-	10.1		mg/Kg			06/10/26 11:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 21 (4.5')

Lab Sample ID: 890-10060-21

Date Collected: 06/09/26 12:32

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:30	06/10/26 15:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:30	06/10/26 15:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:30	06/10/26 15:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/10/26 10:30	06/10/26 15:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:30	06/10/26 15:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/10/26 10:30	06/10/26 15:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/10/26 10:30	06/10/26 15:34	1
1,4-Difluorobenzene (Surr)	84		70 - 130	06/10/26 10:30	06/10/26 15:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/10/26 15:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/10/26 14:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/09/26 16:04	06/10/26 14:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/09/26 16:04	06/10/26 14:00	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/09/26 16:04	06/10/26 14:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	146	S1+	70 - 130	06/09/26 16:04	06/10/26 14:00	1
o-Terphenyl (Surr)	142	S1+	70 - 130	06/09/26 16:04	06/10/26 14:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		9.92		mg/Kg			06/10/26 11:39	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
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)
890-10060-1	CS - 1 (5.5')	63 S1-	74
890-10060-1 MS	CS - 1 (5.5')	94	100
890-10060-1 MSD	CS - 1 (5.5')	98	102
890-10060-2	CS - 2 (5.5')	67 S1-	74
890-10060-3	CS - 3 (5.5')	62 S1-	71
890-10060-4	CS - 4 (5.5')	67 S1-	80
890-10060-5	CS - 5 (5.5')	61 S1-	73
890-10060-6	CS - 6 (5.5')	85	85
890-10060-7	CS - 7 (5.5')	78	91
890-10060-8	CS - 8 (5.5')	58 S1-	73
890-10060-9	CS - 9 (5.5')	70	78
890-10060-10	CS - 10 (1.5')	73	78
890-10060-11	CS - 11 (1.5')	106	89
890-10060-11 MS	CS - 11 (1.5')	106	100
890-10060-11 MSD	CS - 11 (1.5')	102	101
890-10060-12	CS - 12 (1.5')	87	85
890-10060-13	CS - 13 (1.5')	114	93
890-10060-14	CS - 14 (1.5')	110	95
890-10060-15	CS - 15 (1.5')	112	91
890-10060-16	CS - 16 (1.5')	113	96
890-10060-17	CS - 17 (1.5')	104	92
890-10060-18	CS - 18 (1.5')	115	97
890-10060-19	CS - 19 (1.5')	114	97
890-10060-20	CS - 20 (4.5')	95	85
890-10060-21	CS - 21 (4.5')	109	84
890-10061-A-1-C MS	Matrix Spike	91	89
890-10061-A-1-D MSD	Matrix Spike Duplicate	91	92
LCS 880-143102/1-A	Lab Control Sample	96	101
LCS 880-143103/1-A	Lab Control Sample	88	93
LCS 880-143104/1-A	Lab Control Sample	86	86
LCSD 880-143102/2-A	Lab Control Sample Dup	100	100
LCSD 880-143103/2-A	Lab Control Sample Dup	86	107
LCSD 880-143104/2-A	Lab Control Sample Dup	82	87
MB 880-143102/5-A	Method Blank	83	94
MB 880-143103/5-A	Method Blank	233 S1+	127
MB 880-143104/5-A	Method Blank	100	87

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)
890-10060-1	CS - 1 (5.5')	82	107
890-10060-1 MS	CS - 1 (5.5')	84	99
890-10060-1 MSD	CS - 1 (5.5')	94	108

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Surrogate Summary

Client: Carmona Resources
 Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
 SDG: Lea County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-10060-2	CS - 2 (5.5')	81	94
890-10060-3	CS - 3 (5.5')	91	98
890-10060-4	CS - 4 (5.5')	86	97
890-10060-5	CS - 5 (5.5')	90	98
890-10060-6	CS - 6 (5.5')	92	96
890-10060-7	CS - 7 (5.5')	89	92
890-10060-8	CS - 8 (5.5')	87	92
890-10060-9	CS - 9 (5.5')	97	109
890-10060-10	CS - 10 (1.5')	98	109
890-10060-11	CS - 11 (1.5')	91	97
890-10060-12	CS - 12 (1.5')	81	87
890-10060-13	CS - 13 (1.5')	138 S1+	136 S1+
890-10060-13 MS	CS - 13 (1.5')	141 S1+	141 S1+
890-10060-13 MSD	CS - 13 (1.5')	139 S1+	150 S1+
890-10060-14	CS - 14 (1.5')	136 S1+	137 S1+
890-10060-15	CS - 15 (1.5')	151 S1+	146 S1+
890-10060-16	CS - 16 (1.5')	142 S1+	144 S1+
890-10060-17	CS - 17 (1.5')	266 S1+	253 S1+
890-10060-18	CS - 18 (1.5')	318 S1+	293 S1+
890-10060-19	CS - 19 (1.5')	431 S1+	421 S1+
890-10060-20	CS - 20 (4.5')	119	124
890-10060-21	CS - 21 (4.5')	146 S1+	142 S1+
LCS 880-143028/2-A	Lab Control Sample	78	88
LCS 880-143029/2-A	Lab Control Sample	104	117
LCSD 880-143028/3-A	Lab Control Sample Dup	88	93
LCSD 880-143029/3-A	Lab Control Sample Dup	97	106
MB 880-143028/1-A	Method Blank	145 S1+	124
MB 880-143029/1-A	Method Blank	215 S1+	219 S1+

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-143102/5-A

Matrix: Solid

Analysis Batch: 143067

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 143102

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/26 08:00	06/10/26 11:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/26 08:00	06/10/26 11:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/26 08:00	06/10/26 11:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/26 08:00	06/10/26 11:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/26 08:00	06/10/26 11:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/26 08:00	06/10/26 11:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	06/10/26 08:00	06/10/26 11:48	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/10/26 08:00	06/10/26 11:48	1

Lab Sample ID: LCS 880-143102/1-A

Matrix: Solid

Analysis Batch: 143067

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143102

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08838		mg/Kg		88	70 - 130
Toluene	0.100	0.09257		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.08318		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	0.200	0.1798		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09193		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-143102/2-A

Matrix: Solid

Analysis Batch: 143067

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143102

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08945		mg/Kg		89	70 - 130	1	35
Toluene	0.100	0.09323		mg/Kg		93	70 - 130	1	35
Ethylbenzene	0.100	0.08467		mg/Kg		85	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1843		mg/Kg		92	70 - 130	3	35
o-Xylene	0.100	0.09424		mg/Kg		94	70 - 130	2	35

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

Lab Sample ID: 890-10060-1 MS

Matrix: Solid

Analysis Batch: 143067

Client Sample ID: CS - 1 (5.5')

Prep Type: Total/NA

Prep Batch: 143102

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08352		mg/Kg		84	70 - 130
Toluene	<0.00200	U	0.100	0.08570		mg/Kg		86	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-10060-1 MS

Matrix: Solid

Analysis Batch: 143067

Client Sample ID: CS - 1 (5.5')

Prep Type: Total/NA

Prep Batch: 143102

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07911		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1697		mg/Kg		85	70 - 130
o-Xylene	<0.00200	U	0.100	0.08561		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-10060-1 MSD

Matrix: Solid

Analysis Batch: 143067

Client Sample ID: CS - 1 (5.5')

Prep Type: Total/NA

Prep Batch: 143102

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	0.08172		mg/Kg		82	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.08378		mg/Kg		84	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.07678		mg/Kg		77	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1645		mg/Kg		82	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.08351		mg/Kg		84	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-143103/5-A

Matrix: Solid

Analysis Batch: 143068

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 143103

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/26 08:00	06/10/26 11:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/26 08:00	06/10/26 11:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/26 08:00	06/10/26 11:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/26 08:00	06/10/26 11:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/26 08:00	06/10/26 11:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/26 08:00	06/10/26 11:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	233	S1+	70 - 130	06/10/26 08:00	06/10/26 11:59	1
1,4-Difluorobenzene (Surr)	127		70 - 130	06/10/26 08:00	06/10/26 11:59	1

Lab Sample ID: LCS 880-143103/1-A

Matrix: Solid

Analysis Batch: 143068

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1064		mg/Kg		106	70 - 130
Toluene	0.100	0.09986		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09621		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1631		mg/Kg		82	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-143103/1-A

Matrix: Solid

Analysis Batch: 143068

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09243		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-143103/2-A

Matrix: Solid

Analysis Batch: 143068

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143103

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1052		mg/Kg		105	70 - 130	1	35
Toluene	0.100	0.09275		mg/Kg		93	70 - 130	7	35
Ethylbenzene	0.100	0.09621		mg/Kg		96	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1598		mg/Kg		80	70 - 130	2	35
o-Xylene	0.100	0.09129		mg/Kg		91	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 890-10061-A-1-C MS

Matrix: Solid

Analysis Batch: 143068

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 143103

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09638		mg/Kg		96	70 - 130
Toluene	<0.00200	U	0.100	0.08700		mg/Kg		87	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08471		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1363	F1	mg/Kg		68	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.07572		mg/Kg		76	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 890-10061-A-1-D MSD

Matrix: Solid

Analysis Batch: 143068

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 143103

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.08890		mg/Kg		89	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.07797		mg/Kg		78	70 - 130	11	35
Ethylbenzene	<0.00200	U	0.100	0.07094		mg/Kg		71	70 - 130	18	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1213	F1	mg/Kg		61	70 - 130	12	35
o-Xylene	<0.00200	U F1	0.100	0.06797	F1	mg/Kg		68	70 - 130	11	35

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-10061-A-1-D MSD

Matrix: Solid

Analysis Batch: 143068

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 143103

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: MB 880-143104/5-A

Matrix: Solid

Analysis Batch: 143071

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 143104

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:32	06/10/26 12:30	1	
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:32	06/10/26 12:30	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:32	06/10/26 12:30	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/26 10:32	06/10/26 12:30	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:32	06/10/26 12:30	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/26 10:32	06/10/26 12:30	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				06/10/26 10:32	06/10/26 12:30	1	
1,4-Difluorobenzene (Surr)	87		70 - 130				06/10/26 10:32	06/10/26 12:30	1	

Lab Sample ID: LCS 880-143104/1-A

Matrix: Solid

Analysis Batch: 143071

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143104

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.08222		mg/Kg		82	70 - 130			
Toluene	0.100	0.07922		mg/Kg		79	70 - 130			
Ethylbenzene	0.100	0.08199		mg/Kg		82	70 - 130			
m-Xylene & p-Xylene	0.200	0.1447		mg/Kg		72	70 - 130			
o-Xylene	0.100	0.07187		mg/Kg		72	70 - 130			
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	86		70 - 130							
1,4-Difluorobenzene (Surr)	86		70 - 130							

Lab Sample ID: LCSD 880-143104/2-A

Matrix: Solid

Analysis Batch: 143071

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143104

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.09639		mg/Kg		96	70 - 130	16	35	
Toluene	0.100	0.09511		mg/Kg		95	70 - 130	18	35	
Ethylbenzene	0.100	0.09646		mg/Kg		96	70 - 130	16	35	
m-Xylene & p-Xylene	0.200	0.1683		mg/Kg		84	70 - 130	15	35	
o-Xylene	0.100	0.08722		mg/Kg		87	70 - 130	19	35	
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	82		70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-143104/2-A

Matrix: Solid

Analysis Batch: 143071

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143104

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 890-10060-11 MS

Matrix: Solid

Analysis Batch: 143071

Client Sample ID: CS - 11 (1.5')

Prep Type: Total/NA

Prep Batch: 143104

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00200	U	0.100	0.09875		mg/Kg		99	70 - 130
Toluene	<0.00200	U	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09184		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2282		mg/Kg		114	70 - 130
o-Xylene	<0.00200	U	0.100	0.1192		mg/Kg		119	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-10060-11 MSD

Matrix: Solid

Analysis Batch: 143071

Client Sample ID: CS - 11 (1.5')

Prep Type: Total/NA

Prep Batch: 143104

	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	0.09937		mg/Kg		99	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.09841		mg/Kg		98	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.08698		mg/Kg		87	70 - 130	5	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1695		mg/Kg		85	70 - 130	30	35
o-Xylene	<0.00200	U	0.100	0.08916		mg/Kg		89	70 - 130	29	35

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

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

Lab Sample ID: MB 880-143028/1-A

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 143028

	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		06/09/26 16:00	06/10/26 08:24		1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 08:24		1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 08:24		1

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane (Surr)	145	S1+	70 - 130	06/09/26 16:00	06/10/26 08:24		1			
o-Terphenyl (Surr)	124		70 - 130	06/09/26 16:00	06/10/26 08:24		1			

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-143028/2-A

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143028

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	760.2		mg/Kg		76	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	883.4		mg/Kg		88	70 - 130		

Lab Sample ID: LCSD 880-143028/3-A

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143028

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	935.5	*1	mg/Kg		94	70 - 130	21	20
Diesel Range Organics (Over C10-C28)			1000	957.8		mg/Kg		96	70 - 130	8	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	88		70 - 130								
o-Terphenyl (Surr)	93		70 - 130								

Lab Sample ID: 890-10060-1 MS

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: CS - 1 (5.5')

Prep Type: Total/NA

Prep Batch: 143028

	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 *1	1000	995.4		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)	199		1000	1107		mg/Kg		91	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane (Surr)	84		70 - 130								
o-Terphenyl (Surr)	99		70 - 130								

Lab Sample ID: 890-10060-1 MSD

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: CS - 1 (5.5')

Prep Type: Total/NA

Prep Batch: 143028

	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 *1	1000	1112		mg/Kg		109	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	199		1000	1227		mg/Kg		103	70 - 130	10	20
					</						

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-10060-1 MSD

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: CS - 1 (5.5')

Prep Type: Total/NA

Prep Batch: 143028

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	108		70 - 130

Lab Sample ID: MB 880-143029/1-A

Matrix: Solid

Analysis Batch: 143088

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 143029

	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		06/09/26 16:04	06/10/26 08:24	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/26 16:04	06/10/26 08:24	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/26 16:04	06/10/26 08:24	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	215	S1+	70 - 130				06/09/26 16:04	06/10/26 08:24	1	
<i>o</i> -Terphenyl (Surr)	219	S1+	70 - 130				06/09/26 16:04	06/10/26 08:24	1	

Lab Sample ID: LCS 880-143029/2-A

Matrix: Solid

Analysis Batch: 143088

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143029

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	1004		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1154		mg/Kg		115	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	104		70 - 130							
<i>o</i> -Terphenyl (Surr)	117		70 - 130							

Lab Sample ID: LCSD 880-143029/3-A

Matrix: Solid

Analysis Batch: 143088

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143029

		Spike	LCSD	LCSD				%Rec		RPD
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10		1000	954.9		mg/Kg		95	70 - 130	5	20
Diesel Range Organics (Over C10-C28)		1000	1040		mg/Kg		104	70 - 130	10	20
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	97		70 - 130							
<i>o</i> -Terphenyl (Surr)	106		70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-10060-13 MS

Matrix: Solid

Analysis Batch: 143088

Client Sample ID: CS - 13 (1.5')

Prep Type: Total/NA

Prep Batch: 143029

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	1000	1160		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	250		1000	1305		mg/Kg		106	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	141	S1+	70 - 130						
o-Terphenyl (Surr)	141	S1+	70 - 130						

Lab Sample ID: 890-10060-13 MSD

Matrix: Solid

Analysis Batch: 143088

Client Sample ID: CS - 13 (1.5')

Prep Type: Total/NA

Prep Batch: 143029

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	1000	1132		mg/Kg		111	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	250		1000	1368		mg/Kg		112	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	139	S1+	70 - 130								
o-Terphenyl (Surr)	150	S1+	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-143042/1-A

Matrix: Solid

Analysis Batch: 143064

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			06/10/26 11:26	1

Lab Sample ID: LCS 880-143042/2-A

Matrix: Solid

Analysis Batch: 143064

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	233.1		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-143042/3-A

Matrix: Solid

Analysis Batch: 143064

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	231.9		mg/Kg		93	90 - 110	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-10060-21 MS

Matrix: Solid

Analysis Batch: 143064

Client Sample ID: CS - 21 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	107		248	365.4		mg/Kg		104	90 - 110

Lab Sample ID: 890-10060-21 MSD

Matrix: Solid

Analysis Batch: 143064

Client Sample ID: CS - 21 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	107		248	364.7		mg/Kg		104	90 - 110	0	20

Lab Sample ID: MB 880-143041/1-A

Matrix: Solid

Analysis Batch: 143065

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			06/10/26 08:30	1

Lab Sample ID: LCS 880-143041/2-A

Matrix: Solid

Analysis Batch: 143065

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.9		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-143041/3-A

Matrix: Solid

Analysis Batch: 143065

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	222.7	*-	mg/Kg		89	90 - 110	12	20

Lab Sample ID: 890-10060-1 MS

Matrix: Solid

Analysis Batch: 143065

Client Sample ID: CS - 1 (5.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	178	*-	252	433.6		mg/Kg		101	90 - 110

Lab Sample ID: 890-10060-1 MSD

Matrix: Solid

Analysis Batch: 143065

Client Sample ID: CS - 1 (5.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	178	*-	252	433.6		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 890-10060-11 MS

Matrix: Solid

Analysis Batch: 143065

Client Sample ID: CS - 11 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	104	*-	252	374.1		mg/Kg		107	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-10060-11 MSD					Client Sample ID: CS - 11 (1.5')							
Matrix: Solid					Prep Type: Soluble							
Analysis Batch: 143065												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	104	*-	252	370.4		mg/Kg		106	90 - 110	1	20	

QC Association Summary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 143067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-1	CS - 1 (5.5')	Total/NA	Solid	8021B	143102
890-10060-2	CS - 2 (5.5')	Total/NA	Solid	8021B	143102
890-10060-3	CS - 3 (5.5')	Total/NA	Solid	8021B	143102
890-10060-4	CS - 4 (5.5')	Total/NA	Solid	8021B	143102
890-10060-5	CS - 5 (5.5')	Total/NA	Solid	8021B	143102
890-10060-6	CS - 6 (5.5')	Total/NA	Solid	8021B	143102
890-10060-7	CS - 7 (5.5')	Total/NA	Solid	8021B	143102
890-10060-8	CS - 8 (5.5')	Total/NA	Solid	8021B	143102
890-10060-9	CS - 9 (5.5')	Total/NA	Solid	8021B	143102
890-10060-10	CS - 10 (1.5')	Total/NA	Solid	8021B	143102
MB 880-143102/5-A	Method Blank	Total/NA	Solid	8021B	143102
LCS 880-143102/1-A	Lab Control Sample	Total/NA	Solid	8021B	143102
LCSD 880-143102/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	143102
890-10060-1 MS	CS - 1 (5.5')	Total/NA	Solid	8021B	143102
890-10060-1 MSD	CS - 1 (5.5')	Total/NA	Solid	8021B	143102

Analysis Batch: 143068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-21	CS - 21 (4.5')	Total/NA	Solid	8021B	143103
MB 880-143103/5-A	Method Blank	Total/NA	Solid	8021B	143103
LCS 880-143103/1-A	Lab Control Sample	Total/NA	Solid	8021B	143103
LCSD 880-143103/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	143103
890-10061-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	143103
890-10061-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	143103

Analysis Batch: 143071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-11	CS - 11 (1.5')	Total/NA	Solid	8021B	143104
890-10060-12	CS - 12 (1.5')	Total/NA	Solid	8021B	143104
890-10060-13	CS - 13 (1.5')	Total/NA	Solid	8021B	143104
890-10060-14	CS - 14 (1.5')	Total/NA	Solid	8021B	143104
890-10060-15	CS - 15 (1.5')	Total/NA	Solid	8021B	143104
890-10060-16	CS - 16 (1.5')	Total/NA	Solid	8021B	143104
890-10060-17	CS - 17 (1.5')	Total/NA	Solid	8021B	143104
890-10060-18	CS - 18 (1.5')	Total/NA	Solid	8021B	143104
890-10060-19	CS - 19 (1.5')	Total/NA	Solid	8021B	143104
890-10060-20	CS - 20 (4.5')	Total/NA	Solid	8021B	143104
MB 880-143104/5-A	Method Blank	Total/NA	Solid	8021B	143104
LCS 880-143104/1-A	Lab Control Sample	Total/NA	Solid	8021B	143104
LCSD 880-143104/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	143104
890-10060-11 MS	CS - 11 (1.5')	Total/NA	Solid	8021B	143104
890-10060-11 MSD	CS - 11 (1.5')	Total/NA	Solid	8021B	143104

Prep Batch: 143102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-1	CS - 1 (5.5')	Total/NA	Solid	5035	
890-10060-2	CS - 2 (5.5')	Total/NA	Solid	5035	
890-10060-3	CS - 3 (5.5')	Total/NA	Solid	5035	
890-10060-4	CS - 4 (5.5')	Total/NA	Solid	5035	
890-10060-5	CS - 5 (5.5')	Total/NA	Solid	5035	
890-10060-6	CS - 6 (5.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 143102 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-7	CS - 7 (5.5')	Total/NA	Solid	5035	
890-10060-8	CS - 8 (5.5')	Total/NA	Solid	5035	
890-10060-9	CS - 9 (5.5')	Total/NA	Solid	5035	
890-10060-10	CS - 10 (1.5')	Total/NA	Solid	5035	
MB 880-143102/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-143102/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-143102/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-10060-1 MS	CS - 1 (5.5')	Total/NA	Solid	5035	
890-10060-1 MSD	CS - 1 (5.5')	Total/NA	Solid	5035	

Prep Batch: 143103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-21	CS - 21 (4.5')	Total/NA	Solid	5035	
MB 880-143103/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-143103/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-143103/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-10061-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-10061-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 143104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-11	CS - 11 (1.5')	Total/NA	Solid	5035	
890-10060-12	CS - 12 (1.5')	Total/NA	Solid	5035	
890-10060-13	CS - 13 (1.5')	Total/NA	Solid	5035	
890-10060-14	CS - 14 (1.5')	Total/NA	Solid	5035	
890-10060-15	CS - 15 (1.5')	Total/NA	Solid	5035	
890-10060-16	CS - 16 (1.5')	Total/NA	Solid	5035	
890-10060-17	CS - 17 (1.5')	Total/NA	Solid	5035	
890-10060-18	CS - 18 (1.5')	Total/NA	Solid	5035	
890-10060-19	CS - 19 (1.5')	Total/NA	Solid	5035	
890-10060-20	CS - 20 (4.5')	Total/NA	Solid	5035	
MB 880-143104/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-143104/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-143104/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-10060-11 MS	CS - 11 (1.5')	Total/NA	Solid	5035	
890-10060-11 MSD	CS - 11 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 143153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-1	CS - 1 (5.5')	Total/NA	Solid	Total BTEX	
890-10060-2	CS - 2 (5.5')	Total/NA	Solid	Total BTEX	
890-10060-3	CS - 3 (5.5')	Total/NA	Solid	Total BTEX	
890-10060-4	CS - 4 (5.5')	Total/NA	Solid	Total BTEX	
890-10060-5	CS - 5 (5.5')	Total/NA	Solid	Total BTEX	
890-10060-6	CS - 6 (5.5')	Total/NA	Solid	Total BTEX	
890-10060-7	CS - 7 (5.5')	Total/NA	Solid	Total BTEX	
890-10060-8	CS - 8 (5.5')	Total/NA	Solid	Total BTEX	
890-10060-9	CS - 9 (5.5')	Total/NA	Solid	Total BTEX	
890-10060-10	CS - 10 (1.5')	Total/NA	Solid	Total BTEX	
890-10060-11	CS - 11 (1.5')	Total/NA	Solid	Total BTEX	
890-10060-12	CS - 12 (1.5')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 143153 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-13	CS - 13 (1.5')	Total/NA	Solid	Total BTEX	
890-10060-14	CS - 14 (1.5')	Total/NA	Solid	Total BTEX	
890-10060-15	CS - 15 (1.5')	Total/NA	Solid	Total BTEX	
890-10060-16	CS - 16 (1.5')	Total/NA	Solid	Total BTEX	
890-10060-17	CS - 17 (1.5')	Total/NA	Solid	Total BTEX	
890-10060-18	CS - 18 (1.5')	Total/NA	Solid	Total BTEX	
890-10060-19	CS - 19 (1.5')	Total/NA	Solid	Total BTEX	
890-10060-20	CS - 20 (4.5')	Total/NA	Solid	Total BTEX	
890-10060-21	CS - 21 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 143028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-1	CS - 1 (5.5')	Total/NA	Solid	8015NM Prep	
890-10060-2	CS - 2 (5.5')	Total/NA	Solid	8015NM Prep	
890-10060-3	CS - 3 (5.5')	Total/NA	Solid	8015NM Prep	
890-10060-4	CS - 4 (5.5')	Total/NA	Solid	8015NM Prep	
890-10060-5	CS - 5 (5.5')	Total/NA	Solid	8015NM Prep	
890-10060-6	CS - 6 (5.5')	Total/NA	Solid	8015NM Prep	
890-10060-7	CS - 7 (5.5')	Total/NA	Solid	8015NM Prep	
890-10060-8	CS - 8 (5.5')	Total/NA	Solid	8015NM Prep	
890-10060-9	CS - 9 (5.5')	Total/NA	Solid	8015NM Prep	
890-10060-10	CS - 10 (1.5')	Total/NA	Solid	8015NM Prep	
890-10060-11	CS - 11 (1.5')	Total/NA	Solid	8015NM Prep	
890-10060-12	CS - 12 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-143028/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-143028/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-143028/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-10060-1 MS	CS - 1 (5.5')	Total/NA	Solid	8015NM Prep	
890-10060-1 MSD	CS - 1 (5.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 143029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-13	CS - 13 (1.5')	Total/NA	Solid	8015NM Prep	
890-10060-14	CS - 14 (1.5')	Total/NA	Solid	8015NM Prep	
890-10060-15	CS - 15 (1.5')	Total/NA	Solid	8015NM Prep	
890-10060-16	CS - 16 (1.5')	Total/NA	Solid	8015NM Prep	
890-10060-17	CS - 17 (1.5')	Total/NA	Solid	8015NM Prep	
890-10060-18	CS - 18 (1.5')	Total/NA	Solid	8015NM Prep	
890-10060-19	CS - 19 (1.5')	Total/NA	Solid	8015NM Prep	
890-10060-20	CS - 20 (4.5')	Total/NA	Solid	8015NM Prep	
890-10060-21	CS - 21 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-143029/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-143029/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-143029/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-10060-13 MS	CS - 13 (1.5')	Total/NA	Solid	8015NM Prep	
890-10060-13 MSD	CS - 13 (1.5')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 143085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-1	CS - 1 (5.5')	Total/NA	Solid	8015B NM	143028
890-10060-2	CS - 2 (5.5')	Total/NA	Solid	8015B NM	143028
890-10060-3	CS - 3 (5.5')	Total/NA	Solid	8015B NM	143028
890-10060-4	CS - 4 (5.5')	Total/NA	Solid	8015B NM	143028
890-10060-5	CS - 5 (5.5')	Total/NA	Solid	8015B NM	143028
890-10060-6	CS - 6 (5.5')	Total/NA	Solid	8015B NM	143028
890-10060-7	CS - 7 (5.5')	Total/NA	Solid	8015B NM	143028
890-10060-8	CS - 8 (5.5')	Total/NA	Solid	8015B NM	143028
890-10060-9	CS - 9 (5.5')	Total/NA	Solid	8015B NM	143028
890-10060-10	CS - 10 (1.5')	Total/NA	Solid	8015B NM	143028
890-10060-11	CS - 11 (1.5')	Total/NA	Solid	8015B NM	143028
890-10060-12	CS - 12 (1.5')	Total/NA	Solid	8015B NM	143028
MB 880-143028/1-A	Method Blank	Total/NA	Solid	8015B NM	143028
LCS 880-143028/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	143028
LCSD 880-143028/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	143028
890-10060-1 MS	CS - 1 (5.5')	Total/NA	Solid	8015B NM	143028
890-10060-1 MSD	CS - 1 (5.5')	Total/NA	Solid	8015B NM	143028

Analysis Batch: 143088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-13	CS - 13 (1.5')	Total/NA	Solid	8015B NM	143029
890-10060-14	CS - 14 (1.5')	Total/NA	Solid	8015B NM	143029
890-10060-15	CS - 15 (1.5')	Total/NA	Solid	8015B NM	143029
890-10060-16	CS - 16 (1.5')	Total/NA	Solid	8015B NM	143029
890-10060-17	CS - 17 (1.5')	Total/NA	Solid	8015B NM	143029
890-10060-18	CS - 18 (1.5')	Total/NA	Solid	8015B NM	143029
890-10060-19	CS - 19 (1.5')	Total/NA	Solid	8015B NM	143029
890-10060-20	CS - 20 (4.5')	Total/NA	Solid	8015B NM	143029
890-10060-21	CS - 21 (4.5')	Total/NA	Solid	8015B NM	143029
MB 880-143029/1-A	Method Blank	Total/NA	Solid	8015B NM	143029
LCS 880-143029/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	143029
LCSD 880-143029/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	143029
890-10060-13 MS	CS - 13 (1.5')	Total/NA	Solid	8015B NM	143029
890-10060-13 MSD	CS - 13 (1.5')	Total/NA	Solid	8015B NM	143029

Analysis Batch: 143158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-1	CS - 1 (5.5')	Total/NA	Solid	8015 NM	
890-10060-2	CS - 2 (5.5')	Total/NA	Solid	8015 NM	
890-10060-3	CS - 3 (5.5')	Total/NA	Solid	8015 NM	
890-10060-4	CS - 4 (5.5')	Total/NA	Solid	8015 NM	
890-10060-5	CS - 5 (5.5')	Total/NA	Solid	8015 NM	
890-10060-6	CS - 6 (5.5')	Total/NA	Solid	8015 NM	
890-10060-7	CS - 7 (5.5')	Total/NA	Solid	8015 NM	
890-10060-8	CS - 8 (5.5')	Total/NA	Solid	8015 NM	
890-10060-9	CS - 9 (5.5')	Total/NA	Solid	8015 NM	
890-10060-10	CS - 10 (1.5')	Total/NA	Solid	8015 NM	
890-10060-11	CS - 11 (1.5')	Total/NA	Solid	8015 NM	
890-10060-12	CS - 12 (1.5')	Total/NA	Solid	8015 NM	
890-10060-13	CS - 13 (1.5')	Total/NA	Solid	8015 NM	
890-10060-14	CS - 14 (1.5')	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 143158 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-15	CS - 15 (1.5')	Total/NA	Solid	8015 NM	
890-10060-16	CS - 16 (1.5')	Total/NA	Solid	8015 NM	
890-10060-17	CS - 17 (1.5')	Total/NA	Solid	8015 NM	
890-10060-18	CS - 18 (1.5')	Total/NA	Solid	8015 NM	
890-10060-19	CS - 19 (1.5')	Total/NA	Solid	8015 NM	
890-10060-20	CS - 20 (4.5')	Total/NA	Solid	8015 NM	
890-10060-21	CS - 21 (4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 143041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-1	CS - 1 (5.5')	Soluble	Solid	DI Leach	
890-10060-2	CS - 2 (5.5')	Soluble	Solid	DI Leach	
890-10060-3	CS - 3 (5.5')	Soluble	Solid	DI Leach	
890-10060-4	CS - 4 (5.5')	Soluble	Solid	DI Leach	
890-10060-5	CS - 5 (5.5')	Soluble	Solid	DI Leach	
890-10060-6	CS - 6 (5.5')	Soluble	Solid	DI Leach	
890-10060-7	CS - 7 (5.5')	Soluble	Solid	DI Leach	
890-10060-8	CS - 8 (5.5')	Soluble	Solid	DI Leach	
890-10060-9	CS - 9 (5.5')	Soluble	Solid	DI Leach	
890-10060-10	CS - 10 (1.5')	Soluble	Solid	DI Leach	
890-10060-11	CS - 11 (1.5')	Soluble	Solid	DI Leach	
890-10060-12	CS - 12 (1.5')	Soluble	Solid	DI Leach	
890-10060-13	CS - 13 (1.5')	Soluble	Solid	DI Leach	
890-10060-14	CS - 14 (1.5')	Soluble	Solid	DI Leach	
890-10060-15	CS - 15 (1.5')	Soluble	Solid	DI Leach	
890-10060-16	CS - 16 (1.5')	Soluble	Solid	DI Leach	
890-10060-17	CS - 17 (1.5')	Soluble	Solid	DI Leach	
890-10060-18	CS - 18 (1.5')	Soluble	Solid	DI Leach	
890-10060-19	CS - 19 (1.5')	Soluble	Solid	DI Leach	
890-10060-20	CS - 20 (4.5')	Soluble	Solid	DI Leach	
MB 880-143041/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-143041/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-143041/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-10060-1 MS	CS - 1 (5.5')	Soluble	Solid	DI Leach	
890-10060-1 MSD	CS - 1 (5.5')	Soluble	Solid	DI Leach	
890-10060-11 MS	CS - 11 (1.5')	Soluble	Solid	DI Leach	
890-10060-11 MSD	CS - 11 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 143042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-21	CS - 21 (4.5')	Soluble	Solid	DI Leach	
MB 880-143042/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-143042/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-143042/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-10060-21 MS	CS - 21 (4.5')	Soluble	Solid	DI Leach	
890-10060-21 MSD	CS - 21 (4.5')	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

HPLC/IC

Analysis Batch: 143064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-21	CS - 21 (4.5')	Soluble	Solid	300.0	143042
MB 880-143042/1-A	Method Blank	Soluble	Solid	300.0	143042
LCS 880-143042/2-A	Lab Control Sample	Soluble	Solid	300.0	143042
LCSD 880-143042/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	143042
890-10060-21 MS	CS - 21 (4.5')	Soluble	Solid	300.0	143042
890-10060-21 MSD	CS - 21 (4.5')	Soluble	Solid	300.0	143042

Analysis Batch: 143065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10060-1	CS - 1 (5.5')	Soluble	Solid	300.0	143041
890-10060-2	CS - 2 (5.5')	Soluble	Solid	300.0	143041
890-10060-3	CS - 3 (5.5')	Soluble	Solid	300.0	143041
890-10060-4	CS - 4 (5.5')	Soluble	Solid	300.0	143041
890-10060-5	CS - 5 (5.5')	Soluble	Solid	300.0	143041
890-10060-6	CS - 6 (5.5')	Soluble	Solid	300.0	143041
890-10060-7	CS - 7 (5.5')	Soluble	Solid	300.0	143041
890-10060-8	CS - 8 (5.5')	Soluble	Solid	300.0	143041
890-10060-9	CS - 9 (5.5')	Soluble	Solid	300.0	143041
890-10060-10	CS - 10 (1.5')	Soluble	Solid	300.0	143041
890-10060-11	CS - 11 (1.5')	Soluble	Solid	300.0	143041
890-10060-12	CS - 12 (1.5')	Soluble	Solid	300.0	143041
890-10060-13	CS - 13 (1.5')	Soluble	Solid	300.0	143041
890-10060-14	CS - 14 (1.5')	Soluble	Solid	300.0	143041
890-10060-15	CS - 15 (1.5')	Soluble	Solid	300.0	143041
890-10060-16	CS - 16 (1.5')	Soluble	Solid	300.0	143041
890-10060-17	CS - 17 (1.5')	Soluble	Solid	300.0	143041
890-10060-18	CS - 18 (1.5')	Soluble	Solid	300.0	143041
890-10060-19	CS - 19 (1.5')	Soluble	Solid	300.0	143041
890-10060-20	CS - 20 (4.5')	Soluble	Solid	300.0	143041
MB 880-143041/1-A	Method Blank	Soluble	Solid	300.0	143041
LCS 880-143041/2-A	Lab Control Sample	Soluble	Solid	300.0	143041
LCSD 880-143041/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	143041
890-10060-1 MS	CS - 1 (5.5')	Soluble	Solid	300.0	143041
890-10060-1 MSD	CS - 1 (5.5')	Soluble	Solid	300.0	143041
890-10060-11 MS	CS - 11 (1.5')	Soluble	Solid	300.0	143041
890-10060-11 MSD	CS - 11 (1.5')	Soluble	Solid	300.0	143041

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Lab Chronicle

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 1 (5.5')**Lab Sample ID: 890-10060-1****Date Collected: 06/09/26 11:04****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143102	06/10/26 10:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143067	06/10/26 12:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 12:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 11:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	143028	06/09/26 16:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143085	06/10/26 11:21	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 08:48	CS	EET MID

Client Sample ID: CS - 2 (5.5')**Lab Sample ID: 890-10060-2****Date Collected: 06/09/26 11:08****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143102	06/10/26 10:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143067	06/10/26 12:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 12:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 12:08	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	143028	06/09/26 16:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143085	06/10/26 12:08	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 09:02	CS	EET MID

Client Sample ID: CS - 3 (5.5')**Lab Sample ID: 890-10060-3****Date Collected: 06/09/26 11:12****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143102	06/10/26 10:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143067	06/10/26 12:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 12:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 12:24	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	143028	06/09/26 16:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143085	06/10/26 12:24	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 09:07	CS	EET MID

Client Sample ID: CS - 4 (5.5')**Lab Sample ID: 890-10060-4****Date Collected: 06/09/26 11:16****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143102	06/10/26 10:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143067	06/10/26 13:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 13:11	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 4 (5.5')

Lab Sample ID: 890-10060-4

Date Collected: 06/09/26 11:16

Matrix: Solid

Date Received: 06/09/26 14:34

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			143158	06/10/26 12:40	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	143028	06/09/26 16:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143085	06/10/26 12:40	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 09:12	CS	EET MID

Client Sample ID: CS - 5 (5.5')

Lab Sample ID: 890-10060-5

Date Collected: 06/09/26 11:20

Matrix: Solid

Date Received: 06/09/26 14:34

Prep 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	143102	06/10/26 10:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143067	06/10/26 13:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 13:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 12:56	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	143028	06/09/26 16:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143085	06/10/26 12:56	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 09:17	CS	EET MID

Client Sample ID: CS - 6 (5.5')

Lab Sample ID: 890-10060-6

Date Collected: 06/09/26 11:24

Matrix: Solid

Date Received: 06/09/26 14:34

Prep 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	143102	06/10/26 10:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143067	06/10/26 13:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 13:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 13:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	143028	06/09/26 16:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143085	06/10/26 13:12	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 09:32	CS	EET MID

Client Sample ID: CS - 7 (5.5')

Lab Sample ID: 890-10060-7

Date Collected: 06/09/26 11:28

Matrix: Solid

Date Received: 06/09/26 14:34

Prep 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	143102	06/10/26 10:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143067	06/10/26 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 14:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 13:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143028	06/09/26 16:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143085	06/10/26 13:28	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 7 (5.5')

Lab Sample ID: 890-10060-7

Date Collected: 06/09/26 11:28

Matrix: Solid

Date Received: 06/09/26 14:34

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	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 09:37	CS	EET MID

Client Sample ID: CS - 8 (5.5')

Lab Sample ID: 890-10060-8

Date Collected: 06/09/26 11:32

Matrix: Solid

Date Received: 06/09/26 14:34

Prep 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	143102	06/10/26 10:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143067	06/10/26 14:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 14:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 13:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	143028	06/09/26 16:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143085	06/10/26 13:44	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 09:42	CS	EET MID

Client Sample ID: CS - 9 (5.5')

Lab Sample ID: 890-10060-9

Date Collected: 06/09/26 11:36

Matrix: Solid

Date Received: 06/09/26 14:34

Prep 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	143102	06/10/26 10:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143067	06/10/26 14:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 14:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 14:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	143028	06/09/26 16:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143085	06/10/26 14:00	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 09:47	CS	EET MID

Client Sample ID: CS - 10 (1.5')

Lab Sample ID: 890-10060-10

Date Collected: 06/09/26 11:44

Matrix: Solid

Date Received: 06/09/26 14:34

Prep 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	143102	06/10/26 10:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143067	06/10/26 15:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 15:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 14:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	143028	06/09/26 16:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143085	06/10/26 14:16	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 09:52	CS	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 11 (1.5')**Lab Sample ID: 890-10060-11****Date Collected: 06/09/26 11:48****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143104	06/10/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143071	06/10/26 12:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 12:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 14:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143028	06/09/26 16:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143085	06/10/26 14:48	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 09:57	CS	EET MID

Client Sample ID: CS - 12 (1.5')**Lab Sample ID: 890-10060-12****Date Collected: 06/09/26 11:52****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143104	06/10/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143071	06/10/26 13:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 13:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 15:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	143028	06/09/26 16:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143085	06/10/26 15:04	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 10:12	CS	EET MID

Client Sample ID: CS - 13 (1.5')**Lab Sample ID: 890-10060-13****Date Collected: 06/09/26 11:56****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143104	06/10/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143071	06/10/26 13:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 13:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 11:21	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	143029	06/09/26 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143088	06/10/26 11:21	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 10:17	CS	EET MID

Client Sample ID: CS - 14 (1.5')**Lab Sample ID: 890-10060-14****Date Collected: 06/09/26 12:00****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143104	06/10/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143071	06/10/26 13:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 13:54	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 14 (1.5')**Lab Sample ID: 890-10060-14****Date Collected: 06/09/26 12:00****Matrix: Solid****Date Received: 06/09/26 14:34**

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			143158	06/10/26 12:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	143029	06/09/26 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143088	06/10/26 12:08	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 10:32	CS	EET MID

Client Sample ID: CS - 15 (1.5')**Lab Sample ID: 890-10060-15****Date Collected: 06/09/26 12:04****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143104	06/10/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143071	06/10/26 14:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 14:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 12:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143029	06/09/26 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143088	06/10/26 12:24	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 10:37	CS	EET MID

Client Sample ID: CS - 16 (1.5')**Lab Sample ID: 890-10060-16****Date Collected: 06/09/26 12:08****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143104	06/10/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143071	06/10/26 14:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 14:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 12:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	143029	06/09/26 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143088	06/10/26 12:40	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 10:42	CS	EET MID

Client Sample ID: CS - 17 (1.5')**Lab Sample ID: 890-10060-17****Date Collected: 06/09/26 12:12****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143104	06/10/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143071	06/10/26 14:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 14:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 12:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	143029	06/09/26 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143088	06/10/26 12:56	FC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 17 (1.5')**Lab Sample ID: 890-10060-17****Date Collected: 06/09/26 12:12****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 10:47	CS	EET MID

Client Sample ID: CS - 18 (1.5')**Lab Sample ID: 890-10060-18****Date Collected: 06/09/26 12:16****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143104	06/10/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143071	06/10/26 15:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 15:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 13:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	143029	06/09/26 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143088	06/10/26 13:12	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 10:52	CS	EET MID

Client Sample ID: CS - 19 (1.5')**Lab Sample ID: 890-10060-19****Date Collected: 06/09/26 12:20****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143104	06/10/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143071	06/10/26 15:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 15:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 13:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	143029	06/09/26 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143088	06/10/26 13:28	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 10:57	CS	EET MID

Client Sample ID: CS - 20 (4.5')**Lab Sample ID: 890-10060-20****Date Collected: 06/09/26 12:28****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143104	06/10/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143071	06/10/26 15:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 15:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 13:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	143029	06/09/26 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143088	06/10/26 13:44	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	143041	06/09/26 17:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143065	06/10/26 11:02	CS	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Client Sample ID: CS - 21 (4.5')
Date Collected: 06/09/26 12:32
Date Received: 06/09/26 14:34

Lab Sample ID: 890-10060-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	143103	06/10/26 10:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143068	06/10/26 15:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143153	06/10/26 15:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			143158	06/10/26 14:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	143029	06/09/26 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143088	06/10/26 14:00	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	143042	06/09/26 17:15	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143064	06/10/26 11:39	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: LEA FED EAST BT 20021

Job ID: 890-10060-1
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 T104704400. 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: LEA FED EAST BT 20021

Job ID: 890-10060-1
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: LEA FED EAST BT 20021

Job ID: 890-10060-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-10060-1	CS - 1 (5.5')	Solid	06/09/26 11:04	06/09/26 14:34	Texas
890-10060-2	CS - 2 (5.5')	Solid	06/09/26 11:08	06/09/26 14:34	Texas
890-10060-3	CS - 3 (5.5')	Solid	06/09/26 11:12	06/09/26 14:34	Texas
890-10060-4	CS - 4 (5.5')	Solid	06/09/26 11:16	06/09/26 14:34	Texas
890-10060-5	CS - 5 (5.5')	Solid	06/09/26 11:20	06/09/26 14:34	Texas
890-10060-6	CS - 6 (5.5')	Solid	06/09/26 11:24	06/09/26 14:34	Texas
890-10060-7	CS - 7 (5.5')	Solid	06/09/26 11:28	06/09/26 14:34	Texas
890-10060-8	CS - 8 (5.5')	Solid	06/09/26 11:32	06/09/26 14:34	Texas
890-10060-9	CS - 9 (5.5')	Solid	06/09/26 11:36	06/09/26 14:34	Texas
890-10060-10	CS - 10 (1.5')	Solid	06/09/26 11:44	06/09/26 14:34	Texas
890-10060-11	CS - 11 (1.5')	Solid	06/09/26 11:48	06/09/26 14:34	Texas
890-10060-12	CS - 12 (1.5')	Solid	06/09/26 11:52	06/09/26 14:34	Texas
890-10060-13	CS - 13 (1.5')	Solid	06/09/26 11:56	06/09/26 14:34	Texas
890-10060-14	CS - 14 (1.5')	Solid	06/09/26 12:00	06/09/26 14:34	Texas
890-10060-15	CS - 15 (1.5')	Solid	06/09/26 12:04	06/09/26 14:34	Texas
890-10060-16	CS - 16 (1.5')	Solid	06/09/26 12:08	06/09/26 14:34	Texas
890-10060-17	CS - 17 (1.5')	Solid	06/09/26 12:12	06/09/26 14:34	Texas
890-10060-18	CS - 18 (1.5')	Solid	06/09/26 12:16	06/09/26 14:34	Texas
890-10060-19	CS - 19 (1.5')	Solid	06/09/26 12:20	06/09/26 14:34	Texas
890-10060-20	CS - 20 (4.5')	Solid	06/09/26 12:28	06/09/26 14:34	Texas
890-10060-21	CS - 21 (4.5')	Solid	06/09/26 12:32	06/09/26 14:34	Texas

Eurofins Carlsbad

Chain of Custody

Work Order No: _____

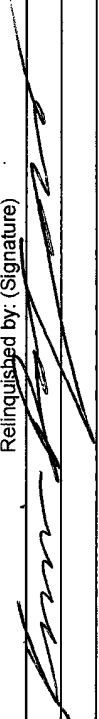
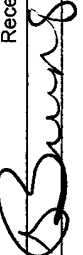
Page 1 of 3

Project Manager: Ashton Thielke		Bill to: (if different)		Laci Luig	
Company Name: Carmona Resources		Company Name:		Cimarex Energy	
Address: 310 W Wall St Ste 500		Address:		600 N Marienfield St, Suite 600	
City, State ZIP: Midland, TX 79701		City, State ZIP:		Midland, TX 79701	
Phone: 432-813-8988		Email: laci.luig@coterra.com & ashton.thielke@coterra.com			

Project Name: Lea Fed East BT20021		Turn Around		Pres. Code	
Project Number: 3140		☐ Routine ☒ Rush			
Project Location: Lea County, New Mexico		Due Date: 24 hr			
Sampler's Name: KR					
PO #:					

ANALYSIS REQUEST										Preservative Codes	
 890-10060 Chain of Custody										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	
Parameters										Sample Comments	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont					
CS-1 (5.5')	6/9/2026	11:04	X		Comp	1	TPH 8015M (GRO + DRO + MRO)				
CS-2 (5.5')	6/9/2026	11:08	X		Comp	1	Chloride 300.0				
CS-3 (5.5')	6/9/2026	11:12	X		Comp	1	BTX 8021B				
CS-4 (5.5')	6/9/2026	11:16	X		Comp	1					
CS-5 (5.5')	6/9/2026	11:20	X		Comp	1					
CS-6 (5.5')	6/9/2026	11:24	X		Comp	1					
CS-7 (5.5')	6/9/2026	11:28	X		Comp	1					
CS-8 (5.5')	6/9/2026	11:32	X		Comp	1					
CS-9 (5.5')	6/9/2026	11:36	X		Comp	1					
CS-10 (1.5')	6/9/2026	11:44	X		Comp	1					

Comments:

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
				6/9 1434	

Work Order No:

Page 2 of 3

[illegible]

Comments:

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Date/Time

Chain of Custody

Work Order No: _____

Page 3 of 3

Project Manager: Ashton Thielke		Bill to: (if different)		Laci Luig	
Company Name: Carmona Resources		Company Name:		Cimarex Energy	
Address: 310 W Wall St Ste 500		Address:		600 N Marientfield St, Suite 600	
City, State ZIP: Midland, TX 79701		City, State ZIP:		Midland, TX 79701	
Phone: 432-813-8988		Email: laci.luig@coteria.com & ashton.thielke@coteria.com			

Project Name: Lea Fed East BT20021		Turn Around		Pres. Code	
Project Number: 3140		☐ Routine ☒ Rush			
Project Location: Lea County, New Mexico		Due Date: 24 hr			
Sampler's Name: KR					
PO #:					

SAMPLE RECEIPT		Isamp Blank:		Yes ☒ No ☐		Wet Ice:		Yes ☒ No ☐		Thermometer ID:		Inm002	
Received Intact:		Yes ☒ No ☐		Thermometer ID:		Correction Factor:		-0.2		Temperature Reading:		3.0	
Cooler Custody Seals:		Yes ☒ No ☐		Temperature Reading:		Corrected Temperature:		2.8					
Sample Custody Seals:		Yes ☒ No ☐											
Total Containers:													

Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont	
CS-21 (4.5)		6/9/2026		12:32		X				Comp		1	

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
						6/9 1434	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-10060-1

SDG Number: Lea County New Mexico

Login Number: 10060

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: 890-10060-1
SDG Number: Lea County New Mexico

Login Number: 10060

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 06/10/26 09:19 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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/10/2026 3:48:43 PM

JOB DESCRIPTION

LEA FED EAST BT 20021
Lea County New Mexico

JOB NUMBER

890-10061-1

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
6/10/2026 3:48:43 PM

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

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Laboratory Job ID: 890-10061-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
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, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
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: LEA FED EAST BT 20021

Job ID: 890-10061-1

Job ID: 890-10061-1

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Job Narrative
890-10061-1

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 6/9/2026 2:34 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 2.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW - 1 (1.5'-5.5') (890-10061-1), SW - 2 (5.5') (890-10061-2), SW - 3 (5.5') (890-10061-3), SW - 4 (5.5') (890-10061-4), SW - 5 (1.5'-4.5') (890-10061-5), SW - 6 (1.5') (890-10061-6), SW - 7 (1.5') (890-10061-7), SW - 8 (1.5') (890-10061-8) and SW - 9 (4.5') (890-10061-9).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-143103 and analytical batch 880-143068 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-143103 and analytical batch 880-143068 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: Surrogate recovery for the following sample was outside control limits: (MB 880-143028/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (890-10060-A-13-C MS) and (890-10060-A-13-D 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 (1.5'-4.5') (890-10061-5), SW - 6 (1.5') (890-10061-6), SW - 7 (1.5') (890-10061-7), (MB 880-143029/1-A) and (890-10060-A-13-B). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: SW - 8 (1.5') (890-10061-8) and SW - 9 (4.5') (890-10061-9). Evidence of matrix interferences is not obvious.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-143028 and analytical batch 880-143085 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

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

HPLC/IC

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

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Case Narrative

Client: Carmona Resources
Project: LEA FED EAST BT 20021

Job ID: 890-10061-1

Job ID: 890-10061-1 (Continued)

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

Client Sample ID: SW - 1 (1.5'-5.5')

Lab Sample ID: 890-10061-1

Date Collected: 06/09/26 12:40

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:30	06/10/26 12:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:30	06/10/26 12:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:30	06/10/26 12:28	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		06/10/26 10:30	06/10/26 12:28	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		06/10/26 10:30	06/10/26 12:28	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		06/10/26 10:30	06/10/26 12:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	06/10/26 10:30	06/10/26 12:28	1
1,4-Difluorobenzene (Surr)	84		70 - 130	06/10/26 10:30	06/10/26 12:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/10/26 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	59.2		49.8		mg/Kg			06/10/26 15:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		06/09/26 16:00	06/10/26 15:20	1
Diesel Range Organics (Over C10-C28)	59.2		49.8		mg/Kg		06/09/26 16:00	06/10/26 15:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/09/26 16:00	06/10/26 15:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130	06/09/26 16:00	06/10/26 15:20	1
o-Terphenyl (Surr)	90		70 - 130	06/09/26 16:00	06/10/26 15:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.2		9.98		mg/Kg			06/10/26 11:53	1

Client Sample ID: SW - 2 (5.5')

Lab Sample ID: 890-10061-2

Date Collected: 06/09/26 12:44

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:30	06/10/26 12:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:30	06/10/26 12:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:30	06/10/26 12:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/10/26 10:30	06/10/26 12:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:30	06/10/26 12:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/10/26 10:30	06/10/26 12:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	06/10/26 10:30	06/10/26 12:49	1
1,4-Difluorobenzene (Surr)	86		70 - 130	06/10/26 10:30	06/10/26 12:49	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

Client Sample ID: SW - 2 (5.5')

Lab Sample ID: 890-10061-2

Date Collected: 06/09/26 12:44

Matrix: Solid

Date Received: 06/09/26 14:34

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/10/26 12:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/10/26 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	<49.9	U *1	49.9		mg/Kg		06/09/26 16:00	06/10/26 15:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/26 16:00	06/10/26 15:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/26 16:00	06/10/26 15:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				06/09/26 16:00	06/10/26 15:36	1
o-Terphenyl (Surr)	95		70 - 130				06/09/26 16:00	06/10/26 15:36	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			06/10/26 11:58	1

Client Sample ID: SW - 3 (5.5')

Lab Sample ID: 890-10061-3

Date Collected: 06/09/26 12:48

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:30	06/10/26 13:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:30	06/10/26 13:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:30	06/10/26 13:10	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/10/26 10:30	06/10/26 13:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:30	06/10/26 13:10	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/10/26 10:30	06/10/26 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				06/10/26 10:30	06/10/26 13:10	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/10/26 10:30	06/10/26 13:10	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			06/10/26 13:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/10/26 15:52	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 *1	50.0		mg/Kg		06/09/26 16:00	06/10/26 15:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 15:52	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

Client Sample ID: SW - 3 (5.5')

Lab Sample ID: 890-10061-3

Date Collected: 06/09/26 12:48

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 15:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				06/09/26 16:00	06/10/26 15:52	1
o-Terphenyl (Surr)	101		70 - 130				06/09/26 16:00	06/10/26 15:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.3		9.98		mg/Kg			06/10/26 12:03	1

Client Sample ID: SW - 4 (5.5')

Lab Sample ID: 890-10061-4

Date Collected: 06/09/26 12:52

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:30	06/10/26 13:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:30	06/10/26 13:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:30	06/10/26 13:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/10/26 10:30	06/10/26 13:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:30	06/10/26 13:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/10/26 10:30	06/10/26 13:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/10/26 10:30	06/10/26 13:30	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/10/26 10:30	06/10/26 13:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/10/26 13:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/10/26 16:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		06/09/26 16:00	06/10/26 16:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/09/26 16:00	06/10/26 16:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/09/26 16:00	06/10/26 16:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				06/09/26 16:00	06/10/26 16:08	1
o-Terphenyl (Surr)	98		70 - 130				06/09/26 16:00	06/10/26 16:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.1		9.98		mg/Kg			06/10/26 12:07	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

Client Sample ID: SW - 5 (1.5'-4.5')

Lab Sample ID: 890-10061-5

Date Collected: 06/09/26 12:56

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:30	06/10/26 13:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:30	06/10/26 13:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:30	06/10/26 13:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/26 10:30	06/10/26 13:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:30	06/10/26 13:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/26 10:30	06/10/26 13:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/10/26 10:30	06/10/26 13:51	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/10/26 10:30	06/10/26 13:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/10/26 13:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/10/26 15:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/09/26 16:04	06/10/26 15:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/26 16:04	06/10/26 15:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/26 16:04	06/10/26 15:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	141	S1+	70 - 130				06/09/26 16:04	06/10/26 15:04	1
o-Terphenyl (Surr)	142	S1+	70 - 130				06/09/26 16:04	06/10/26 15:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.8		10.0		mg/Kg			06/10/26 12:21	1

Client Sample ID: SW - 6 (1.5')

Lab Sample ID: 890-10061-6

Date Collected: 06/09/26 13:00

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:30	06/10/26 14:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:30	06/10/26 14:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:30	06/10/26 14:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/10/26 10:30	06/10/26 14:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:30	06/10/26 14:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/10/26 10:30	06/10/26 14:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				06/10/26 10:30	06/10/26 14:11	1
1,4-Difluorobenzene (Surr)	88		70 - 130				06/10/26 10:30	06/10/26 14:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

Client Sample ID: SW - 6 (1.5')

Lab Sample ID: 890-10061-6

Date Collected: 06/09/26 13:00

Matrix: Solid

Date Received: 06/09/26 14:34

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/10/26 14:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/10/26 15:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/09/26 16:04	06/10/26 15:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/26 16:04	06/10/26 15:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/26 16:04	06/10/26 15:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	133	S1+	70 - 130				06/09/26 16:04	06/10/26 15:20	1
o-Terphenyl (Surr)	134	S1+	70 - 130				06/09/26 16:04	06/10/26 15:20	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			06/10/26 12:26	1

Client Sample ID: SW - 7 (1.5')

Lab Sample ID: 890-10061-7

Date Collected: 06/09/26 13:04

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:30	06/10/26 14:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:30	06/10/26 14:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:30	06/10/26 14:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/10/26 10:30	06/10/26 14:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/10/26 10:30	06/10/26 14:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/10/26 10:30	06/10/26 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/10/26 10:30	06/10/26 14:32	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/10/26 10:30	06/10/26 14:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/10/26 14:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/10/26 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		06/09/26 16:04	06/10/26 15:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/26 16:04	06/10/26 15:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

Client Sample ID: SW - 7 (1.5')

Lab Sample ID: 890-10061-7

Date Collected: 06/09/26 13:04

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/26 16:04	06/10/26 15:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	282	S1+	70 - 130				06/09/26 16:04	06/10/26 15:36	1
o-Terphenyl (Surr)	277	S1+	70 - 130				06/09/26 16:04	06/10/26 15:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.3		10.0		mg/Kg			06/10/26 12:31	1

Client Sample ID: SW - 8 (1.5')

Lab Sample ID: 890-10061-8

Date Collected: 06/09/26 13:08

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:30	06/10/26 14:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:30	06/10/26 14:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:30	06/10/26 14:53	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/10/26 10:30	06/10/26 14:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/10/26 10:30	06/10/26 14:53	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/10/26 10:30	06/10/26 14:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/10/26 10:30	06/10/26 14:53	1
1,4-Difluorobenzene (Surr)	87		70 - 130				06/10/26 10:30	06/10/26 14:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/10/26 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/10/26 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/09/26 16:04	06/10/26 15:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/09/26 16:04	06/10/26 15:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/09/26 16:04	06/10/26 15:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	141	S1+	70 - 130				06/09/26 16:04	06/10/26 15:52	1
o-Terphenyl (Surr)	141	S1+	70 - 130				06/09/26 16:04	06/10/26 15:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.1		10.1		mg/Kg			06/10/26 12:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

Client Sample ID: SW - 9 (4.5')

Lab Sample ID: 890-10061-9

Date Collected: 06/09/26 13:12

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:30	06/10/26 15:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:30	06/10/26 15:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:30	06/10/26 15:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/10/26 10:30	06/10/26 15:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/10/26 10:30	06/10/26 15:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/10/26 10:30	06/10/26 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/10/26 10:30	06/10/26 15:13	1
1,4-Difluorobenzene (Surr)	75		70 - 130	06/10/26 10:30	06/10/26 15:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/10/26 15:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	74.4		50.0		mg/Kg			06/10/26 16:08	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		06/09/26 16:04	06/10/26 16:08	1
Diesel Range Organics (Over C10-C28)	74.4		50.0		mg/Kg		06/09/26 16:04	06/10/26 16:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/26 16:04	06/10/26 16:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	142	S1+	70 - 130	06/09/26 16:04	06/10/26 16:08	1
o-Terphenyl (Surr)	144	S1+	70 - 130	06/09/26 16:04	06/10/26 16:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.8		9.96		mg/Kg			06/10/26 12:40	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
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)				
890-10061-1	SW - 1 (1.5'-5.5')	77	84				
890-10061-1 MS	SW - 1 (1.5'-5.5')	91	89				
890-10061-1 MSD	SW - 1 (1.5'-5.5')	91	92				
890-10061-2	SW - 2 (5.5')	91	86				
890-10061-3	SW - 3 (5.5')	101	89				
890-10061-4	SW - 4 (5.5')	104	93				
890-10061-5	SW - 5 (1.5'-4.5')	105	89				
890-10061-6	SW - 6 (1.5')	98	88				
890-10061-7	SW - 7 (1.5')	104	90				
890-10061-8	SW - 8 (1.5')	109	87				
890-10061-9	SW - 9 (4.5')	103	75				
LCS 880-143103/1-A	Lab Control Sample	88	93				
LCSD 880-143103/2-A	Lab Control Sample Dup	86	107				
MB 880-143103/5-A	Method Blank	233 S1+	127				
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)				
890-10060-A-1-B MS	Matrix Spike	84	99				
890-10060-A-1-C MSD	Matrix Spike Duplicate	94	108				
890-10060-A-13-C MS	Matrix Spike	141 S1+	141 S1+				
890-10060-A-13-D MSD	Matrix Spike Duplicate	139 S1+	150 S1+				
890-10061-1	SW - 1 (1.5'-5.5')	87	90				
890-10061-2	SW - 2 (5.5')	82	95				
890-10061-3	SW - 3 (5.5')	92	101				
890-10061-4	SW - 4 (5.5')	92	98				
890-10061-5	SW - 5 (1.5'-4.5')	141 S1+	142 S1+				
890-10061-6	SW - 6 (1.5')	133 S1+	134 S1+				
890-10061-7	SW - 7 (1.5')	282 S1+	277 S1+				
890-10061-8	SW - 8 (1.5')	141 S1+	141 S1+				
890-10061-9	SW - 9 (4.5')	142 S1+	144 S1+				
LCS 880-143028/2-A	Lab Control Sample	78	88				
LCS 880-143029/2-A	Lab Control Sample	104	117				
LCSD 880-143028/3-A	Lab Control Sample Dup	88	93				
LCSD 880-143029/3-A	Lab Control Sample Dup	97	106				
MB 880-143028/1-A	Method Blank	145 S1+	124				
MB 880-143029/1-A	Method Blank	215 S1+	219 S1+				
Surrogate Legend							
1CO = 1-Chlorooctane (Surr)							
OTPH = o-Terphenyl (Surr)							

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-143103/5-A

Matrix: Solid

Analysis Batch: 143068

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 143103

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/26 08:00	06/10/26 11:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/26 08:00	06/10/26 11:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/26 08:00	06/10/26 11:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/26 08:00	06/10/26 11:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/26 08:00	06/10/26 11:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/26 08:00	06/10/26 11:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	233	S1+	70 - 130	06/10/26 08:00	06/10/26 11:59	1
1,4-Difluorobenzene (Surr)	127		70 - 130	06/10/26 08:00	06/10/26 11:59	1

Lab Sample ID: LCS 880-143103/1-A

Matrix: Solid

Analysis Batch: 143068

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1064		mg/Kg		106	70 - 130
Toluene	0.100	0.09986		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09621		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1631		mg/Kg		82	70 - 130
o-Xylene	0.100	0.09243		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-143103/2-A

Matrix: Solid

Analysis Batch: 143068

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143103

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1052		mg/Kg		105	70 - 130	1	35
Toluene	0.100	0.09275		mg/Kg		93	70 - 130	7	35
Ethylbenzene	0.100	0.09621		mg/Kg		96	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1598		mg/Kg		80	70 - 130	2	35
o-Xylene	0.100	0.09129		mg/Kg		91	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 890-10061-1 MS

Matrix: Solid

Analysis Batch: 143068

Client Sample ID: SW - 1 (1.5'-5.5')

Prep Type: Total/NA

Prep Batch: 143103

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09638		mg/Kg		96	70 - 130
Toluene	<0.00200	U	0.100	0.08700		mg/Kg		87	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-10061-1 MS

Matrix: Solid

Analysis Batch: 143068

Client Sample ID: SW - 1 (1.5'-5.5')

Prep Type: Total/NA

Prep Batch: 143103

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08471		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1363	F1	mg/Kg		68	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.07572		mg/Kg		76	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 890-10061-1 MSD

Matrix: Solid

Analysis Batch: 143068

Client Sample ID: SW - 1 (1.5'-5.5')

Prep Type: Total/NA

Prep Batch: 143103

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	0.08890		mg/Kg		89	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.07797		mg/Kg		78	70 - 130	11	35
Ethylbenzene	<0.00200	U	0.100	0.07094		mg/Kg		71	70 - 130	18	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1213	F1	mg/Kg		61	70 - 130	12	35
o-Xylene	<0.00200	U F1	0.100	0.06797	F1	mg/Kg		68	70 - 130	11	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

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

Lab Sample ID: MB 880-143028/1-A

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 143028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 08:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 08:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 08:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	145	S1+	70 - 130	06/09/26 16:00	06/10/26 08:24	1
o-Terphenyl (Surr)	124		70 - 130	06/09/26 16:00	06/10/26 08:24	1

Lab Sample ID: LCS 880-143028/2-A

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143028

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	760.2		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	1000	883.4		mg/Kg		88	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-143028/2-A

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143028

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	78		70 - 130
o-Terphenyl (Surr)	88		70 - 130

Lab Sample ID: LCSD 880-143028/3-A

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143028

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	935.5	*1	mg/Kg		94	70 - 130	21	20
Diesel Range Organics (Over C10-C28)	1000	957.8		mg/Kg		96	70 - 130	8	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	88		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: 890-10060-A-1-B MS

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 143028

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	1000	995.4		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	199		1000	1107		mg/Kg		91	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	84		70 - 130
o-Terphenyl (Surr)	99		70 - 130

Lab Sample ID: 890-10060-A-1-C MSD

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 143028

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	1000	1112		mg/Kg		109	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	199		1000	1227		mg/Kg		103	70 - 130	10	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	108		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-143029/1-A

Matrix: Solid

Analysis Batch: 143088

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 143029

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/26 16:04	06/10/26 08:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/26 16:04	06/10/26 08:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/26 16:04	06/10/26 08:24	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	215	S1+	70 - 130				06/09/26 16:04	06/10/26 08:24	1
o-Terphenyl (Surr)	219	S1+	70 - 130				06/09/26 16:04	06/10/26 08:24	1

Lab Sample ID: LCS 880-143029/2-A

Matrix: Solid

Analysis Batch: 143088

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143029

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1004		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1154		mg/Kg		115	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	104		70 - 130				
o-Terphenyl (Surr)	117		70 - 130				

Lab Sample ID: LCSD 880-143029/3-A

Matrix: Solid

Analysis Batch: 143088

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143029

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	954.9		mg/Kg		95	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1040		mg/Kg		104	70 - 130	10	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	97		70 - 130						
o-Terphenyl (Surr)	106		70 - 130						

Lab Sample ID: 890-10060-A-13-C MS

Matrix: Solid

Analysis Batch: 143088

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 143029

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	1000	1160		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	250		1000	1305		mg/Kg		106	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-10060-A-13-C MS

Matrix: Solid

Analysis Batch: 143088

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 143029

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	141	S1+	70 - 130
o-Terphenyl (Surr)	141	S1+	70 - 130

Lab Sample ID: 890-10060-A-13-D MSD

Matrix: Solid

Analysis Batch: 143088

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 143029

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	1000	1132		mg/Kg		111	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	250		1000	1368		mg/Kg		112	70 - 130	5	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	139	S1+	70 - 130
o-Terphenyl (Surr)	150	S1+	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-143042/1-A

Matrix: Solid

Analysis Batch: 143064

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			06/10/26 11:26	1

Lab Sample ID: LCS 880-143042/2-A

Matrix: Solid

Analysis Batch: 143064

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	233.1		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-143042/3-A

Matrix: Solid

Analysis Batch: 143064

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	231.9		mg/Kg		93	90 - 110	1	20

Lab Sample ID: 890-10060-A-21-C MS

Matrix: Solid

Analysis Batch: 143064

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	107		248	365.4		mg/Kg		104	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-10060-A-21-D MSD					Client Sample ID: Matrix Spike Duplicate							
Matrix: Solid					Prep Type: Soluble							
Analysis Batch: 143064												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	107		248	364.7		mg/Kg	-	104	90 - 110	0	20	

QC Association Summary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 143068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10061-1	SW - 1 (1.5'-5.5')	Total/NA	Solid	8021B	143103
890-10061-2	SW - 2 (5.5')	Total/NA	Solid	8021B	143103
890-10061-3	SW - 3 (5.5')	Total/NA	Solid	8021B	143103
890-10061-4	SW - 4 (5.5')	Total/NA	Solid	8021B	143103
890-10061-5	SW - 5 (1.5'-4.5')	Total/NA	Solid	8021B	143103
890-10061-6	SW - 6 (1.5')	Total/NA	Solid	8021B	143103
890-10061-7	SW - 7 (1.5')	Total/NA	Solid	8021B	143103
890-10061-8	SW - 8 (1.5')	Total/NA	Solid	8021B	143103
890-10061-9	SW - 9 (4.5')	Total/NA	Solid	8021B	143103
MB 880-143103/5-A	Method Blank	Total/NA	Solid	8021B	143103
LCS 880-143103/1-A	Lab Control Sample	Total/NA	Solid	8021B	143103
LCSD 880-143103/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	143103
890-10061-1 MS	SW - 1 (1.5'-5.5')	Total/NA	Solid	8021B	143103
890-10061-1 MSD	SW - 1 (1.5'-5.5')	Total/NA	Solid	8021B	143103

Prep Batch: 143103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10061-1	SW - 1 (1.5'-5.5')	Total/NA	Solid	5035	
890-10061-2	SW - 2 (5.5')	Total/NA	Solid	5035	
890-10061-3	SW - 3 (5.5')	Total/NA	Solid	5035	
890-10061-4	SW - 4 (5.5')	Total/NA	Solid	5035	
890-10061-5	SW - 5 (1.5'-4.5')	Total/NA	Solid	5035	
890-10061-6	SW - 6 (1.5')	Total/NA	Solid	5035	
890-10061-7	SW - 7 (1.5')	Total/NA	Solid	5035	
890-10061-8	SW - 8 (1.5')	Total/NA	Solid	5035	
890-10061-9	SW - 9 (4.5')	Total/NA	Solid	5035	
MB 880-143103/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-143103/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-143103/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-10061-1 MS	SW - 1 (1.5'-5.5')	Total/NA	Solid	5035	
890-10061-1 MSD	SW - 1 (1.5'-5.5')	Total/NA	Solid	5035	

Analysis Batch: 143154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10061-1	SW - 1 (1.5'-5.5')	Total/NA	Solid	Total BTEX	
890-10061-2	SW - 2 (5.5')	Total/NA	Solid	Total BTEX	
890-10061-3	SW - 3 (5.5')	Total/NA	Solid	Total BTEX	
890-10061-4	SW - 4 (5.5')	Total/NA	Solid	Total BTEX	
890-10061-5	SW - 5 (1.5'-4.5')	Total/NA	Solid	Total BTEX	
890-10061-6	SW - 6 (1.5')	Total/NA	Solid	Total BTEX	
890-10061-7	SW - 7 (1.5')	Total/NA	Solid	Total BTEX	
890-10061-8	SW - 8 (1.5')	Total/NA	Solid	Total BTEX	
890-10061-9	SW - 9 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 143028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10061-1	SW - 1 (1.5'-5.5')	Total/NA	Solid	8015NM Prep	
890-10061-2	SW - 2 (5.5')	Total/NA	Solid	8015NM Prep	
890-10061-3	SW - 3 (5.5')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 143028 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10061-4	SW - 4 (5.5')	Total/NA	Solid	8015NM Prep	
MB 880-143028/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-143028/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-143028/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-10060-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-10060-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 143029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10061-5	SW - 5 (1.5'-4.5')	Total/NA	Solid	8015NM Prep	
890-10061-6	SW - 6 (1.5')	Total/NA	Solid	8015NM Prep	
890-10061-7	SW - 7 (1.5')	Total/NA	Solid	8015NM Prep	
890-10061-8	SW - 8 (1.5')	Total/NA	Solid	8015NM Prep	
890-10061-9	SW - 9 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-143029/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-143029/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-143029/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-10060-A-13-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-10060-A-13-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 143085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10061-1	SW - 1 (1.5'-5.5')	Total/NA	Solid	8015B NM	143028
890-10061-2	SW - 2 (5.5')	Total/NA	Solid	8015B NM	143028
890-10061-3	SW - 3 (5.5')	Total/NA	Solid	8015B NM	143028
890-10061-4	SW - 4 (5.5')	Total/NA	Solid	8015B NM	143028
MB 880-143028/1-A	Method Blank	Total/NA	Solid	8015B NM	143028
LCS 880-143028/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	143028
LCSD 880-143028/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	143028
890-10060-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	143028
890-10060-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	143028

Analysis Batch: 143088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10061-5	SW - 5 (1.5'-4.5')	Total/NA	Solid	8015B NM	143029
890-10061-6	SW - 6 (1.5')	Total/NA	Solid	8015B NM	143029
890-10061-7	SW - 7 (1.5')	Total/NA	Solid	8015B NM	143029
890-10061-8	SW - 8 (1.5')	Total/NA	Solid	8015B NM	143029
890-10061-9	SW - 9 (4.5')	Total/NA	Solid	8015B NM	143029
MB 880-143029/1-A	Method Blank	Total/NA	Solid	8015B NM	143029
LCS 880-143029/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	143029
LCSD 880-143029/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	143029
890-10060-A-13-C MS	Matrix Spike	Total/NA	Solid	8015B NM	143029
890-10060-A-13-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	143029

Analysis Batch: 143160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10061-1	SW - 1 (1.5'-5.5')	Total/NA	Solid	8015 NM	
890-10061-2	SW - 2 (5.5')	Total/NA	Solid	8015 NM	
890-10061-3	SW - 3 (5.5')	Total/NA	Solid	8015 NM	
890-10061-4	SW - 4 (5.5')	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 143160 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10061-5	SW - 5 (1.5'-4.5')	Total/NA	Solid	8015 NM	
890-10061-6	SW - 6 (1.5')	Total/NA	Solid	8015 NM	
890-10061-7	SW - 7 (1.5')	Total/NA	Solid	8015 NM	
890-10061-8	SW - 8 (1.5')	Total/NA	Solid	8015 NM	
890-10061-9	SW - 9 (4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 143042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10061-1	SW - 1 (1.5'-5.5')	Soluble	Solid	DI Leach	
890-10061-2	SW - 2 (5.5')	Soluble	Solid	DI Leach	
890-10061-3	SW - 3 (5.5')	Soluble	Solid	DI Leach	
890-10061-4	SW - 4 (5.5')	Soluble	Solid	DI Leach	
890-10061-5	SW - 5 (1.5'-4.5')	Soluble	Solid	DI Leach	
890-10061-6	SW - 6 (1.5')	Soluble	Solid	DI Leach	
890-10061-7	SW - 7 (1.5')	Soluble	Solid	DI Leach	
890-10061-8	SW - 8 (1.5')	Soluble	Solid	DI Leach	
890-10061-9	SW - 9 (4.5')	Soluble	Solid	DI Leach	
MB 880-143042/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-143042/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-143042/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-10060-A-21-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-10060-A-21-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 143064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10061-1	SW - 1 (1.5'-5.5')	Soluble	Solid	300.0	143042
890-10061-2	SW - 2 (5.5')	Soluble	Solid	300.0	143042
890-10061-3	SW - 3 (5.5')	Soluble	Solid	300.0	143042
890-10061-4	SW - 4 (5.5')	Soluble	Solid	300.0	143042
890-10061-5	SW - 5 (1.5'-4.5')	Soluble	Solid	300.0	143042
890-10061-6	SW - 6 (1.5')	Soluble	Solid	300.0	143042
890-10061-7	SW - 7 (1.5')	Soluble	Solid	300.0	143042
890-10061-8	SW - 8 (1.5')	Soluble	Solid	300.0	143042
890-10061-9	SW - 9 (4.5')	Soluble	Solid	300.0	143042
MB 880-143042/1-A	Method Blank	Soluble	Solid	300.0	143042
LCS 880-143042/2-A	Lab Control Sample	Soluble	Solid	300.0	143042
LCSD 880-143042/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	143042
890-10060-A-21-C MS	Matrix Spike	Soluble	Solid	300.0	143042
890-10060-A-21-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	143042

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Lab Chronicle

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

Client Sample ID: SW - 1 (1.5'-5.5')**Lab Sample ID: 890-10061-1****Date Collected: 06/09/26 12:40****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143103	06/10/26 10:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143068	06/10/26 12:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143154	06/10/26 12:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			143160	06/10/26 15:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	143028	06/09/26 16:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143085	06/10/26 15:20	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	143042	06/09/26 17:15	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143064	06/10/26 11:53	CS	EET MID

Client Sample ID: SW - 2 (5.5')**Lab Sample ID: 890-10061-2****Date Collected: 06/09/26 12:44****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143103	06/10/26 10:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143068	06/10/26 12:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143154	06/10/26 12:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			143160	06/10/26 15:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	143028	06/09/26 16:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143085	06/10/26 15:36	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	143042	06/09/26 17:15	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143064	06/10/26 11:58	CS	EET MID

Client Sample ID: SW - 3 (5.5')**Lab Sample ID: 890-10061-3****Date Collected: 06/09/26 12:48****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143103	06/10/26 10:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143068	06/10/26 13:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143154	06/10/26 13:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			143160	06/10/26 15:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	143028	06/09/26 16:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143085	06/10/26 15:52	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	143042	06/09/26 17:15	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143064	06/10/26 12:03	CS	EET MID

Client Sample ID: SW - 4 (5.5')**Lab Sample ID: 890-10061-4****Date Collected: 06/09/26 12:52****Matrix: Solid****Date Received: 06/09/26 14:34**

Prep 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	143103	06/10/26 10:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143068	06/10/26 13:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143154	06/10/26 13:30	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

Client Sample ID: SW - 4 (5.5')

Lab Sample ID: 890-10061-4

Date Collected: 06/09/26 12:52

Matrix: Solid

Date Received: 06/09/26 14:34

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			143160	06/10/26 16:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	143028	06/09/26 16:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143085	06/10/26 16:08	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	143042	06/09/26 17:15	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143064	06/10/26 12:07	CS	EET MID

Client Sample ID: SW - 5 (1.5'-4.5')

Lab Sample ID: 890-10061-5

Date Collected: 06/09/26 12:56

Matrix: Solid

Date Received: 06/09/26 14:34

Prep 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	143103	06/10/26 10:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143068	06/10/26 13:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143154	06/10/26 13:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			143160	06/10/26 15:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	143029	06/09/26 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143088	06/10/26 15:04	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	143042	06/09/26 17:15	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143064	06/10/26 12:21	CS	EET MID

Client Sample ID: SW - 6 (1.5')

Lab Sample ID: 890-10061-6

Date Collected: 06/09/26 13:00

Matrix: Solid

Date Received: 06/09/26 14:34

Prep 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	143103	06/10/26 10:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143068	06/10/26 14:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143154	06/10/26 14:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			143160	06/10/26 15:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	143029	06/09/26 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143088	06/10/26 15:20	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	143042	06/09/26 17:15	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143064	06/10/26 12:26	CS	EET MID

Client Sample ID: SW - 7 (1.5')

Lab Sample ID: 890-10061-7

Date Collected: 06/09/26 13:04

Matrix: Solid

Date Received: 06/09/26 14:34

Prep 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	143103	06/10/26 10:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143068	06/10/26 14:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143154	06/10/26 14:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			143160	06/10/26 15:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143029	06/09/26 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143088	06/10/26 15:36	FC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

Client Sample ID: SW - 7 (1.5')

Lab Sample ID: 890-10061-7

Date Collected: 06/09/26 13:04

Matrix: Solid

Date Received: 06/09/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	143042	06/09/26 17:15	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143064	06/10/26 12:31	CS	EET MID

Client Sample ID: SW - 8 (1.5')

Lab Sample ID: 890-10061-8

Date Collected: 06/09/26 13:08

Matrix: Solid

Date Received: 06/09/26 14:34

Prep 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	143103	06/10/26 10:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143068	06/10/26 14:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143154	06/10/26 14:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			143160	06/10/26 15:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	143029	06/09/26 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143088	06/10/26 15:52	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	143042	06/09/26 17:15	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143064	06/10/26 12:35	CS	EET MID

Client Sample ID: SW - 9 (4.5')

Lab Sample ID: 890-10061-9

Date Collected: 06/09/26 13:12

Matrix: Solid

Date Received: 06/09/26 14:34

Prep 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	143103	06/10/26 10:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143068	06/10/26 15:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143154	06/10/26 15:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			143160	06/10/26 16:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143029	06/09/26 16:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143088	06/10/26 16:08	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	143042	06/09/26 17:15	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143064	06/10/26 12:40	CS	EET MID

Laboratory References:

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10061-1
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 T104704400. 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: LEA FED EAST BT 20021

Job ID: 890-10061-1
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: LEA FED EAST BT 20021

Job ID: 890-10061-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-10061-1	SW - 1 (1.5'-5.5')	Solid	06/09/26 12:40	06/09/26 14:34	Texas
890-10061-2	SW - 2 (5.5')	Solid	06/09/26 12:44	06/09/26 14:34	Texas
890-10061-3	SW - 3 (5.5')	Solid	06/09/26 12:48	06/09/26 14:34	Texas
890-10061-4	SW - 4 (5.5')	Solid	06/09/26 12:52	06/09/26 14:34	Texas
890-10061-5	SW - 5 (1.5'-4.5')	Solid	06/09/26 12:56	06/09/26 14:34	Texas
890-10061-6	SW - 6 (1.5')	Solid	06/09/26 13:00	06/09/26 14:34	Texas
890-10061-7	SW - 7 (1.5')	Solid	06/09/26 13:04	06/09/26 14:34	Texas
890-10061-8	SW - 8 (1.5')	Solid	06/09/26 13:08	06/09/26 14:34	Texas
890-10061-9	SW - 9 (4.5')	Solid	06/09/26 13:12	06/09/26 14:34	Texas



Chain of Custody

Work Order No: _____

Page 1 of 1

Project Manager: Ashton Thielke		Bill to: (if different)		Laci Luig	
Company Name: Carmona Resources		Company Name:		Cimarex Energy	
Address: 310 W Wall St Ste 500		Address:		600 N Marientfield St, Suite 600	
City, State ZIP: Midland, TX 79701		City, State ZIP:		Midland, TX 79701	
Phone: 432-813-8988		Email: laci.luig@coterre.com & ashton.thielke@coterre.com			

Project Name: Lea Fed East BT20021		Turn Around		Pres. Code	
Project Number: 3140		☐ Routine ☒ Rush			
Project Location: Lea County, New Mexico		Due Date: 24 hr			
Sampler's Name: KR					

ANALYSIS REQUEST										Preservative Codes	
SAMPLE RECEIPT		Temp Blank:		Yes		No		Wet Ice:		None: NO	
Received Intact:		Yes		No		Thermometer ID:				Cool: Cool	
Cooler Custody Seals:		Yes		No		Correction Factor:				HCL: HC	
Sample Custody Seals:		Yes		No		Temperature Reading:				H ₂ SO ₄ : H ₂	
Total Containers:		Yes		No		Corrected Temperature:				H ₃ PO ₄ : HP	
SW-1 (1.5' - 5.5')		6/9/2026		12:40		X		X		NaHSO ₄ : NABIS	
SW-2 (5.5')		6/9/2026		12:44		X		X		Na ₂ S ₂ O ₃ : NaSO ₃	
SW-3 (5.5')		6/9/2026		12:48		X		X		Zn Acetate+NaOH: Zn	
SW-4 (5.5')		6/9/2026		12:52		X		X		NaOH+Ascorbic Acid: SAPC	
SW-5 (1.5' - 4.5')		6/9/2026		12:56		X		X			
SW-6 (1.5')		6/9/2026		1:00		X		X			
SW-7 (1.5')		6/9/2026		1:04		X		X			
SW-8 (1.5')		6/9/2026		1:08		X		X			
SW-9 (4.5')		6/9/2026		1:12		X		X			

Comments:

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
<i>[Signature]</i>		<i>[Signature]</i>		6/9/1434	

6/10/2026

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-10061-1

SDG Number: Lea County New Mexico

Login Number: 10061

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: 890-10061-1
SDG Number: Lea County New Mexico

Login Number: 10061

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 06/10/26 09:19 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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/11/2026 3:18:16 PM

JOB DESCRIPTION

Lea Fed East BT 20021
3140

JOB NUMBER

890-10071-1

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
6/11/2026 3:18:16 PM

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

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Laboratory Job ID: 890-10071-1
SDG: 3140

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

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
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: Lea Fed East BT 20021

Job ID: 890-10071-1

Job ID: 890-10071-1

Eurofins Carlsbad

Job Narrative
890-10071-1

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 6/10/2026 2:34 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW-10 (5.5) (890-10071-1), SW-11 (5.5) (890-10071-2), SW-12 (4.5) (890-10071-3) and SW-13 (4.5) (890-10071-4).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCS 880-143204/1-A). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-143202 and analytical batch 880-143195 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-12 (4.5) (890-10071-3) and SW-13 (4.5) (890-10071-4). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-11 (5.5) (890-10071-2). 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 samples were outside control limits: SW-10 (5.5) (890-10071-1), SW-11 (5.5) (890-10071-2), SW-12 (4.5) (890-10071-3), SW-13 (4.5) (890-10071-4), (880-73486-A-1-H MS) and (880-73486-A-1-I 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 sample was outside control limits: (MB 880-143167/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

Client Sample ID: SW-10 (5.5)

Lab Sample ID: 890-10071-1

Date Collected: 06/10/26 12:40

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/11/26 08:44	06/11/26 11:20	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		06/11/26 08:44	06/11/26 11:20	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		06/11/26 08:44	06/11/26 11:20	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		06/11/26 08:44	06/11/26 11:20	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		06/11/26 08:44	06/11/26 11:20	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		06/11/26 08:44	06/11/26 11:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/11/26 08:44	06/11/26 11:20	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/11/26 08:44	06/11/26 11:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/11/26 11:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1210		50.1		mg/Kg			06/11/26 12:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/10/26 17:22	06/11/26 12:18	1
Diesel Range Organics (Over C10-C28)	947		50.1		mg/Kg		06/10/26 17:22	06/11/26 12:18	1
Oil Range Organics (Over C28-C36)	259		50.1		mg/Kg		06/10/26 17:22	06/11/26 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	139	S1+	70 - 130	06/10/26 17:22	06/11/26 12:18	1
o-Terphenyl (Surr)	138	S1+	70 - 130	06/10/26 17:22	06/11/26 12:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	235		10.1		mg/Kg			06/11/26 09:14	1

Client Sample ID: SW-11 (5.5)

Lab Sample ID: 890-10071-2

Date Collected: 06/10/26 12:44

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.149		0.0199		mg/Kg		06/11/26 08:49	06/11/26 14:44	10
Toluene	<0.0199	U	0.0199		mg/Kg		06/11/26 08:49	06/11/26 14:44	10
Ethylbenzene	<0.0199	U	0.0199		mg/Kg		06/11/26 08:49	06/11/26 14:44	10
m-Xylene & p-Xylene	0.140		0.0398		mg/Kg		06/11/26 08:49	06/11/26 14:44	10
o-Xylene	2.45		0.0199		mg/Kg		06/11/26 08:49	06/11/26 14:44	10
Xylenes, Total	2.59		0.0398		mg/Kg		06/11/26 08:49	06/11/26 14:44	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130	06/11/26 08:49	06/11/26 14:44	10
1,4-Difluorobenzene (Surr)	86		70 - 130	06/11/26 08:49	06/11/26 14:44	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

Client Sample ID: SW-11 (5.5)

Lab Sample ID: 890-10071-2

Date Collected: 06/10/26 12:44

Matrix: Solid

Date Received: 06/10/26 14:34

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.74		0.0398		mg/Kg			06/11/26 14:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5040		50.1		mg/Kg			06/11/26 12:33	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		06/10/26 17:22	06/11/26 12:33	1
Diesel Range Organics (Over C10-C28)	4850		50.1		mg/Kg		06/10/26 17:22	06/11/26 12:33	1
Oil Range Organics (Over C28-C36)	194		50.1		mg/Kg		06/10/26 17:22	06/11/26 12:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	137	S1+	70 - 130				06/10/26 17:22	06/11/26 12:33	1
o-Terphenyl (Surr)	190	S1+	70 - 130				06/10/26 17:22	06/11/26 12:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.8		10.0		mg/Kg			06/11/26 09:29	1

Client Sample ID: SW-12 (4.5)

Lab Sample ID: 890-10071-3

Date Collected: 06/10/26 12:48

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/11/26 08:44	06/11/26 11:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/11/26 08:44	06/11/26 11:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/11/26 08:44	06/11/26 11:41	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/11/26 08:44	06/11/26 11:41	1
o-Xylene	0.0102		0.00202		mg/Kg		06/11/26 08:44	06/11/26 11:41	1
Xylenes, Total	0.0102		0.00404		mg/Kg		06/11/26 08:44	06/11/26 11:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	63	S1-	70 - 130				06/11/26 08:44	06/11/26 11:41	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/11/26 08:44	06/11/26 11:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0102		0.00404		mg/Kg			06/11/26 11:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5130		50.1		mg/Kg			06/11/26 12:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/10/26 17:22	06/11/26 12:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

Client Sample ID: SW-12 (4.5)

Lab Sample ID: 890-10071-3

Date Collected: 06/10/26 12:48

Matrix: Solid

Date Received: 06/10/26 14:34

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)	4930		50.1		mg/Kg		06/10/26 17:22	06/11/26 12:48	1
Oil Range Organics (Over C28-C36)	196		50.1		mg/Kg		06/10/26 17:22	06/11/26 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	149	S1+	70 - 130				06/10/26 17:22	06/11/26 12:48	1
o-Terphenyl (Surr)	237	S1+	70 - 130				06/10/26 17:22	06/11/26 12:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			06/11/26 09:34	1

Client Sample ID: SW-13 (4.5)

Lab Sample ID: 890-10071-4

Date Collected: 06/10/26 12:52

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00571		0.00199		mg/Kg		06/11/26 08:44	06/11/26 12:01	1
Toluene	0.00485		0.00199		mg/Kg		06/11/26 08:44	06/11/26 12:01	1
Ethylbenzene	0.0130		0.00199		mg/Kg		06/11/26 08:44	06/11/26 12:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/11/26 08:44	06/11/26 12:01	1
o-Xylene	0.00520		0.00199		mg/Kg		06/11/26 08:44	06/11/26 12:01	1
Xylenes, Total	0.00520		0.00398		mg/Kg		06/11/26 08:44	06/11/26 12:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130				06/11/26 08:44	06/11/26 12:01	1
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130				06/11/26 08:44	06/11/26 12:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0288		0.00398		mg/Kg			06/11/26 12:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3960		50.2		mg/Kg			06/11/26 13:04	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	<50.2	U	50.2		mg/Kg		06/10/26 17:22	06/11/26 13:04	1
Diesel Range Organics (Over C10-C28)	3750		50.2		mg/Kg		06/10/26 17:22	06/11/26 13:04	1
Oil Range Organics (Over C28-C36)	205		50.2		mg/Kg		06/10/26 17:22	06/11/26 13:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	143	S1+	70 - 130				06/10/26 17:22	06/11/26 13:04	1
o-Terphenyl (Surr)	217	S1+	70 - 130				06/10/26 17:22	06/11/26 13:04	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

Client Sample ID: SW-13 (4.5)
Date Collected: 06/10/26 12:52
Date Received: 06/10/26 14:34

Lab Sample ID: 890-10071-4
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.3		9.96		mg/Kg			06/11/26 09:39	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

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)				
880-73416-A-9-D MS	Matrix Spike	112	89				
880-73416-A-9-E MSD	Matrix Spike Duplicate	92	102				
890-10071-1	SW-10 (5.5)	103	94				
890-10071-1 MS	SW-10 (5.5)	99	106				
890-10071-1 MSD	SW-10 (5.5)	98	93				
890-10071-2	SW-11 (5.5)	144 S1+	86				
890-10071-3	SW-12 (4.5)	63 S1-	90				
890-10071-4	SW-13 (4.5)	73	136 S1+				
LCS 880-143202/1-A	Lab Control Sample	103	102				
LCS 880-143204/1-A	Lab Control Sample	103	146 S1+				
LCSD 880-143202/2-A	Lab Control Sample Dup	111	99				
LCSD 880-143204/2-A	Lab Control Sample Dup	91	102				
MB 880-143202/5-A	Method Blank	102	98				
MB 880-143204/5-A	Method Blank	102	86				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-73486-A-1-H MS	Matrix Spike	138 S1+	147 S1+				
880-73486-A-1-I MSD	Matrix Spike Duplicate	139 S1+	147 S1+				
890-10071-1	SW-10 (5.5)	139 S1+	138 S1+				
890-10071-2	SW-11 (5.5)	137 S1+	190 S1+				
890-10071-3	SW-12 (4.5)	149 S1+	237 S1+				
890-10071-4	SW-13 (4.5)	143 S1+	217 S1+				
LCS 880-143167/2-A	Lab Control Sample	104	112				
LCSD 880-143167/3-A	Lab Control Sample Dup	99	109				
MB 880-143167/1-A	Method Blank	129	131 S1+				
Surrogate Legend							
1CO = 1-Chlorooctane (Surr)							
OTPH = o-Terphenyl (Surr)							

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-143202/5-A

Matrix: Solid

Analysis Batch: 143195

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 143202

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/11/26 08:44	06/11/26 10:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/11/26 08:44	06/11/26 10:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/11/26 08:44	06/11/26 10:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/11/26 08:44	06/11/26 10:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/11/26 08:44	06/11/26 10:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/11/26 08:44	06/11/26 10:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/11/26 08:44	06/11/26 10:59	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/11/26 08:44	06/11/26 10:59	1

Lab Sample ID: LCS 880-143202/1-A

Matrix: Solid

Analysis Batch: 143195

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143202

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09359		mg/Kg		94	70 - 130
Toluene	0.100	0.08441		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.09549		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1945		mg/Kg		97	70 - 130
o-Xylene	0.100	0.09823		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-143202/2-A

Matrix: Solid

Analysis Batch: 143195

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143202

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09260		mg/Kg		93	70 - 130	1	35
Toluene	0.100	0.08573		mg/Kg		86	70 - 130	2	35
Ethylbenzene	0.100	0.09868		mg/Kg		99	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2031		mg/Kg		102	70 - 130	4	35
o-Xylene	0.100	0.1026		mg/Kg		103	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-10071-1 MS

Matrix: Solid

Analysis Batch: 143195

Client Sample ID: SW-10 (5.5)

Prep Type: Total/NA

Prep Batch: 143202

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09329		mg/Kg		93	70 - 130
Toluene	<0.00200	U F1	0.100	0.06838	F1	mg/Kg		68	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

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

Lab Sample ID: 890-10071-1 MS

Matrix: Solid

Analysis Batch: 143195

Client Sample ID: SW-10 (5.5)

Prep Type: Total/NA

Prep Batch: 143202

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.06309	F1	mg/Kg		63	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1254	F1	mg/Kg		63	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06020	F1	mg/Kg		60	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 890-10071-1 MSD

Matrix: Solid

Analysis Batch: 143195

Client Sample ID: SW-10 (5.5)

Prep Type: Total/NA

Prep Batch: 143202

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	0.08179		mg/Kg		82	70 - 130	13	35
Toluene	<0.00200	U F1	0.100	0.05678	F1	mg/Kg		57	70 - 130	19	35
Ethylbenzene	<0.00200	U F1	0.100	0.04952	F1	mg/Kg		50	70 - 130	24	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.09024	F1	mg/Kg		45	70 - 130	33	35
o-Xylene	<0.00200	U F1	0.100	0.04467	F1	mg/Kg		45	70 - 130	30	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-143204/5-A

Matrix: Solid

Analysis Batch: 143194

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 143204

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/11/26 08:49	06/11/26 10:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/11/26 08:49	06/11/26 10:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/11/26 08:49	06/11/26 10:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/11/26 08:49	06/11/26 10:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/11/26 08:49	06/11/26 10:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/11/26 08:49	06/11/26 10:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/11/26 08:49	06/11/26 10:59	1
1,4-Difluorobenzene (Surr)	86		70 - 130	06/11/26 08:49	06/11/26 10:59	1

Lab Sample ID: LCS 880-143204/1-A

Matrix: Solid

Analysis Batch: 143194

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143204

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1296		mg/Kg		130	70 - 130
Toluene	0.100	0.09934		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.08114		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	0.200	0.1989		mg/Kg		99	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

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

Lab Sample ID: LCS 880-143204/1-A

Matrix: Solid

Analysis Batch: 143194

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143204

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1072		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	146	S1+	70 - 130

Lab Sample ID: LCSD 880-143204/2-A

Matrix: Solid

Analysis Batch: 143194

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143204

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09972		mg/Kg		100	70 - 130	26	35
Toluene	0.100	0.09883		mg/Kg		99	70 - 130	1	35
Ethylbenzene	0.100	0.09087		mg/Kg		91	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.1785		mg/Kg		89	70 - 130	11	35
o-Xylene	0.100	0.09321		mg/Kg		93	70 - 130	14	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-73416-A-9-D MS

Matrix: Solid

Analysis Batch: 143194

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 143204

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1008		mg/Kg		101	70 - 130
Toluene	<0.00200	U	0.100	0.09875		mg/Kg		99	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09203		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1806		mg/Kg		90	70 - 130
o-Xylene	<0.00200	U	0.100	0.09706		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-73416-A-9-E MSD

Matrix: Solid

Analysis Batch: 143194

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 143204

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	0.08839		mg/Kg		88	70 - 130	13	35
Toluene	<0.00200	U	0.100	0.08567		mg/Kg		86	70 - 130	14	35
Ethylbenzene	<0.00200	U	0.100	0.08488		mg/Kg		85	70 - 130	8	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1642		mg/Kg		82	70 - 130	9	35
o-Xylene	<0.00200	U	0.100	0.08811		mg/Kg		88	70 - 130	10	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

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

Lab Sample ID: 880-73416-A-9-E MSD

Matrix: Solid

Analysis Batch: 143194

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 143204

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

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

Lab Sample ID: MB 880-143167/1-A

Matrix: Solid

Analysis Batch: 143261

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 143167

	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		06/10/26 17:22	06/11/26 08:14	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/26 17:22	06/11/26 08:14	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/26 17:22	06/11/26 08:14	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane (Surr)	129		70 - 130				06/10/26 17:22	06/11/26 08:14	1	
o-Terphenyl (Surr)	131	S1+	70 - 130				06/10/26 17:22	06/11/26 08:14	1	

Lab Sample ID: LCS 880-143167/2-A

Matrix: Solid

Analysis Batch: 143261

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143167

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	1016		mg/Kg		102	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	1112		mg/Kg		111	70 - 130			
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	104		70 - 130							
o-Terphenyl (Surr)	112		70 - 130							

Lab Sample ID: LCSD 880-143167/3-A

Matrix: Solid

Analysis Batch: 143261

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143167

	Spike	LCSD	LCSD				%Rec	RPD		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	960.4		mg/Kg		96	70 - 130	6	20	
Diesel Range Organics (Over C10-C28)	1000	1065		mg/Kg		107	70 - 130	4	20	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	99		70 - 130							
o-Terphenyl (Surr)	109		70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

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

Lab Sample ID: 880-73486-A-1-H MS

Matrix: Solid

Analysis Batch: 143261

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 143167

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1091		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1156		mg/Kg		116	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	138	S1+	70 - 130						
o-Terphenyl (Surr)	147	S1+	70 - 130						

Lab Sample ID: 880-73486-A-1-I MSD

Matrix: Solid

Analysis Batch: 143261

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 143167

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1094		mg/Kg		107	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1155		mg/Kg		116	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	139	S1+	70 - 130								
o-Terphenyl (Surr)	147	S1+	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-143193/1-A

Matrix: Solid

Analysis Batch: 143205

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			06/11/26 08:59	1

Lab Sample ID: LCS 880-143193/2-A

Matrix: Solid

Analysis Batch: 143205

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.6		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-143193/3-A

Matrix: Solid

Analysis Batch: 143205

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	248.5		mg/Kg		99	90 - 110	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-10071-1 MS

Matrix: Solid

Analysis Batch: 143205

Client Sample ID: SW-10 (5.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	235		252	486.2		mg/Kg		100	90 - 110

Lab Sample ID: 890-10071-1 MSD

Matrix: Solid

Analysis Batch: 143205

Client Sample ID: SW-10 (5.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	235		252	478.9		mg/Kg		97	90 - 110	2	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

GC VOA

Analysis Batch: 143194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10071-2	SW-11 (5.5)	Total/NA	Solid	8021B	143204
MB 880-143204/5-A	Method Blank	Total/NA	Solid	8021B	143204
LCS 880-143204/1-A	Lab Control Sample	Total/NA	Solid	8021B	143204
LCSD 880-143204/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	143204
880-73416-A-9-D MS	Matrix Spike	Total/NA	Solid	8021B	143204
880-73416-A-9-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	143204

Analysis Batch: 143195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10071-1	SW-10 (5.5)	Total/NA	Solid	8021B	143202
890-10071-3	SW-12 (4.5)	Total/NA	Solid	8021B	143202
890-10071-4	SW-13 (4.5)	Total/NA	Solid	8021B	143202
MB 880-143202/5-A	Method Blank	Total/NA	Solid	8021B	143202
LCS 880-143202/1-A	Lab Control Sample	Total/NA	Solid	8021B	143202
LCSD 880-143202/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	143202
890-10071-1 MS	SW-10 (5.5)	Total/NA	Solid	8021B	143202
890-10071-1 MSD	SW-10 (5.5)	Total/NA	Solid	8021B	143202

Prep Batch: 143202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10071-1	SW-10 (5.5)	Total/NA	Solid	5035	
890-10071-3	SW-12 (4.5)	Total/NA	Solid	5035	
890-10071-4	SW-13 (4.5)	Total/NA	Solid	5035	
MB 880-143202/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-143202/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-143202/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-10071-1 MS	SW-10 (5.5)	Total/NA	Solid	5035	
890-10071-1 MSD	SW-10 (5.5)	Total/NA	Solid	5035	

Prep Batch: 143204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10071-2	SW-11 (5.5)	Total/NA	Solid	5035	
MB 880-143204/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-143204/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-143204/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-73416-A-9-D MS	Matrix Spike	Total/NA	Solid	5035	
880-73416-A-9-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 143297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10071-1	SW-10 (5.5)	Total/NA	Solid	Total BTEX	
890-10071-2	SW-11 (5.5)	Total/NA	Solid	Total BTEX	
890-10071-3	SW-12 (4.5)	Total/NA	Solid	Total BTEX	
890-10071-4	SW-13 (4.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 143167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10071-1	SW-10 (5.5)	Total/NA	Solid	8015NM Prep	
890-10071-2	SW-11 (5.5)	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

GC Semi VOA (Continued)

Prep Batch: 143167 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10071-3	SW-12 (4.5)	Total/NA	Solid	8015NM Prep	
890-10071-4	SW-13 (4.5)	Total/NA	Solid	8015NM Prep	
MB 880-143167/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-143167/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-143167/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-73486-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-73486-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 143261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10071-1	SW-10 (5.5)	Total/NA	Solid	8015B NM	143167
890-10071-2	SW-11 (5.5)	Total/NA	Solid	8015B NM	143167
890-10071-3	SW-12 (4.5)	Total/NA	Solid	8015B NM	143167
890-10071-4	SW-13 (4.5)	Total/NA	Solid	8015B NM	143167
MB 880-143167/1-A	Method Blank	Total/NA	Solid	8015B NM	143167
LCS 880-143167/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	143167
LCSD 880-143167/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	143167
880-73486-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	143167
880-73486-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	143167

Analysis Batch: 143306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10071-1	SW-10 (5.5)	Total/NA	Solid	8015 NM	
890-10071-2	SW-11 (5.5)	Total/NA	Solid	8015 NM	
890-10071-3	SW-12 (4.5)	Total/NA	Solid	8015 NM	
890-10071-4	SW-13 (4.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 143193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10071-1	SW-10 (5.5)	Soluble	Solid	DI Leach	
890-10071-2	SW-11 (5.5)	Soluble	Solid	DI Leach	
890-10071-3	SW-12 (4.5)	Soluble	Solid	DI Leach	
890-10071-4	SW-13 (4.5)	Soluble	Solid	DI Leach	
MB 880-143193/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-143193/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-143193/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-10071-1 MS	SW-10 (5.5)	Soluble	Solid	DI Leach	
890-10071-1 MSD	SW-10 (5.5)	Soluble	Solid	DI Leach	

Analysis Batch: 143205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10071-1	SW-10 (5.5)	Soluble	Solid	300.0	143193
890-10071-2	SW-11 (5.5)	Soluble	Solid	300.0	143193
890-10071-3	SW-12 (4.5)	Soluble	Solid	300.0	143193
890-10071-4	SW-13 (4.5)	Soluble	Solid	300.0	143193
MB 880-143193/1-A	Method Blank	Soluble	Solid	300.0	143193
LCS 880-143193/2-A	Lab Control Sample	Soluble	Solid	300.0	143193
LCSD 880-143193/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	143193
890-10071-1 MS	SW-10 (5.5)	Soluble	Solid	300.0	143193

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

HPLC/IC (Continued)

Analysis Batch: 143205 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10071-1 MSD	SW-10 (5.5)	Soluble	Solid	300.0	143193

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Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

Client Sample ID: SW-10 (5.5)
Date Collected: 06/10/26 12:40
Date Received: 06/10/26 14:34

Lab Sample ID: 890-10071-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	143202	06/11/26 08:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143195	06/11/26 11:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143297	06/11/26 11:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			143306	06/11/26 12:18	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	143167	06/10/26 17:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143261	06/11/26 12:18	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	143193	06/11/26 07:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143205	06/11/26 09:14	CS	EET MID

Client Sample ID: SW-11 (5.5)
Date Collected: 06/10/26 12:44
Date Received: 06/10/26 14:34

Lab Sample ID: 890-10071-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	143204	06/11/26 08:49	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	143194	06/11/26 14:44	SA	EET MID
Total/NA	Analysis	Total BTEX		1			143297	06/11/26 14:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			143306	06/11/26 12:33	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	143167	06/10/26 17:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143261	06/11/26 12:33	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	143193	06/11/26 07:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143205	06/11/26 09:29	CS	EET MID

Client Sample ID: SW-12 (4.5)
Date Collected: 06/10/26 12:48
Date Received: 06/10/26 14:34

Lab Sample ID: 890-10071-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	143202	06/11/26 08:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143195	06/11/26 11:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143297	06/11/26 11:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			143306	06/11/26 12:48	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	143167	06/10/26 17:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143261	06/11/26 12:48	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	143193	06/11/26 07:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143205	06/11/26 09:34	CS	EET MID

Client Sample ID: SW-13 (4.5)
Date Collected: 06/10/26 12:52
Date Received: 06/10/26 14:34

Lab Sample ID: 890-10071-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	143202	06/11/26 08:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143195	06/11/26 12:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143297	06/11/26 12:01	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

Client Sample ID: SW-13 (4.5)
Date Collected: 06/10/26 12:52
Date Received: 06/10/26 14:34

Lab Sample ID: 890-10071-4
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			143306	06/11/26 13:04	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	143167	06/10/26 17:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143261	06/11/26 13:04	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	143193	06/11/26 07:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143205	06/11/26 09:39	CS	EET MID

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

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: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

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: Lea Fed East BT 20021

Job ID: 890-10071-1
SDG: 3140

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-10071-1	SW-10 (5.5)	Solid	06/10/26 12:40	06/10/26 14:34	Texas
890-10071-2	SW-11 (5.5)	Solid	06/10/26 12:44	06/10/26 14:34	Texas
890-10071-3	SW-12 (4.5)	Solid	06/10/26 12:48	06/10/26 14:34	Texas
890-10071-4	SW-13 (4.5)	Solid	06/10/26 12:52	06/10/26 14:34	Texas

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YOUNG



890-10071 Chain of Custody

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marlenfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coteria.com & ashton.thielke@coteria.com

Work Order Comments	
Program: ☐ ST/PT ☐ PRP ☐ Rowfields ☐ RC ☐ perfund	
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
			6/10 14:34

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-10071-1

SDG Number: 3140

Login Number: 10071

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: 890-10071-1

SDG Number: 3140

Login Number: 10071

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 06/11/26 06:19 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	



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

June 16, 2026

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: LEA FED EAST BT20021

Enclosed are the results of analyses for samples received by the laboratory on 06/15/26 13:52.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2026
 Reported: 06/16/2026
 Project Name: LEA FED EAST BT20021
 Project Number: 3140
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 06/10/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 15 (1.75') (H263410-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2026	ND	2.18	109	2.00	0.757	
Toluene*	<0.050	0.050	06/15/2026	ND	2.10	105	2.00	0.761	
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	2.02	101	2.00	0.719	
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.89	98.2	6.00	0.942	
Total BTX	<0.300	0.300	06/15/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/16/2026	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	202	101	200	3.45	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	187	93.4	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 69.2 % 47.1-117

Surrogate: 1-Chlorooctadecane 66.8 % 37.2-119

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2026
 Reported: 06/16/2026
 Project Name: LEA FED EAST BT20021
 Project Number: 3140
 Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 06/10/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 17 (1.75') (H263410-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2026	ND	2.18	109	2.00	0.757		
Toluene*	<0.050	0.050	06/15/2026	ND	2.10	105	2.00	0.761		
Ethylbenzene*	<0.050	0.050	06/15/2026	ND	2.02	101	2.00	0.719		
Total Xylenes*	<0.150	0.150	06/15/2026	ND	5.89	98.2	6.00	0.942		
Total BTEX	<0.300	0.300	06/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	06/16/2026	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2026	ND	202	101	200	3.45	
DRO >C10-C28*	<10.0	10.0	06/15/2026	ND	187	93.4	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	06/15/2026	ND					

Surrogate: 1-Chlorooctane 73.9 % 47.1-117

Surrogate: 1-Chlorooctadecane 71.2 % 37.2-119

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Work Order No: H-2863410

Work Order Comments					
Program:	UST/PST	☐ PRP	☐ Brownfields	☐ JRC	☐ Iperfund
State of Project:					
Reporting Level II	☐ Level III	☐ ST/UST	☐ RRP	☐ Level IV	☐
Deliverables:	EDD	☐	ADAPT	☐	Other:

[illegible]

Comments:

0402401 K

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time



10.15.84

Opinions



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/10/2026 4:52:57 PM

JOB DESCRIPTION

LEA FED EAST BT 20021
Lea County New Mexico

JOB NUMBER

890-10062-1

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



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6/10/2026 4:52:57 PM

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

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Laboratory Job ID: 890-10062-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10062-1
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.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: LEA FED EAST BT 20021

Job ID: 890-10062-1

Job ID: 890-10062-1

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Job Narrative 890-10062-1

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 6/9/2026 2:34 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 2.8°C.

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: BACKFILL (890-10062-1).

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 880-143028 and analytical batch 880-143085 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-143028 and analytical batch 880-143085 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.

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10062-1
SDG: Lea County New Mexico

Client Sample ID: BACKFILL

Lab Sample ID: 890-10062-1

Date Collected: 06/09/26 13:30

Matrix: Solid

Date Received: 06/09/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:33	06/10/26 12:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:33	06/10/26 12:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:33	06/10/26 12:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/10/26 10:33	06/10/26 12:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:33	06/10/26 12:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/10/26 10:33	06/10/26 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/10/26 10:33	06/10/26 12:51	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/10/26 10:33	06/10/26 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/10/26 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/10/26 16:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		06/09/26 16:00	06/10/26 16:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 16:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 16:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130	06/09/26 16:00	06/10/26 16:24	1
o-Terphenyl (Surr)	96		70 - 130	06/09/26 16:00	06/10/26 16:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	159		9.98		mg/Kg			06/10/26 12:44	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10062-1
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)
890-10062-1	BACKFILL	112	95
890-10062-1 MS	BACKFILL	101	109
890-10062-1 MSD	BACKFILL	109	104
LCS 880-143105/1-A	Lab Control Sample	94	107
LCSD 880-143105/2-A	Lab Control Sample Dup	97	107
MB 880-143105/5-A	Method Blank	106	97
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)
890-10060-A-1-B MS	Matrix Spike	84	99
890-10060-A-1-C MSD	Matrix Spike Duplicate	94	108
890-10062-1	BACKFILL	90	96
LCS 880-143028/2-A	Lab Control Sample	78	88
LCSD 880-143028/3-A	Lab Control Sample Dup	88	93
MB 880-143028/1-A	Method Blank	145 S1+	124
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10062-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-143105/5-A

Matrix: Solid

Analysis Batch: 143070

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 143105

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:33	06/10/26 12:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:33	06/10/26 12:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:33	06/10/26 12:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/26 10:33	06/10/26 12:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/26 10:33	06/10/26 12:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/26 10:33	06/10/26 12:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/10/26 10:33	06/10/26 12:29	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/10/26 10:33	06/10/26 12:29	1

Lab Sample ID: LCS 880-143105/1-A

Matrix: Solid

Analysis Batch: 143070

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143105

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1099		mg/Kg		110	70 - 130
Toluene	0.100	0.08964		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09406		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1896		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09384		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-143105/2-A

Matrix: Solid

Analysis Batch: 143070

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143105

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1117		mg/Kg		112	70 - 130	2	35
Toluene	0.100	0.09221		mg/Kg		92	70 - 130	3	35
Ethylbenzene	0.100	0.1006		mg/Kg		101	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2006		mg/Kg		100	70 - 130	6	35
o-Xylene	0.100	0.09949		mg/Kg		99	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 890-10062-1 MS

Matrix: Solid

Analysis Batch: 143070

Client Sample ID: BACKFILL

Prep Type: Total/NA

Prep Batch: 143105

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1030		mg/Kg		103	70 - 130
Toluene	<0.00200	U	0.100	0.08041		mg/Kg		80	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10062-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-10062-1 MS

Matrix: Solid

Analysis Batch: 143070

Client Sample ID: BACKFILL

Prep Type: Total/NA

Prep Batch: 143105

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08477		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1685		mg/Kg		82	70 - 130
o-Xylene	<0.00200	U	0.100	0.08350		mg/Kg		84	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 890-10062-1 MSD

Matrix: Solid

Analysis Batch: 143070

Client Sample ID: BACKFILL

Prep Type: Total/NA

Prep Batch: 143105

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	0.09822		mg/Kg		98	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.08387		mg/Kg		84	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.09178		mg/Kg		91	70 - 130	8	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1850		mg/Kg		91	70 - 130	9	35
o-Xylene	<0.00200	U	0.100	0.09151		mg/Kg		92	70 - 130	9	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

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

Lab Sample ID: MB 880-143028/1-A

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 143028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 08:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 08:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/26 16:00	06/10/26 08:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	145	S1+	70 - 130	06/09/26 16:00	06/10/26 08:24	1
o-Terphenyl (Surr)	124		70 - 130	06/09/26 16:00	06/10/26 08:24	1

Lab Sample ID: LCS 880-143028/2-A

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143028

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	760.2		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	1000	883.4		mg/Kg		88	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10062-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-143028/2-A

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143028

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	78		70 - 130
o-Terphenyl (Surr)	88		70 - 130

Lab Sample ID: LCSD 880-143028/3-A

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143028

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	935.5	*1	mg/Kg		94	70 - 130	21	20
Diesel Range Organics (Over C10-C28)	1000	957.8		mg/Kg		96	70 - 130	8	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	88		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: 890-10060-A-1-B MS

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 143028

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	1000	995.4		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	199		1000	1107		mg/Kg		91	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	84		70 - 130
o-Terphenyl (Surr)	99		70 - 130

Lab Sample ID: 890-10060-A-1-C MSD

Matrix: Solid

Analysis Batch: 143085

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 143028

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	1000	1112		mg/Kg		109	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	199		1000	1227		mg/Kg		103	70 - 130	10	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	108		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10062-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-143042/1-A

Matrix: Solid

Analysis Batch: 143064

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			06/10/26 11:26	1

Lab Sample ID: LCS 880-143042/2-A

Matrix: Solid

Analysis Batch: 143064

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	233.1		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-143042/3-A

Matrix: Solid

Analysis Batch: 143064

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	231.9		mg/Kg		93	90 - 110	1	20

Lab Sample ID: 890-10062-1 MS

Matrix: Solid

Analysis Batch: 143064

Client Sample ID: BACKFILL

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	159		250	413.3		mg/Kg		102	90 - 110

Lab Sample ID: 890-10062-1 MSD

Matrix: Solid

Analysis Batch: 143064

Client Sample ID: BACKFILL

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	159		250	412.2		mg/Kg		101	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10062-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 143070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10062-1	BACKFILL	Total/NA	Solid	8021B	143105
MB 880-143105/5-A	Method Blank	Total/NA	Solid	8021B	143105
LCS 880-143105/1-A	Lab Control Sample	Total/NA	Solid	8021B	143105
LCSD 880-143105/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	143105
890-10062-1 MS	BACKFILL	Total/NA	Solid	8021B	143105
890-10062-1 MSD	BACKFILL	Total/NA	Solid	8021B	143105

Prep Batch: 143105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10062-1	BACKFILL	Total/NA	Solid	5035	
MB 880-143105/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-143105/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-143105/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-10062-1 MS	BACKFILL	Total/NA	Solid	5035	
890-10062-1 MSD	BACKFILL	Total/NA	Solid	5035	

Analysis Batch: 143150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10062-1	BACKFILL	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 143028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10062-1	BACKFILL	Total/NA	Solid	8015NM Prep	
MB 880-143028/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-143028/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-143028/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-10060-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-10060-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 143085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10062-1	BACKFILL	Total/NA	Solid	8015B NM	143028
MB 880-143028/1-A	Method Blank	Total/NA	Solid	8015B NM	143028
LCS 880-143028/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	143028
LCSD 880-143028/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	143028
890-10060-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	143028
890-10060-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	143028

Analysis Batch: 143169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10062-1	BACKFILL	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 143042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10062-1	BACKFILL	Soluble	Solid	DI Leach	
MB 880-143042/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-143042/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-143042/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10062-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 143042 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10062-1 MS	BACKFILL	Soluble	Solid	DI Leach	
890-10062-1 MSD	BACKFILL	Soluble	Solid	DI Leach	

Analysis Batch: 143064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10062-1	BACKFILL	Soluble	Solid	300.0	143042
MB 880-143042/1-A	Method Blank	Soluble	Solid	300.0	143042
LCS 880-143042/2-A	Lab Control Sample	Soluble	Solid	300.0	143042
LCSD 880-143042/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	143042
890-10062-1 MS	BACKFILL	Soluble	Solid	300.0	143042
890-10062-1 MSD	BACKFILL	Soluble	Solid	300.0	143042

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA FED EAST BT 20021

Job ID: 890-10062-1
SDG: Lea County New Mexico

Client Sample ID: BACKFILL
Date Collected: 06/09/26 13:30
Date Received: 06/09/26 14:34

Lab Sample ID: 890-10062-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	143105	06/10/26 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143070	06/10/26 12:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143150	06/10/26 12:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			143169	06/10/26 16:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143028	06/09/26 16:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143085	06/10/26 16:24	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	143042	06/09/26 17:15	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143064	06/10/26 12:44	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: LEA FED EAST BT 20021

Job ID: 890-10062-1
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 T104704400. 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: LEA FED EAST BT 20021

Job ID: 890-10062-1
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: LEA FED EAST BT 20021

Job ID: 890-10062-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-10062-1	BACKFILL	Solid	06/09/26 13:30	06/09/26 14:34	Texas

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

Work Order No:

Page 1 of 1

Work Order Comments

Program: UST/PST ☐ PRP ☐ Crownfields ☐ RC ☐ Iperfund ☐

State of Project:

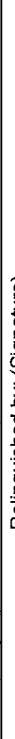
Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other: ☐

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marlenfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coteria.com & ashton.thielke@coteria.com

[illegible]

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			6/9 1439

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-10062-1

SDG Number: Lea County New Mexico

Login Number: 10062

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: 890-10062-1
SDG Number: Lea County New Mexico

Login Number: 10062

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 06/10/26 09:19 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	

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

QUESTIONS

Action 598274

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 598274
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2206348945
Incident Name	NAPP2206348945 {FAPP2135051899} LEA FED EAST BT20021 @ FAPP2135051899
Incident Type	Oil Release
Incident Status	Deferral Request Received
Incident Facility	[fAPP2135051899] LEA FED EAST BT20021

Location of Release Source

Please answer all the questions in this group.

Site Name	{FAPP2135051899} LEA FED EAST BT20021
Date Release Discovered	03/04/2022
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

Incident Type	Oil 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: Corrosion Production Tank Crude Oil Released: 258 BBL Recovered: 124 BBL Lost: 134 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	The spilled oil was contained inside the earthen berm around the production tanks at the battery and 124 bbls was recovered and returned to the other tanks onsite.

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QUESTIONS, Page 2

Action 598274

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 598274
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

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: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 06/23/2026
--	--

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QUESTIONS, Page 3

Action 598274

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 598274
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	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	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	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)	981
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	6760
GRO+DRO (EPA SW-846 Method 8015M)	6506
BTEX (EPA SW-846 Method 8021B or 8260B)	31.8
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	06/08/2026
On what date will (or did) the final sampling or liner inspection occur	06/10/2026
On what date will (or was) the remediation complete(d)	06/10/2026
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	4008
What is the estimated volume (in cubic yards) that will be remediated	620
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 598274

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 598274
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<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: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 06/23/2026
<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>	

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QUESTIONS, Page 5

Action 598274

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 598274
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	The tanks inside the battery and all the equipment would need to be removed.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	4922
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	1002
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	Not answered.
Enter the well API (30-) on which this deferral should be granted	30-025-36905 LEA FEDERAL UNIT #019
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<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: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 06/23/2026

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QUESTIONS, Page 6

Action 598274

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 598274
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	592501
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/10/2026
What was the (estimated) number of samples that were to be gathered	30
What was the sampling surface area in square feet	3781

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	No
--	----

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CONDITIONS

Action 598274

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 598274
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
nvez	Deferral is approved. Remediation Due date will be left open until the site has been plugged and abandoned or a major facility deconstruction takes place.	7/8/2026