



SITE INFORMATION

Closure Report
Lea South Tank Battery (12.07.2020)
Incident ID: nAPP2035647738
Lea County, New Mexico
Unit G, Sec 24, T20S, R34E
32.560443°, -103.511642°

Crude Oil/Natural Gas Release
Point of Release: Top of Gasket on Heater Treater Blew Out
Release Date: 12.07.2020
Volume Released: 5 Barrels of Crude Oil and 250 MCF of Natural Gas
Volume Recovered: 0 Barrels of Crude Oil and 0 MCF of Natural Gas

CARMONA RESOURCES



Prepared for:
Coterra Energy Operating Co.
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May 11, 2026

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

Re: **Closure Report**
Lea South Tank Battery (12.07.2020)
Incident ID: nAPP2035647738
Coterra Energy Operating Co.
Site Location: Unit G, S24, T20S, R34E
32.560443°, -103.511642°
Lea County, New Mexico

To whom it may concern:

At the request of Coterra Energy Operating Co. (Coterra) Carmona Resources LLC, has prepared this letter to document the site assessment and confirmation sampling conducted at the Lea South Tank Battery (12.07.2020), located at 32.560443°, -103.511642° within Unit G, S24, T20S, R34E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on December 7, 2020, due to the top of the gasket on the heater treater blowing out. The incident resulted in the release of five (5) barrels of crude oil and two hundred and fifty (250) MCF of Natural Gas, with zero (0) barrels recovered. The area affected by the release is approximately 9,820 square feet. See 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 active water wells within a 0.50-mile radius of the location. The nearest Groundwater Determination Bore (GWDB) is located approximately 0.24 miles Southeast of the site in S24, T20S, 34E, and was drilled in 2025. The GWDB was drilled to a depth of 105 feet below ground surface (ft bgs) with no evidence of groundwater detected. A copy of the well log is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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



4.0 Site Assessment Activities

In the Spring of 2025, Coterra Energy Operating acquired the well and tank battery associated with this release from Avant Operating, LLC and took over incident management. Unfortunately, no documented remediation work was found during the transition period.

Initial Assessment

On April 13, 2026, Carmona Resources personnel performed site assessment activities via hand auger to evaluate soil impacts stemming from the release. A total of six (6) sample points (S-1 through S-6) and eight (8) horizontal samples (H-1 through H-8) were installed to total depths ranging from surface to 5.0 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 into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas in accordance with established chain-of-custody protocols. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA method 8021B, and Chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

All site assessment samples were below the regulatory requirements for TPH, BTEX, and Chlorides. Refer to Table 1. The site assessment sample locations are shown in Figure 3.

5.0 Confirmation Sampling Activities

On April 29, 2026, Carmona Resources personnel were onsite to collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on April 24, 2026, per Subsection D of 19.15.29.12 NMAC, see Appendix C. A total of fifty (50) confirmation surface samples (CS-1 through CS-50) were collected every 200 square feet to verify soil from the surface of the location did not exceed remediation requirements per 19.15.29.12 NMAC. Composite confirmation sidewall samples were not collected due no excavation taking place, but horizontal samples from the site assessment on April 13, 2026, will be utilized to horizontally define the release area. For chemical analysis, the soil samples were collected and placed into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas in accordance with established chain-of-custody protocols. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA method 8021B, and Chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and Chlorides. Refer to Table 2. The confirmation sample locations are shown in Figure 4.

Once all facility equipment has been removed, the entire well pad will be reclaimed per NMAC 19.15.29.13.



6.0 Conclusions

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

Sincerely,
Carmona Resources, LLC

Ashton Thielke
Director of Operations

Gilbert Priego Jr
Project Manager

FIGURES

CARMONA RESOURCES

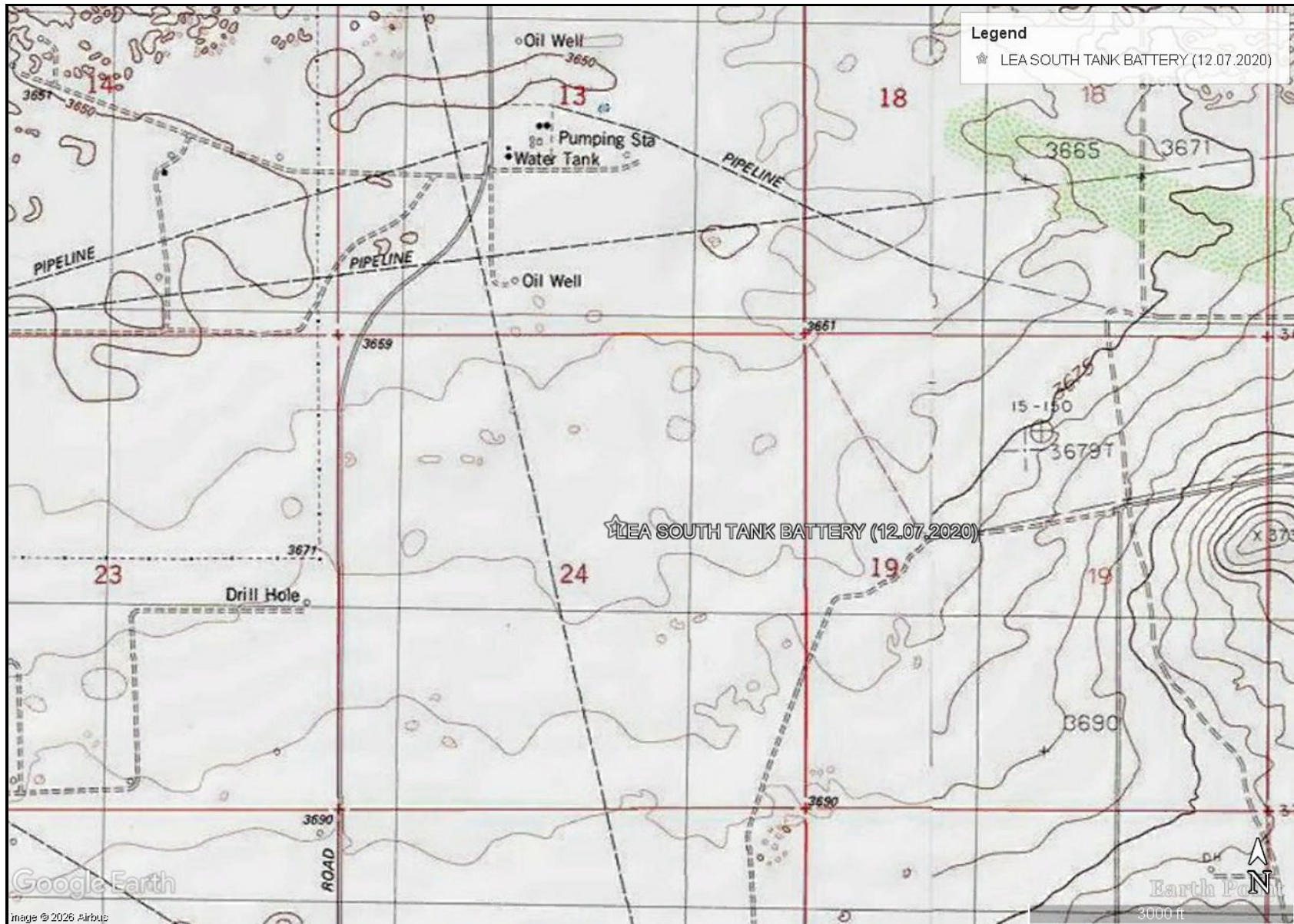




OVERVIEW MAP
COTERRA ENERGY OPERATING CO.
LEA SOUTH TANK BATTERY (12.07.2020)
LEA COUNTY, NEW MEXICO
32.560443°, -103.511642°



FIGURE 1




TOPOGRAPHIC MAP
 COTERRA ENERGY OPERATING CO.
 LEA SOUTH TANK BATTERY (12.07.2020)
 LEA COUNTY, NEW MEXICO
 32.560443°, -103.511642°



FIGURE 2




<p>SITE ASSESSMENT MAP COTERRA ENERGY OPERATING CO. LEA SOUTH TANK BATTERY (12.07.2020) LEA COUNTY, NEW MEXICO 32.560443°, -103.511642°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 3</p>
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Google Earth

Image © 2026 Airbus

80 ft

<p>CONFIRMATION SAMPLING MAP COTERRA ENERGY OPERATING CO. LEA SOUTH TANK BATTERY (12.07.2020) LEA COUNTY, NEW MEXICO 32.560443°, -103.511642°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4</p>
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APPENDIX A

CARMONA RESOURCES



Table 1
Coterra Energy Operating Co.
Lea South Tank Battery (12.07.2020)
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						
S-1	4/13/2026	0-1.0'	<50.2	120	<50.2	120	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,150
	"	1.5'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	80.9
	"	2.0'	<50.3	<50.3	<50.3	<50.3	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	45.9
	"	3.0'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	66.8
	"	4.0'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	67.5
"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	282	
S-2	4/13/2026	0-1.0'	<49.9	68.6	<49.9	68.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	177
	"	1.5'	<50.0	63.2	<50.0	63.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	61.3
	"	2.0'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	35.7
	"	3.0'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	27.0
	"	4.0'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	39.2
"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	83.2	
S-3	4/13/2026	0-1.0'	79.5	<50.1	<50.1	79.5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	223
	"	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	138
	"	2.0'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	29.3
	"	3.0'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	177
	"	4.0'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	398
"	5.0'	84.1	<50.1	<50.1	84.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	719	
S-4	4/13/2026	0-1.0'	<50.0	79.4	<50.0	79.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,220
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,980
	"	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,500
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	2,330
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,160
"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,420	
S-5	4/13/2026	0-1.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	134
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	21.4
	"	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	29.1
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	58.8
	"	4.0'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	84.1
"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	202	
S-6	4/13/2026	0-1.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	859
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	469
	"	2.0'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	71.1
	"	3.0'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	38.8
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	20.1
"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	25.5	
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg			50 mg/kg	20,000 mg/kg	

^A - Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(S) - Sample Point

Table 1
Coterra Energy Operating Co.
Lea South Tank Battery (12.07.2020)
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						
H-1	4/13/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	93.6
H-2	4/13/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.1
H-3	4/13/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.96
H-4	4/13/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.92
H-5	4/13/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	343
H-6	4/13/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	15.0
H-7	4/13/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.94
H-8	4/13/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	0.00229	<0.00198	<0.00396	<0.00396	<9.92
<i>Regulatory Criteria^A</i>						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

^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 South Tank Battery (12.07.2020)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	4/29/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,690
CS-2	4/29/2026	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,810
CS-3	4/29/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	3,050
CS-4	4/29/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,060
CS-5	4/29/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,800
CS-6	4/29/2026	0.5'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,900
CS-7	4/29/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,270
CS-8	4/29/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,280
CS-9	4/29/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,660
CS-10	4/29/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,140
CS-11	4/29/2026	0.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,290
CS-12	4/29/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,570
CS-13	4/29/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,730
CS-14	4/29/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,720
CS-15	4/29/2026	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,200
CS-16	4/29/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,100
CS-17	4/29/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,200
CS-18	4/29/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	4,820
CS-19	4/29/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,820
CS-20	4/29/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	3,860
CS-21	4/29/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4,190
CS-22	4/29/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,430
CS-23	4/29/2026	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	4,930
CS-24	4/29/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,690
CS-25	4/29/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,790
Regulatory Criteria^A			1,000 mg/kg		2,500 mg/kg		10 mg/kg			50 mg/kg	20,000 mg/kg	

^A - Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) - Confirmation Sample

Table 2
Coterra Energy Operating Co.
Lea South Tank Battery (12.07.2020)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-26	4/29/2026	0.5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,350
CS-27	4/29/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,140
CS-28	4/29/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,350
CS-29	4/29/2026	0.5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,780
CS-30	4/29/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,700
CS-31	4/29/2026	0.5'	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,190
CS-32	4/29/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,530
CS-33	4/29/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,140
CS-34	4/29/2026	0.5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,410
CS-35	4/29/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,340
CS-36	4/29/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,540
CS-37	4/29/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,410
CS-38	4/29/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,380
CS-39	4/29/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,640
CS-40	4/29/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,380
CS-41	4/29/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,060
CS-42	4/29/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,820
CS-43	4/29/2026	0.5'	<50.4	<50.4	<50.4	<50.4	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,420
CS-44	4/29/2026	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,740
CS-45	4/29/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,650
CS-46	4/29/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	825
CS-47	4/29/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,230
CS-48	4/29/2026	0.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,780
CS-49	4/29/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,310
CS-50	4/29/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,550
<i>Regulatory Criteria</i> ^A			1,000 mg/kg		2,500 mg/kg		10 mg/kg		50 mg/kg		20,000 mg/kg	

^A - Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) - Confirmation Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 1

Facility: Lea South Tank Battery
(12.07.2020)

County: Lea County, New Mexico

Description:
View South, area of CS-1 through CS-10.



Photograph No. 2

Facility: Lea South Tank Battery
(12.07.2020)

County: Lea County, New Mexico

Description:
View South, area of CS-1 through CS-10.

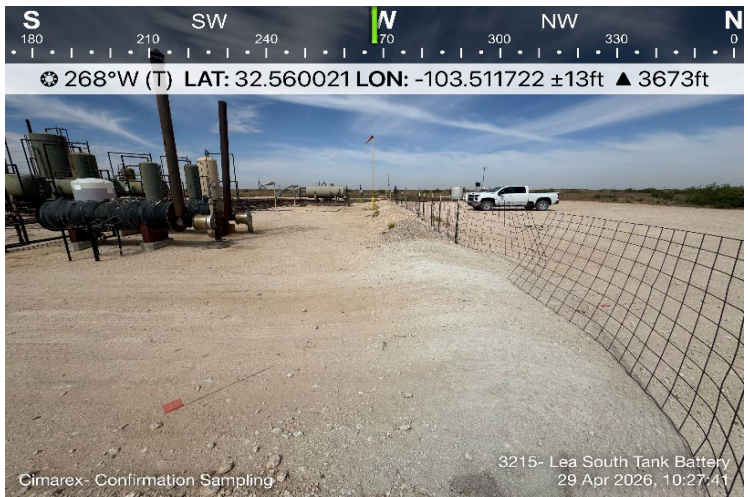


Photograph No. 3

Facility: Lea South Tank Battery
(12.07.2020)

County: Lea County, New Mexico

Description:
View West, area of CS-1 through CS-10.



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 4

Facility: Lea South Tank Battery
(12.07.2020)

County: Lea County, New Mexico

Description:
View South, area of CS-1 through CS-10.



Photograph No. 5

Facility: Lea South Tank Battery
(12.07.2020)

County: Lea County, New Mexico

Description:
View South, area of CS-1 through CS-10.



Photograph No. 6

Facility: Lea South Tank Battery
(12.07.2020)

County: Lea County, New Mexico

Description:
View North, area of CS-20 through CS-50.



PHOTOGRAPHIC LOG

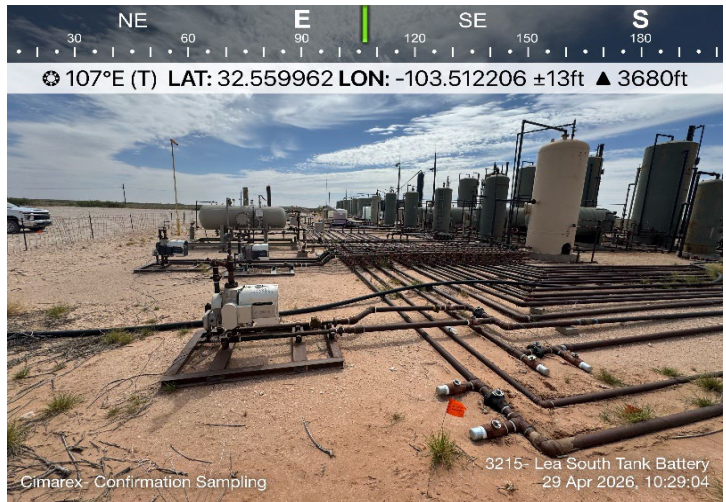
Coterra Energy Operating Co.

Photograph No. 7

Facility: Lea South Tank Battery
(12.07.2020)

County: Lea County, New Mexico

Description:
View East, area of CS-20 through CS-50.



Photograph No. 8

Facility: Lea South Tank Battery
(12.07.2020)

County: Lea County, New Mexico

Description:
View North, area of CS-20 through CS-50.



APPENDIX C

CARMONA RESOURCES



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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	nAPP2035647738
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Legacy Reserves, L.P.	OGRID 240974
Contact Name Brian Cunningham	Contact Telephone 432-234-9450
Contact email bcunningham@legacylp.com	Incident # (assigned by OCD)
Contact mailing address 303 West Wall Street, Suite 1300	

Location of Release Source

Latitude 32.560443 Longitude -103.511642
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Lea South Tank Battery	Site Type Battery
Date Release Discovered 12-7-2020	API# (if applicable) 30-025-29381 (Closest Well)

Unit Letter	Section	Township	Range	County
G	24	20S	34E	Lea

Surface Owner: State Federal Tribal Private (Name: S & S Inc.)

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 5	Volume Recovered (bbls) 0
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) 250	Volume Recovered (Mcf) 0
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Top of the gasket on heater treater blew out; the gas was ignited by the other on-site heater treaters.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2035647738
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Release resulted in a fire
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? No	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why: _____ _____ _____
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Brian Cunningham</u> Title: <u>Production Foreman</u> Signature: <u></u> Date: <u>12-17-20</u> email: <u>bcunningham@legacylp.com</u> Telephone: <u>432-234-9450</u>
OCD Only Received by: <u>Ramona Marcus</u> Date: <u>12/23/2020</u>

District I
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	nAPP2035647738
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Legacy Reserves, L.P.	OGRID 240974
Contact Name Brian Cunningham	Contact Telephone 432-234-9450
Contact email bcunningham@legacylp.com	Incident # (assigned by OCD)
Contact mailing address 303 West Wall Street, Suite 1300	

Location of Release Source

Latitude 32.560443 Longitude -103.511642
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Lea South Tank Battery	Site Type Battery
Date Release Discovered 12-7-2020	API# (if applicable) 30-025-29381 (Closest Well)

Unit Letter	Section	Township	Range	County
G	24	20S	34E	Lea

Surface Owner: State Federal Tribal Private (Name: S & S Inc.)

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 5	Volume Recovered (bbls) 0
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) 250	Volume Recovered (Mcf) 0
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Top of the gasket on heater treater blew out; the gas was ignited by the other on-site heater treaters.

Form C-141

State of New Mexico
Oil Conservation Division

Page 2

Incident ID	nAPP2035647738
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Release resulted in a fire
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? No	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why: _____ _____ _____
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Brian Cunningham</u> Title: <u>Production Foreman</u> Signature: <u></u> Date: <u>12-17-20</u> email: <u>bcunningham@legacylp.com</u> Telephone: <u>432-234-9450</u>
<u>OCD Only</u> Received by: _____ Date: _____

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 12817

CONDITIONS OF APPROVAL

Operator: LEGACY RESERVES OPERATING, LP Suite 1800 Midland, TX79701	303 W Wall	OGRID: 240974	Action Number: 12817	Action Type: C-141
OCD Reviewer rmarcus		Condition None		

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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 12805

QUESTIONS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 12805
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all of the questions in this group.</i>	
Site Name	Lea South Tank Battery
Date Release Discovered	12/07/2020
Surface Owner	Private

Incident Details	
<i>Please answer all of the questions in this group.</i>	
Incident Type	Natural Gas Release
Did this release result in a fire or is the result of a fire	Yes
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	Yes
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Fire Treating Tower Crude Oil Released: 5 BBL Recovered: 0 BBL Lost: 5 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	Cause: Equipment Failure Gasket [OBSOLETE] Natural Gas (Methane) Released: 250 Mcf Recovered: 0 Mcf Lost: 250 Mcf
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)	Top of the gasket on heater treater blew out; the gas was ignited by the other on-site heater treaters.
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this will be treated as 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	<ul style="list-style-type: none"> This release resulted in a fire or was the result of a fire This release substantially damaged or will substantially damage property or the environment
If YES, was immediate notice given to the OCD, by whom	Not answered.
If YES, was immediate notice given to the OCD, to whom	Not answered.
If YES, was immediate notice given to the OCD, when	Not answered.
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	Not answered.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response	
<i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i>	
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.
<i>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.</i>	

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

ACKNOWLEDGMENTS

Action 12805

ACKNOWLEDGMENTS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 12805
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a releases on behalf of my operator.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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 12805

CONDITIONS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 12805
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
marcus	None	12/21/2020

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 578758

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 578758
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2035647738
Incident Name	NAPP2035647738 LEA SOUTH TANK BATTERY @ 30-025-29381
Incident Type	Natural Gas Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-29381] LEA UNIT #013

Location of Release Source	
Site Name	LEA SOUTH TANK BATTERY
Date Release Discovered	12/07/2020
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	10,000
What is the estimated number of samples that will be gathered	70
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/29/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988
Please provide any information necessary for navigation to sampling site	Surface composite confirmation samples will be collected onsite.

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 578758

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 578758
	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.	4/24/2026
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.	4/24/2026

APPENDIX D






CARMONA RESOURCES

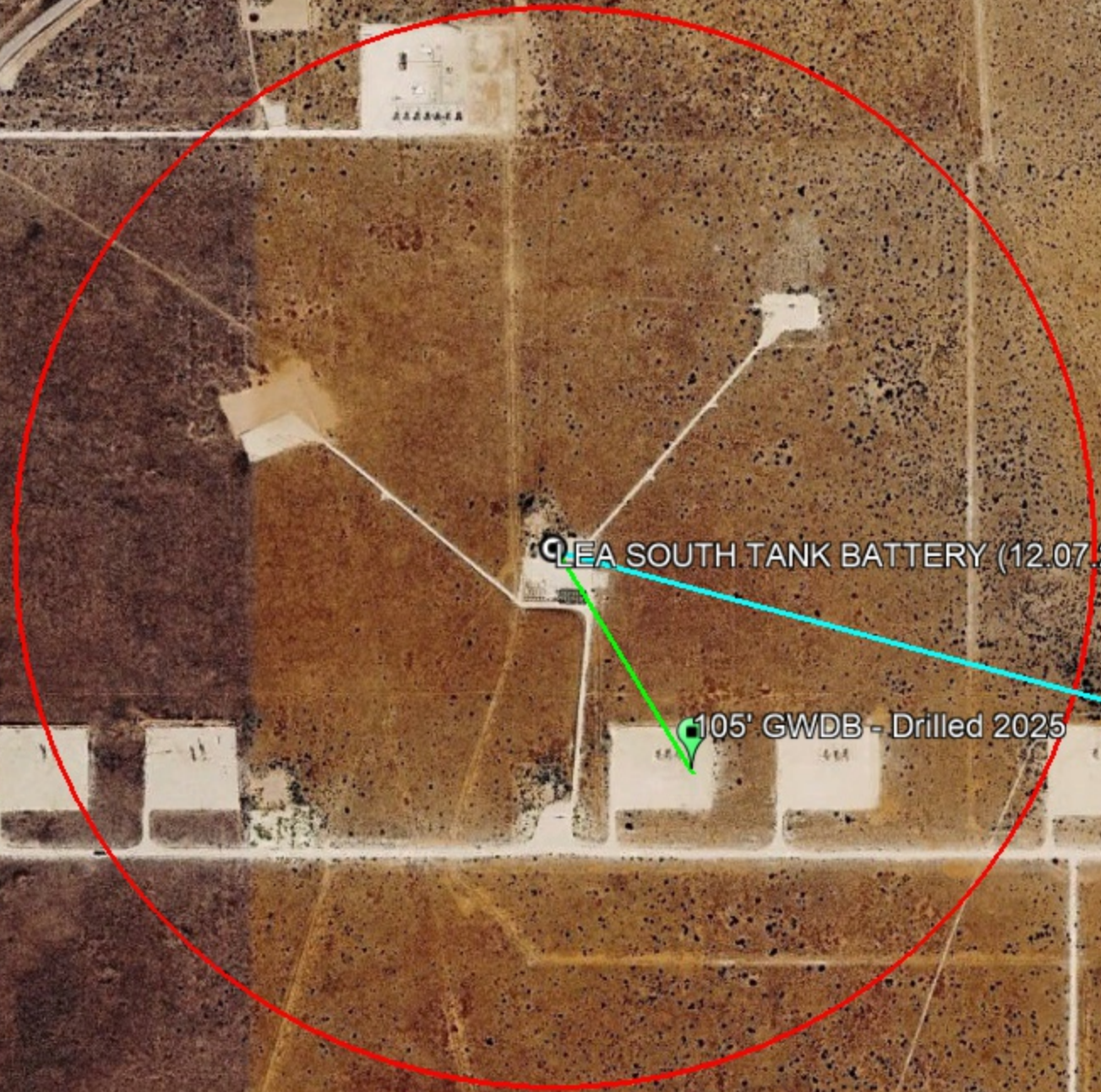


Nearest water well

Coterra Energy Operating Co.

Legend

-  0.24 Miles
-  0.50 Mile Radius
-  0.94 Miles
-  Groundwater Determination Bore
-  LEA SOUTH TANK BATTERY (12.07.2020)



LEA SOUTH TANK BATTERY (12.07.2020)

105' GWDB - Drilled 2025

105' GWDB - Drilled 2025



Low Karst

Coterra Energy Operating Co.

Legend

- LEA SOUTH TANK BATTERY (12.07.2020)
- Low



LEA SOUTH TANK BATTERY (12.07.2020)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
CP 02095 POD1		CP	LE	NE	NW	SE	24	20S	34E	639936.5	3603209.7	●	387	105		
CP 00665		CP	LE		NW	SE	24	20S	34E	639740.0	3603128.0 *	●	408	698	270	428
L 15987 POD1		L	LE	NW	NW	SE	19	20S	35E	641197.3	3603153.5	●	1518	105		
CP 01204 POD1		CP	LE	SW	NW	NW	25	20S	34E	638755.1	3602250.6	●	1612	370		
CP 02092 POD1		CP	LE	NE	NE	NW	13	20S	34E	639320.6	3605662.2	●	2164	60	52	8
CP 00654 POD1		CP	LE		SE	SE	12	20S	34E	640103.0	3605947.0 *	●	2439	60		
CP 00800 POD1		CP	LE	NE	NE	NE	22	20S	34E	637007.0	3603994.0 *	●	2759	220		
CP 00655 POD1		CP	LE		SW	NW	14	20S	34E	637294.0	3605108.0 *	●	2897	210		
CP 02083 POD1		CP	LE	SE	NW	NW	12	20S	34E	638959.6	3607049.5	●	3596	105		
CP 01334 POD1		CP	LE	NW	NE	SE	35	20S	34E	638402.3	3599879.5	●	3889	1253	733	520

Average Depth to Water: **351 feet**

Minimum Depth: **52 feet**

Maximum Depth: **733 feet**

Record Count: 10

UTM Filters (in meters):

Easting: 639728.18

Northing: 3603536.19

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-2095		
	WELL OWNER NAME(S) Coterra Energy Co.				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 840 Gessner Rd. Ste. 1400				CITY Houston	STATE TX	ZIP 77024-4152
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32		MINUTES 33	SECONDS 26.9	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE 103		30	34.1	* DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE S24 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 11-18-25		DRILLING ENDED 11-18-25	DEPTH OF COMPLETED WELL (FT) 105'		BORE HOLE DEPTH (FT) 105'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 11-25-25	
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	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'	105'	6'	No casing left in hole				


USE DII ROSWELL NM
4 DEC '25 PM 1:19

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

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)			
FILE NO.	CP-02095	POD NO.	1	TRN NO.	792166
LOCATION	20S. 34E. 24. 214	WELL TAG ID NO.		PAGE 1 OF 2	

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0'	10'	10'	Sand	Y ✓ N	
	10'	40'	30'	Sandy Caliche	Y ✓ N	
	40'	85'	45'	Sandy Brown Clay	Y ✓ N	
	85'	105'	20'	Red Clay	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
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					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input checked="" type="checkbox"/> OTHER – SPECIFY: DTGW Bore					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Depth to groundwater bore was gauged for water on 11-25-25. DTGW bore was dry. Temporary well casing was removed, bore hole was backfilled with drill cuttings to 10' BGS. Hydrated bentonite hole plug was poured from 10' BGS to surface.	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Nathan Smelcer	

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

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 09/22/2022)		
FILE NO. CP-02095	POD NO. 1	TRN NO. 792166			
LOCATION 205. 34E. 24. 214	WELL TAG ID NO. _____	PAGE 2 OF 2			

Elizabeth K. Anderson, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

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

Trn Nbr: 792166
File Nbr: CP 02095
Well File Nbr: CP 02095 POD1

Dec. 12, 2025

JAMES HAWLEY
H&R ENTERPRISES, LLC
P.O. BOX 3641
HOBBS, NM 88241

Greetings:

The above numbered permit was issued in your name on 10/08/2025.

The Well Record was received in this office on 12/04/2025, stating that it had been completed on 11/18/2025, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 10/08/2026.

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

Sincerely,

A handwritten signature in cursive script, appearing to read "Rodolfo Chavez".

Rodolfo Chavez
(575) 622-6521

drywell



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S). L-15987		
	WELL OWNER NAME(S) Coterra Energy Co.				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 840 Gessner Rd. Ste. 1400				CITY Houston	STATE ZIP TX 77024-4152	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 33	SECONDS 24.5	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE	103	29	45.8	W	* DATUM REQUIRED: WGS 84
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE S19 T20s R35e							

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) 105'	BORE HOLE DEPTH (FT) 105'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 11-25-25		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER – SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	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'	105'	6'	No casing left in hole				

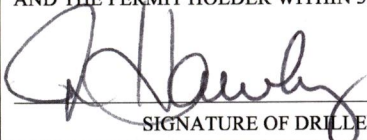
OSE DII ROSWELL NM
4 DEC '25 PM 1:16

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

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 09/22/2022)		
FILE NO. L-15987	POD NO. 1	TRN NO. 792154			
LOCATION 20S.35E.19.114	WELL TAG ID NO. —	PAGE 1 OF 2			

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO			Y	N	
	0'	10'	10'	Sand	Y	✓ N	
	10'	40'	30'	Sandy Caliche	Y	✓ N	
	40'	85'	45'	Sandy Brown Clay	Y	✓ N	
	85'	105'	20'	Red Clay	Y	✓ N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm):		
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input checked="" type="checkbox"/> OTHER - SPECIFY: DTGW Bore					0.00		

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	Depth to groundwater bore was gauged for water on 11-25-25. DTGW bore was dry. Temporary well casing was removed, bore hole was backfilled with drill cuttings to 10' BGS. Hydrated bentonite hole plug was poured from 10' BGS to surface.
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:	Nathan Smelcer

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	James Hawley DATE: 12-1-25

USE DII ROSWELL NM
4 DEC '25 PM 1:16

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 09/22/2022)		
FILE NO. L-15987	POD NO. 1	TRN NO. 792154			
LOCATION 206. 3SE. 19. 114	WELL TAG ID NO.	PAGE 2 OF 2			

Elizabeth K. Anderson, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

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

Trn Nbr: 792154
File Nbr: L 15987
Well File Nbr: L 15987 POD1

Dec. 12, 2025

JAMES HAWLEY
H&R ENTERPRISES, LLC
P.O. BOX 3641
HOBBS, NM 88241

Greetings:

The above numbered permit was issued in your name on 10/08/2025.

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Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 10/08/2026.

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

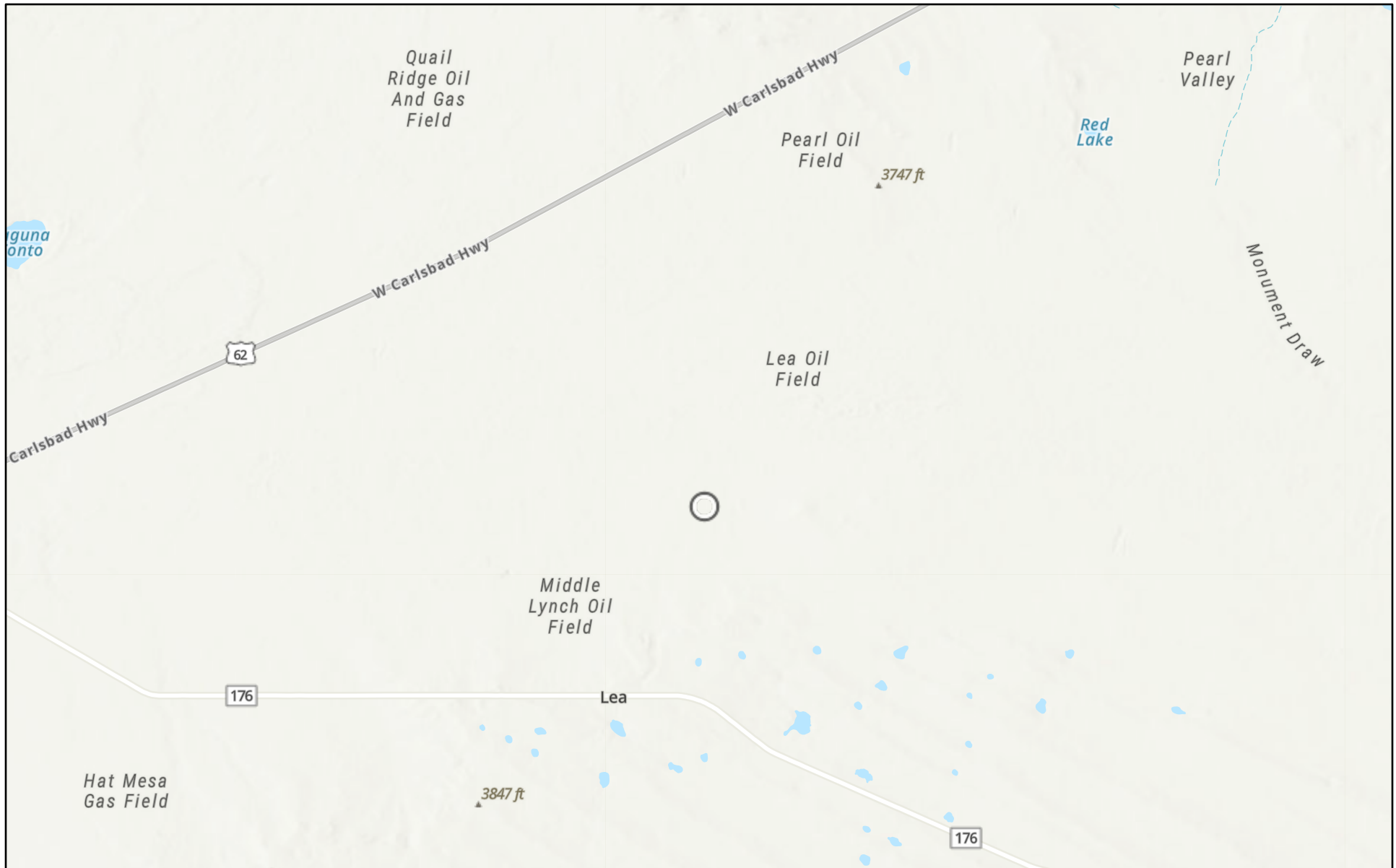
Sincerely,

A handwritten signature in black ink, appearing to read "Rodolfo Chavez".

Rodolfo Chavez
(575) 622-6521

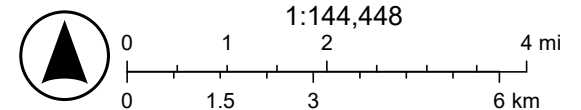
drywell

LEA SOUTH TANK BATTERY (12.07.2020)



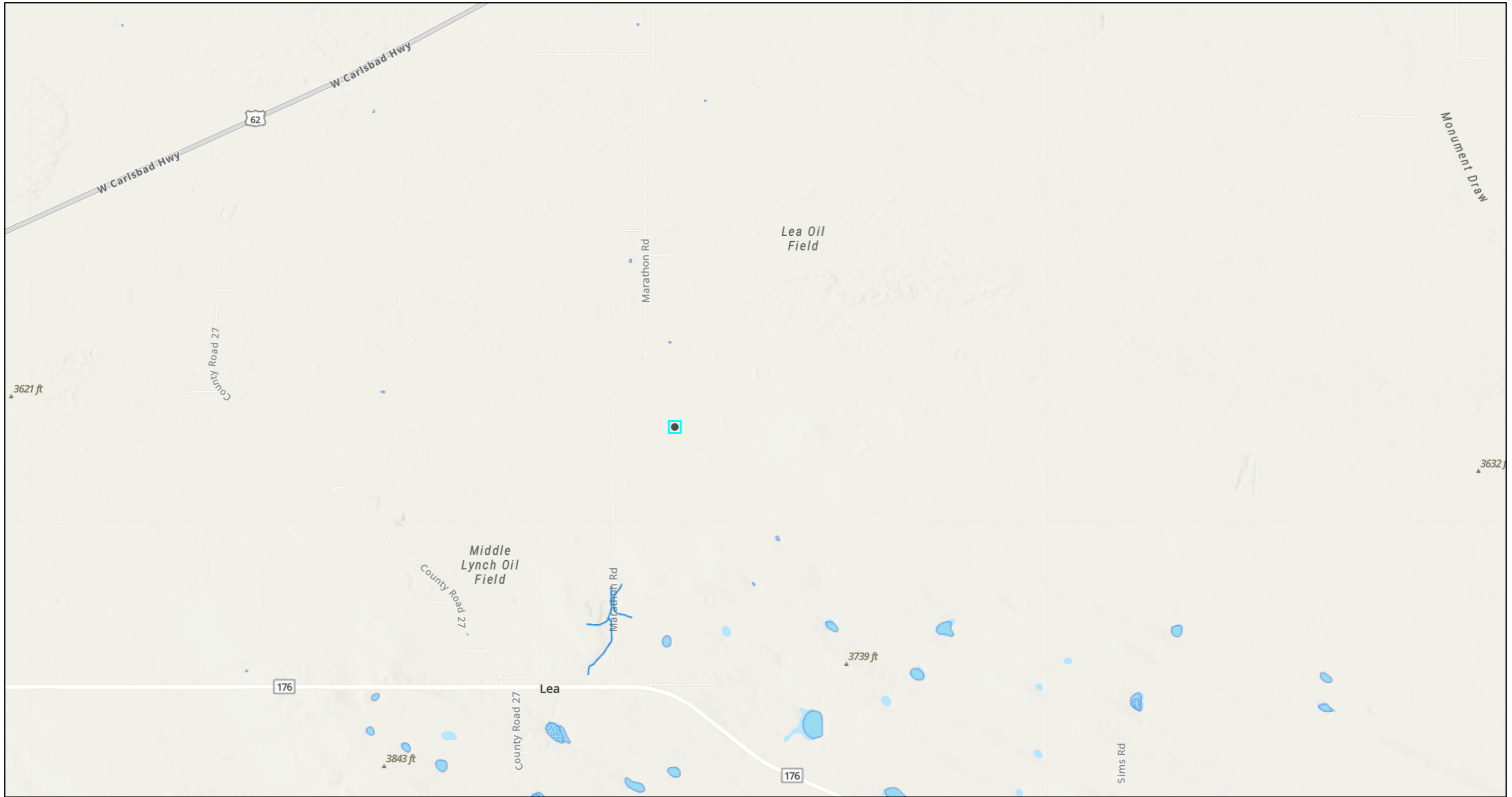
3/27/2026

World_Hillshade



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

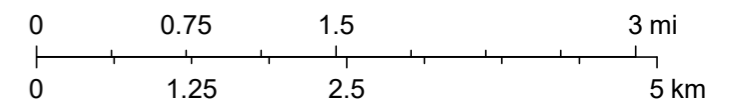
LEA SOUTH TANK BATTERY (12.07.2020)



3/27/2026, 2:34:07 PM

- OSW Water Bodies
- OSE Probable Playas
- OSE Streams

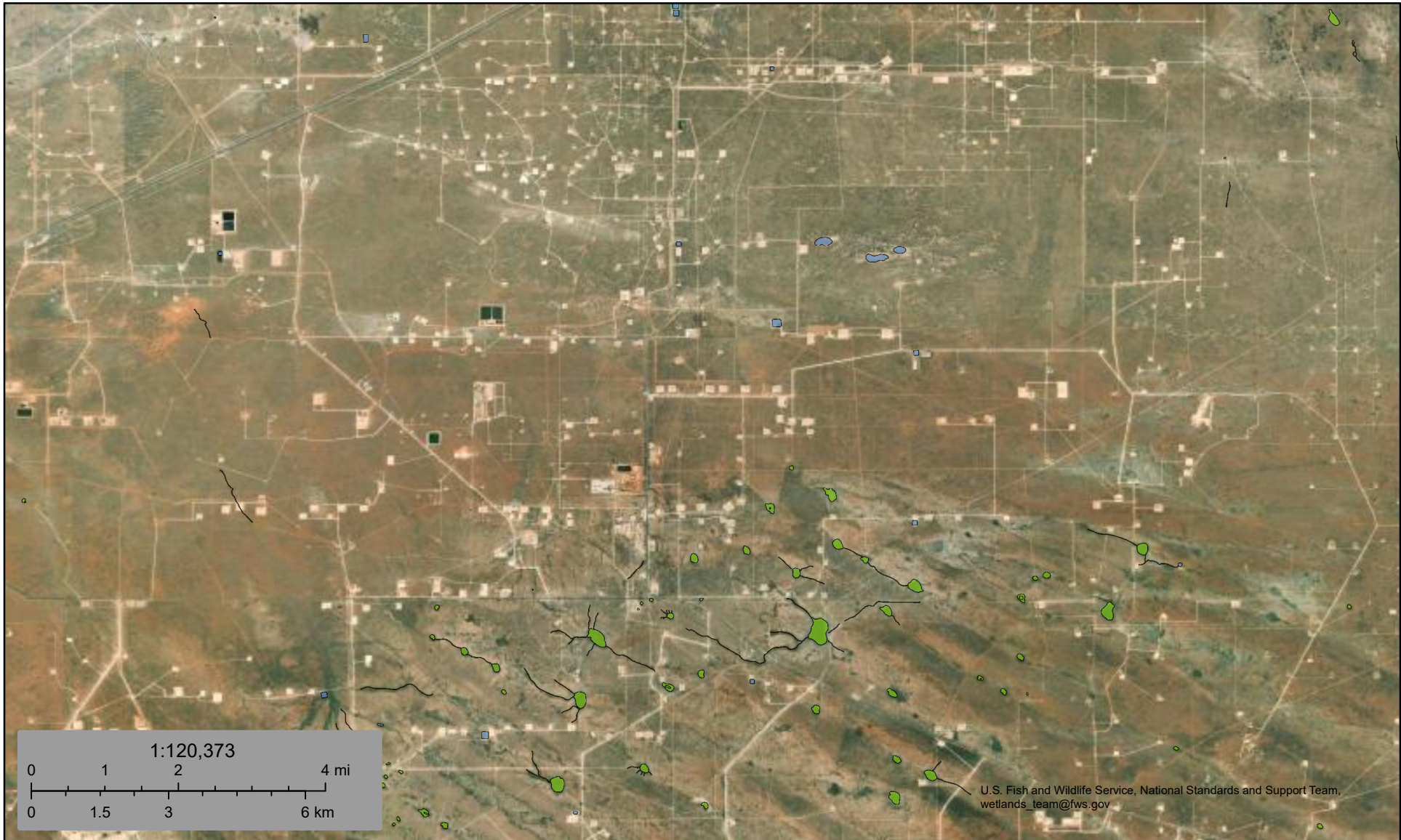
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NM OSE, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, NASA, NGA, USGS, FEMA



LEA SOUTH TANK BATTERY (12.07.2020)



March 27, 2026

Wetlands

- | | | |
|--------------------------------|-----------------------------------|----------|
| Estuarine and Marine Deepwater | Freshwater Emergent Wetland | Lake |
| Estuarine and Marine Wetland | Freshwater Forested/Shrub Wetland | Other |
| | Freshwater Pond | 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

Generated 4/22/2026 10:44:33 AM

JOB DESCRIPTION

Lea South Tank Battery (12.07.2020)
 Lea County New Mexico

JOB NUMBER

880-70862-1

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
4/22/2026 10:44:33 AM

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

Client: Carmona Resources
Project/Site: Lea South Tank Battery (12.07.2020)

Laboratory Job ID: 880-70862-1
SDG: Leea County New Mexico

Table of Contents

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
SDG: Leea County New Mexico

Qualifiers

GC VOA

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

HPLC/IC

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

Glossary

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

Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
SDG: Leea County New Mexico

Glossary (Continued)

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

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

Case Narrative

Client: Carmona Resources
Project: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1

Job ID: 880-70862-1

Eurofins Midland

Job Narrative 880-70862-1

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

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

Receipt

The samples were received on 4/13/2026 1:51 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 3.9°C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137862 and analytical batch 880-138148 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: S-4 (5') (880-70862-24), S-5 (0-1') (880-70862-25), S-5 (1.5') (880-70862-26), S-5 (4') (880-70862-29), S-6 (1.5') (880-70862-32), S-6 (2') (880-70862-33), S-6 (3') (880-70862-34), (CCV 880-138148/113) and (CCV 880-138148/64). 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 880-137856 and analytical batch 880-138204 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: LCS biased low for Ethylbenzene. Since only an acceptable LCS or LCSD is required per the method, the LCSD shows recovery for the batch therefore the data has been qualified and reported.

(LCS 880-137862/1-A)

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 880-137629/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-137629/2-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (880-70862-A-10-B MS) and (880-70862-A-10-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: S-2 (3') (880-70862-10), S-2 (4') (880-70862-11), S-2 (5') (880-70862-12), S-3 (0-1') (880-70862-13), S-3 (1.5') (880-70862-14), S-3 (2') (880-70862-15), S-3 (3') (880-70862-16), S-3 (4') (880-70862-17), S-3 (5') (880-70862-18), S-4 (0-1') (880-70862-19), S-4 (1.5') (880-70862-20), S-4 (2') (880-70862-21), S-4 (3') (880-70862-22), S-4 (4') (880-70862-23), S-4 (5') (880-70862-24), S-5 (0-1') (880-70862-25), S-5 (1.5') (880-70862-26), S-5 (2') (880-70862-27), S-5 (3') (880-70862-28) and S-5 (4') (880-70862-29). Evidence of matrix interferences is not obvious.

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Case Narrative

Client: Carmona Resources
Project: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1

Job ID: 880-70862-1 (Continued)

Eurofins Midland

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-137558/2-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 880-137629 and analytical batch 880-137818 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015B NM: The matrix spike (MS) recoveries for preparation batch 880-137629 and analytical batch 880-137818 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-137709/2-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-137709/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: S-5 (5') (880-70862-30), S-6 (0-1') (880-70862-31), S-6 (1.5') (880-70862-32), S-6 (2') (880-70862-33) and S-6 (3') (880-70862-34). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (880-70862-A-30-F MS) and (880-70862-A-30-G 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: S-6 (4') (880-70862-35) and S-6 (5') (880-70862-36). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137674 and analytical batch 880-137708 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137675 and analytical batch 880-137713 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 South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

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

Lab Sample ID: 880-70862-1

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 09:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 09:07	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		04/15/26 13:38	04/19/26 09:07	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		04/15/26 13:38	04/19/26 09:07	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		04/15/26 13:38	04/19/26 09:07	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		04/15/26 13:38	04/19/26 09:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	04/15/26 13:38	04/19/26 09:07	1
1,4-Difluorobenzene (Surr)	105		70 - 130	04/15/26 13:38	04/19/26 09:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/19/26 09:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	120		50.2		mg/Kg			04/16/26 05:51	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	<50.2	U	50.2		mg/Kg		04/13/26 12:09	04/16/26 05:51	1
Diesel Range Organics (Over C10-C28)	120		50.2		mg/Kg		04/13/26 12:09	04/16/26 05:51	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/13/26 12:09	04/16/26 05:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	121		70 - 130	04/13/26 12:09	04/16/26 05:51	1
o-Terphenyl (Surr)	109		70 - 130	04/13/26 12:09	04/16/26 05:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2150		49.6		mg/Kg			04/14/26 21:06	5

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-70862-2

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 09:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 09:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 09:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/15/26 13:38	04/19/26 09:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 09:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/15/26 13:38	04/19/26 09:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/15/26 13:38	04/19/26 09:27	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/15/26 13:38	04/19/26 09:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-70862-2

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/19/26 09:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/16/26 06:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/13/26 12:09	04/16/26 06:06	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/13/26 12:09	04/16/26 06:06	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/13/26 12:09	04/16/26 06:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130	04/13/26 12:09	04/16/26 06:06	1
o-Terphenyl (Surr)	110		70 - 130	04/13/26 12:09	04/16/26 06:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.9		10.1		mg/Kg			04/14/26 21:21	1

Client Sample ID: S-1 (2')

Lab Sample ID: 880-70862-3

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:38	04/19/26 09:48	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:38	04/19/26 09:48	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:38	04/19/26 09:48	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/15/26 13:38	04/19/26 09:48	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:38	04/19/26 09:48	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/15/26 13:38	04/19/26 09:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	04/15/26 13:38	04/19/26 09:48	1
1,4-Difluorobenzene (Surr)	87		70 - 130	04/15/26 13:38	04/19/26 09:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/19/26 09:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/16/26 06:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/13/26 12:09	04/16/26 06:23	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/13/26 12:09	04/16/26 06:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-1 (2')

Lab Sample ID: 880-70862-3

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/13/26 12:09	04/16/26 06:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130				04/13/26 12:09	04/16/26 06:23	1
o-Terphenyl (Surr)	110		70 - 130				04/13/26 12:09	04/16/26 06:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.9		9.92		mg/Kg			04/14/26 21:27	1

Client Sample ID: S-1 (3')

Lab Sample ID: 880-70862-4

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:38	04/19/26 10:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:38	04/19/26 10:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:38	04/19/26 10:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/15/26 13:38	04/19/26 10:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:38	04/19/26 10:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/15/26 13:38	04/19/26 10:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130				04/15/26 13:38	04/19/26 10:08	1
1,4-Difluorobenzene (Surr)	84		70 - 130				04/15/26 13:38	04/19/26 10:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/19/26 10:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/16/26 06:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/13/26 12:09	04/16/26 06:37	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/13/26 12:09	04/16/26 06:37	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/13/26 12:09	04/16/26 06:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130				04/13/26 12:09	04/16/26 06:37	1
o-Terphenyl (Surr)	116		70 - 130				04/13/26 12:09	04/16/26 06:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.8		10.0		mg/Kg			04/14/26 21:32	1

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-1 (4')

Lab Sample ID: 880-70862-5

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 10:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 10:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 10:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/15/26 13:38	04/19/26 10:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 10:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/15/26 13:38	04/19/26 10:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	04/15/26 13:38	04/19/26 10:29	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/15/26 13:38	04/19/26 10:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/19/26 10:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/16/26 06:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/13/26 12:09	04/16/26 06:53	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/13/26 12:09	04/16/26 06:53	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/13/26 12:09	04/16/26 06:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	129		70 - 130	04/13/26 12:09	04/16/26 06:53	1
o-Terphenyl (Surr)	120		70 - 130	04/13/26 12:09	04/16/26 06:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.5		9.94		mg/Kg			04/14/26 21:37	1

Client Sample ID: S-1 (5')

Lab Sample ID: 880-70862-6

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 10:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 10:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 10:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/15/26 13:38	04/19/26 10:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 10:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/15/26 13:38	04/19/26 10:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	04/15/26 13:38	04/19/26 10:49	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/15/26 13:38	04/19/26 10:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-1 (5')

Lab Sample ID: 880-70862-6

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/19/26 10:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/16/26 07:08	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		04/13/26 12:09	04/16/26 07:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/13/26 12:09	04/16/26 07:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/13/26 12:09	04/16/26 07:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130				04/13/26 12:09	04/16/26 07:08	1
o-Terphenyl (Surr)	113		70 - 130				04/13/26 12:09	04/16/26 07:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	282		9.98		mg/Kg			04/14/26 21:42	1

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

Lab Sample ID: 880-70862-7

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 11:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 11:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 11:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/15/26 13:38	04/19/26 11:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 11:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/15/26 13:38	04/19/26 11:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				04/15/26 13:38	04/19/26 11:10	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/15/26 13:38	04/19/26 11:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/19/26 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	68.6		49.9		mg/Kg			04/16/26 07:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/13/26 12:09	04/16/26 07:24	1
Diesel Range Organics (Over C10-C28)	68.6		49.9		mg/Kg		04/13/26 12:09	04/16/26 07:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

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

Lab Sample ID: 880-70862-7

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/13/26 12:09	04/16/26 07:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130				04/13/26 12:09	04/16/26 07:24	1
o-Terphenyl (Surr)	101		70 - 130				04/13/26 12:09	04/16/26 07:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	177		9.92		mg/Kg			04/14/26 21:47	1

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-70862-8

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:38	04/19/26 11:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:38	04/19/26 11:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:38	04/19/26 11:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/15/26 13:38	04/19/26 11:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:38	04/19/26 11:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/15/26 13:38	04/19/26 11:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				04/15/26 13:38	04/19/26 11:30	1
1,4-Difluorobenzene (Surr)	102		70 - 130				04/15/26 13:38	04/19/26 11:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/19/26 11:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	63.2		50.0		mg/Kg			04/16/26 07:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/13/26 12:09	04/16/26 07:39	1
Diesel Range Organics (Over C10-C28)	63.2		50.0		mg/Kg		04/13/26 12:09	04/16/26 07:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/13/26 12:09	04/16/26 07:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130				04/13/26 12:09	04/16/26 07:39	1
o-Terphenyl (Surr)	111		70 - 130				04/13/26 12:09	04/16/26 07:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.3		9.98		mg/Kg			04/14/26 21:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
SDG: Leea County New Mexico

Client Sample ID: S-2 (2')

Lab Sample ID: 880-70862-9

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 11:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 11:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 11:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/15/26 13:38	04/19/26 11:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 11:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/15/26 13:38	04/19/26 11:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	04/15/26 13:38	04/19/26 11:51	1
1,4-Difluorobenzene (Surr)	80		70 - 130	04/15/26 13:38	04/19/26 11:51	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			04/19/26 11:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/16/26 07:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/13/26 12:09	04/16/26 07:54	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/13/26 12:09	04/16/26 07:54	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/13/26 12:09	04/16/26 07:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130	04/13/26 12:09	04/16/26 07:54	1
o-Terphenyl (Surr)	108		70 - 130	04/13/26 12:09	04/16/26 07:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.7		10.0		mg/Kg			04/15/26 03:05	1

Client Sample ID: S-2 (3')

Lab Sample ID: 880-70862-10

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 12:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 12:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 12:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/15/26 13:38	04/19/26 12:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 12:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/15/26 13:38	04/19/26 12:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	04/15/26 13:38	04/19/26 12:11	1
1,4-Difluorobenzene (Surr)	83		70 - 130	04/15/26 13:38	04/19/26 12:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-2 (3')

Lab Sample ID: 880-70862-10

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/19/26 12:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/16/26 02:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U *1	50.1		mg/Kg		04/14/26 07:16	04/16/26 02:16	1
Diesel Range Organics (Over C10-C28)	<50.1	U F1	50.1		mg/Kg		04/14/26 07:16	04/16/26 02:16	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/14/26 07:16	04/16/26 02:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	142	S1+	70 - 130	04/14/26 07:16	04/16/26 02:16	1
o-Terphenyl (Surr)	195	S1+	70 - 130	04/14/26 07:16	04/16/26 02:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.0		10.0		mg/Kg			04/15/26 03:21	1

Client Sample ID: S-2 (4')

Lab Sample ID: 880-70862-11

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:38	04/19/26 13:45	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:38	04/19/26 13:45	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:38	04/19/26 13:45	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/15/26 13:38	04/19/26 13:45	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:38	04/19/26 13:45	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/15/26 13:38	04/19/26 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	04/15/26 13:38	04/19/26 13:45	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/15/26 13:38	04/19/26 13:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/19/26 13:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/16/26 03:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U *1	50.1		mg/Kg		04/14/26 07:16	04/16/26 03:01	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/14/26 07:16	04/16/26 03:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-2 (4')

Lab Sample ID: 880-70862-11

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/14/26 07:16	04/16/26 03:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	160	S1+	70 - 130				04/14/26 07:16	04/16/26 03:01	1
o-Terphenyl (Surr)	213	S1+	70 - 130				04/14/26 07:16	04/16/26 03:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.2		10.1		mg/Kg			04/15/26 09:00	1

Client Sample ID: S-2 (5')

Lab Sample ID: 880-70862-12

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:38	04/19/26 14:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:38	04/19/26 14:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:38	04/19/26 14:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/15/26 13:38	04/19/26 14:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:38	04/19/26 14:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/15/26 13:38	04/19/26 14:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				04/15/26 13:38	04/19/26 14:06	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/15/26 13:38	04/19/26 14:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/19/26 14:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/16/26 03:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		04/14/26 07:16	04/16/26 03:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 07:16	04/16/26 03:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 07:16	04/16/26 03:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	270	S1+	70 - 130				04/14/26 07:16	04/16/26 03:17	1
o-Terphenyl (Surr)	243	S1+	70 - 130				04/14/26 07:16	04/16/26 03:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.2		10.1		mg/Kg			04/15/26 03:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
SDG: Leea County New Mexico

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

Lab Sample ID: 880-70862-13

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 14:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 14:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 14:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/15/26 13:38	04/19/26 14:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 14:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/15/26 13:38	04/19/26 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/15/26 13:38	04/19/26 14:26	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/15/26 13:38	04/19/26 14:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/19/26 14:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	79.5		50.1		mg/Kg			04/16/26 03:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	79.5	*1	50.1		mg/Kg		04/14/26 07:16	04/16/26 03:32	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/14/26 07:16	04/16/26 03:32	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/14/26 07:16	04/16/26 03:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	231	S1+	70 - 130	04/14/26 07:16	04/16/26 03:32	1
o-Terphenyl (Surr)	149	S1+	70 - 130	04/14/26 07:16	04/16/26 03:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	223		9.92		mg/Kg			04/15/26 09:06	1

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-70862-14

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/15/26 13:38	04/19/26 14:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/15/26 13:38	04/19/26 14:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/15/26 13:38	04/19/26 14:47	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/15/26 13:38	04/19/26 14:47	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/15/26 13:38	04/19/26 14:47	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/15/26 13:38	04/19/26 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	04/15/26 13:38	04/19/26 14:47	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/15/26 13:38	04/19/26 14:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-70862-14

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/19/26 14:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/16/26 03:48	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 *1	50.1		mg/Kg		04/14/26 07:16	04/16/26 03:48	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/14/26 07:16	04/16/26 03:48	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/14/26 07:16	04/16/26 03:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	161	S1+	70 - 130				04/14/26 07:16	04/16/26 03:48	1
o-Terphenyl (Surr)	216	S1+	70 - 130				04/14/26 07:16	04/16/26 03:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		9.98		mg/Kg			04/15/26 03:44	1

Client Sample ID: S-3 (2')

Lab Sample ID: 880-70862-15

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 15:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 15:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 15:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/15/26 13:38	04/19/26 15:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 15:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/15/26 13:38	04/19/26 15:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130				04/15/26 13:38	04/19/26 15:07	1
1,4-Difluorobenzene (Surr)	110		70 - 130				04/15/26 13:38	04/19/26 15:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/19/26 15:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/16/26 04:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U *1	50.3		mg/Kg		04/14/26 07:16	04/16/26 04:03	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/14/26 07:16	04/16/26 04:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-3 (2')

Lab Sample ID: 880-70862-15

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/14/26 07:16	04/16/26 04:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	200	S1+	70 - 130				04/14/26 07:16	04/16/26 04:03	1
o-Terphenyl (Surr)	247	S1+	70 - 130				04/14/26 07:16	04/16/26 04:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.3		9.92		mg/Kg			04/15/26 03:49	1

Client Sample ID: S-3 (3')

Lab Sample ID: 880-70862-16

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 15:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 15:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 15:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/15/26 13:38	04/19/26 15:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 15:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/15/26 13:38	04/19/26 15:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				04/15/26 13:38	04/19/26 15:28	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/15/26 13:38	04/19/26 15:28	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			04/19/26 15:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/16/26 04:19	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	<50.2	U *1	50.2		mg/Kg		04/14/26 07:16	04/16/26 04:19	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/14/26 07:16	04/16/26 04:19	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/14/26 07:16	04/16/26 04:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	170	S1+	70 - 130				04/14/26 07:16	04/16/26 04:19	1
o-Terphenyl (Surr)	225	S1+	70 - 130				04/14/26 07:16	04/16/26 04:19	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			04/15/26 03:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-3 (4')

Lab Sample ID: 880-70862-17

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 15:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 15:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 15:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/15/26 13:38	04/19/26 15:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:38	04/19/26 15:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/15/26 13:38	04/19/26 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	04/15/26 13:38	04/19/26 15:48	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/15/26 13:38	04/19/26 15:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/19/26 15:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/16/26 04:34	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	<50.2	U*1	50.2		mg/Kg		04/14/26 07:16	04/16/26 04:34	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/14/26 07:16	04/16/26 04:34	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/14/26 07:16	04/16/26 04:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	151	S1+	70 - 130	04/14/26 07:16	04/16/26 04:34	1
o-Terphenyl (Surr)	205	S1+	70 - 130	04/14/26 07:16	04/16/26 04:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	398		9.94		mg/Kg			04/15/26 04:00	1

Client Sample ID: S-3 (5')

Lab Sample ID: 880-70862-18

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:38	04/19/26 16:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:38	04/19/26 16:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:38	04/19/26 16:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/15/26 13:38	04/19/26 16:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:38	04/19/26 16:08	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/15/26 13:38	04/19/26 16:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/15/26 13:38	04/19/26 16:08	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/15/26 13:38	04/19/26 16:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-3 (5')

Lab Sample ID: 880-70862-18

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/19/26 16:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	84.1		50.1		mg/Kg			04/16/26 04:50	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	84.1	*1	50.1		mg/Kg		04/14/26 07:16	04/16/26 04:50	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/14/26 07:16	04/16/26 04:50	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/14/26 07:16	04/16/26 04:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	238	S1+	70 - 130				04/14/26 07:16	04/16/26 04:50	1
o-Terphenyl (Surr)	153	S1+	70 - 130				04/14/26 07:16	04/16/26 04:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	719		10.0		mg/Kg			04/15/26 04:05	1

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

Lab Sample ID: 880-70862-19

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:38	04/19/26 16:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:38	04/19/26 16:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:38	04/19/26 16:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/15/26 13:38	04/19/26 16:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:38	04/19/26 16:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/15/26 13:38	04/19/26 16:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130				04/15/26 13:38	04/19/26 16:29	1
1,4-Difluorobenzene (Surr)	88		70 - 130				04/15/26 13:38	04/19/26 16:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/19/26 16:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	79.4		50.0		mg/Kg			04/16/26 05:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		04/14/26 07:16	04/16/26 05:05	1
Diesel Range Organics (Over C10-C28)	79.4		50.0		mg/Kg		04/14/26 07:16	04/16/26 05:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

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

Lab Sample ID: 880-70862-19

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 07:16	04/16/26 05:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	152	S1+	70 - 130				04/14/26 07:16	04/16/26 05:05	1
o-Terphenyl (Surr)	196	S1+	70 - 130				04/14/26 07:16	04/16/26 05:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5220	F1	99.0		mg/Kg			04/15/26 04:10	10

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-70862-20

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 16:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 16:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 16:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/15/26 13:38	04/19/26 16:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 16:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/15/26 13:38	04/19/26 16:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				04/15/26 13:38	04/19/26 16:49	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/15/26 13:38	04/19/26 16:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/19/26 16:49	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			04/16/26 05:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		04/14/26 07:16	04/16/26 05:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/26 07:16	04/16/26 05:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/26 07:16	04/16/26 05:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	308	S1+	70 - 130				04/14/26 07:16	04/16/26 05:36	1
o-Terphenyl (Surr)	302	S1+	70 - 130				04/14/26 07:16	04/16/26 05:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1980		49.6		mg/Kg			04/15/26 04:26	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-4 (2')

Lab Sample ID: 880-70862-21

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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		04/15/26 13:56	04/19/26 00:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 00:48	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		04/15/26 13:56	04/19/26 00:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/15/26 13:56	04/19/26 00:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 00:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/15/26 13:56	04/19/26 00:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/15/26 13:56	04/19/26 00:48	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/15/26 13:56	04/19/26 00:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/19/26 00:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/16/26 05:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		04/14/26 07:16	04/16/26 05:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 07:16	04/16/26 05:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 07:16	04/16/26 05:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	156	S1+	70 - 130	04/14/26 07:16	04/16/26 05:51	1
o-Terphenyl (Surr)	206	S1+	70 - 130	04/14/26 07:16	04/16/26 05:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2500		50.2		mg/Kg			04/15/26 04:31	5

Client Sample ID: S-4 (3')

Lab Sample ID: 880-70862-22

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:56	04/19/26 01:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:56	04/19/26 01:08	1
Ethylbenzene	<0.00202	U *- *1	0.00202		mg/Kg		04/15/26 13:56	04/19/26 01:08	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/15/26 13:56	04/19/26 01:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:56	04/19/26 01:08	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/15/26 13:56	04/19/26 01:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/15/26 13:56	04/19/26 01:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/15/26 13:56	04/19/26 01:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-4 (3')

Lab Sample ID: 880-70862-22

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/19/26 01:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/16/26 06:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		04/14/26 07:16	04/16/26 06:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 07:16	04/16/26 06:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 07:16	04/16/26 06:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	155	S1+	70 - 130	04/14/26 07:16	04/16/26 06:06	1
o-Terphenyl (Surr)	206	S1+	70 - 130	04/14/26 07:16	04/16/26 06:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2330		50.4		mg/Kg			04/15/26 04:47	5

Client Sample ID: S-4 (4')

Lab Sample ID: 880-70862-23

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:56	04/19/26 01:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:56	04/19/26 01:28	1
Ethylbenzene	<0.00199	U *1	0.00199		mg/Kg		04/15/26 13:56	04/19/26 01:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/15/26 13:56	04/19/26 01:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:56	04/19/26 01:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/15/26 13:56	04/19/26 01:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/15/26 13:56	04/19/26 01:28	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/15/26 13:56	04/19/26 01:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/19/26 01:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/16/26 06:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		04/14/26 07:16	04/16/26 06:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 07:16	04/16/26 06:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-4 (4')

Lab Sample ID: 880-70862-23

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 07:16	04/16/26 06:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	230	S1+	70 - 130				04/14/26 07:16	04/16/26 06:23	1
o-Terphenyl (Surr)	255	S1+	70 - 130				04/14/26 07:16	04/16/26 06:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3160		49.7		mg/Kg			04/15/26 04:52	5

Client Sample ID: S-4 (5')

Lab Sample ID: 880-70862-24

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 01:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 01:49	1
Ethylbenzene	<0.00200	U * - *1	0.00200		mg/Kg		04/15/26 13:56	04/19/26 01:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/15/26 13:56	04/19/26 01:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 01:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/15/26 13:56	04/19/26 01:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130				04/15/26 13:56	04/19/26 01:49	1
1,4-Difluorobenzene (Surr)	113		70 - 130				04/15/26 13:56	04/19/26 01:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/19/26 01:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/16/26 06:37	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 *1	50.0		mg/Kg		04/14/26 07:16	04/16/26 06:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 07:16	04/16/26 06:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 07:16	04/16/26 06:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	274	S1+	70 - 130				04/14/26 07:16	04/16/26 06:37	1
o-Terphenyl (Surr)	283	S1+	70 - 130				04/14/26 07:16	04/16/26 06:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3420		49.6		mg/Kg			04/15/26 04:57	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

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

Lab Sample ID: 880-70862-25

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:56	04/19/26 02:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:56	04/19/26 02:09	1
Ethylbenzene	<0.00201	U *- *1	0.00201		mg/Kg		04/15/26 13:56	04/19/26 02:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/15/26 13:56	04/19/26 02:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:56	04/19/26 02:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/15/26 13:56	04/19/26 02:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130	04/15/26 13:56	04/19/26 02:09	1
1,4-Difluorobenzene (Surr)	130		70 - 130	04/15/26 13:56	04/19/26 02:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/19/26 02:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/16/26 06:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		04/14/26 07:16	04/16/26 06:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/26 07:16	04/16/26 06:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/26 07:16	04/16/26 06:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	159	S1+	70 - 130	04/14/26 07:16	04/16/26 06:53	1
o-Terphenyl (Surr)	203	S1+	70 - 130	04/14/26 07:16	04/16/26 06:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		9.96		mg/Kg			04/15/26 05:02	1

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-70862-26

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:56	04/19/26 02:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:56	04/19/26 02:30	1
Ethylbenzene	<0.00202	U *- *1	0.00202		mg/Kg		04/15/26 13:56	04/19/26 02:30	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/15/26 13:56	04/19/26 02:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:56	04/19/26 02:30	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/15/26 13:56	04/19/26 02:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	04/15/26 13:56	04/19/26 02:30	1
1,4-Difluorobenzene (Surr)	110		70 - 130	04/15/26 13:56	04/19/26 02:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-70862-26

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/19/26 02:30	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			04/16/26 07:08	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 *1	50.0		mg/Kg		04/14/26 07:16	04/16/26 07:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 07:16	04/16/26 07:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 07:16	04/16/26 07:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	180	S1+	70 - 130	04/14/26 07:16	04/16/26 07:08	1
o-Terphenyl (Surr)	231	S1+	70 - 130	04/14/26 07:16	04/16/26 07:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.4		10.0		mg/Kg			04/15/26 05:08	1

Client Sample ID: S-5 (2')

Lab Sample ID: 880-70862-27

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:56	04/19/26 02:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:56	04/19/26 02:50	1
Ethylbenzene	<0.00201	U * - *1	0.00201		mg/Kg		04/15/26 13:56	04/19/26 02:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/15/26 13:56	04/19/26 02:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:56	04/19/26 02:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/15/26 13:56	04/19/26 02:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/15/26 13:56	04/19/26 02:50	1
1,4-Difluorobenzene (Surr)	89		70 - 130	04/15/26 13:56	04/19/26 02:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/19/26 02:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/16/26 07:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		04/14/26 07:16	04/16/26 07:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 07:16	04/16/26 07:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-5 (2')

Lab Sample ID: 880-70862-27

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 07:16	04/16/26 07:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	183	S1+	70 - 130				04/14/26 07:16	04/16/26 07:24	1
o-Terphenyl (Surr)	223	S1+	70 - 130				04/14/26 07:16	04/16/26 07:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.1		10.1		mg/Kg			04/15/26 05:13	1

Client Sample ID: S-5 (3')

Lab Sample ID: 880-70862-28

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:56	04/19/26 03:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:56	04/19/26 03:11	1
Ethylbenzene	<0.00199	U * - *1	0.00199		mg/Kg		04/15/26 13:56	04/19/26 03:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/15/26 13:56	04/19/26 03:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:56	04/19/26 03:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/15/26 13:56	04/19/26 03:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				04/15/26 13:56	04/19/26 03:11	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/15/26 13:56	04/19/26 03:11	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			04/19/26 03:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/16/26 07:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		04/14/26 07:16	04/16/26 07:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 07:16	04/16/26 07:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 07:16	04/16/26 07:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	196	S1+	70 - 130				04/14/26 07:16	04/16/26 07:39	1
o-Terphenyl (Surr)	194	S1+	70 - 130				04/14/26 07:16	04/16/26 07:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.8		9.94		mg/Kg			04/15/26 09:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
SDG: Leea County New Mexico

Client Sample ID: S-5 (4')

Lab Sample ID: 880-70862-29

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 03:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 03:32	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		04/15/26 13:56	04/19/26 03:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/15/26 13:56	04/19/26 03:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 03:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/15/26 13:56	04/19/26 03:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	04/15/26 13:56	04/19/26 03:32	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/15/26 13:56	04/19/26 03:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/19/26 03:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/16/26 07:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U *1	50.1		mg/Kg		04/14/26 07:16	04/16/26 07:54	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/14/26 07:16	04/16/26 07:54	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/14/26 07:16	04/16/26 07:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	185	S1+	70 - 130	04/14/26 07:16	04/16/26 07:54	1
o-Terphenyl (Surr)	225	S1+	70 - 130	04/14/26 07:16	04/16/26 07:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.1	F1	9.96		mg/Kg			04/16/26 17:54	1

Client Sample ID: S-5 (5')

Lab Sample ID: 880-70862-30

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/15/26 13:56	04/19/26 03:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/15/26 13:56	04/19/26 03:52	1
Ethylbenzene	<0.00198	U *- *1	0.00198		mg/Kg		04/15/26 13:56	04/19/26 03:52	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/15/26 13:56	04/19/26 03:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/15/26 13:56	04/19/26 03:52	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/15/26 13:56	04/19/26 03:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/15/26 13:56	04/19/26 03:52	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/15/26 13:56	04/19/26 03:52	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-5 (5')

Lab Sample ID: 880-70862-30

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/19/26 03:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/26 02:28	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		04/14/26 13:29	04/17/26 02:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 13:29	04/17/26 02:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 13:29	04/17/26 02:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	135	S1+	70 - 130	04/14/26 13:29	04/17/26 02:28	1
o-Terphenyl (Surr)	176	S1+	70 - 130	04/14/26 13:29	04/17/26 02:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	202		9.92		mg/Kg			04/16/26 18:12	1

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

Lab Sample ID: 880-70862-31

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 05:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 05:26	1
Ethylbenzene	<0.00200	U * - *1	0.00200		mg/Kg		04/15/26 13:56	04/19/26 05:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/15/26 13:56	04/19/26 05:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 05:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/15/26 13:56	04/19/26 05:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	04/15/26 13:56	04/19/26 05:26	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/15/26 13:56	04/19/26 05:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/19/26 05:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/26 03:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/14/26 13:29	04/17/26 03:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/26 13:29	04/17/26 03:14	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

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

Lab Sample ID: 880-70862-31

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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		04/14/26 13:29	04/17/26 03:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	172	S1+	70 - 130				04/14/26 13:29	04/17/26 03:14	1
o-Terphenyl (Surr)	174	S1+	70 - 130				04/14/26 13:29	04/17/26 03:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	859		9.92		mg/Kg			04/16/26 18:18	1

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-70862-32

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:56	04/19/26 05:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:56	04/19/26 05:47	1
Ethylbenzene	<0.00201	U * - *1	0.00201		mg/Kg		04/15/26 13:56	04/19/26 05:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/15/26 13:56	04/19/26 05:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:56	04/19/26 05:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/15/26 13:56	04/19/26 05:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130				04/15/26 13:56	04/19/26 05:47	1
1,4-Difluorobenzene (Surr)	109		70 - 130				04/15/26 13:56	04/19/26 05:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/19/26 05:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/26 03:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 03:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 03:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 03:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	179	S1+	70 - 130				04/14/26 13:29	04/17/26 03:30	1
o-Terphenyl (Surr)	153	S1+	70 - 130				04/14/26 13:29	04/17/26 03:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	469		10.0		mg/Kg			04/16/26 18:24	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-6 (2')

Lab Sample ID: 880-70862-33

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:56	04/19/26 06:07	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:56	04/19/26 06:07	1
Ethylbenzene	<0.00202	U *- *1	0.00202		mg/Kg		04/15/26 13:56	04/19/26 06:07	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/15/26 13:56	04/19/26 06:07	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:56	04/19/26 06:07	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/15/26 13:56	04/19/26 06:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	04/15/26 13:56	04/19/26 06:07	1
1,4-Difluorobenzene (Surr)	121		70 - 130	04/15/26 13:56	04/19/26 06:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/19/26 06:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/17/26 03:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/14/26 13:29	04/17/26 03:45	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/14/26 13:29	04/17/26 03:45	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/14/26 13:29	04/17/26 03:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	142	S1+	70 - 130	04/14/26 13:29	04/17/26 03:45	1
o-Terphenyl (Surr)	179	S1+	70 - 130	04/14/26 13:29	04/17/26 03:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.1		10.1		mg/Kg			04/16/26 18:30	1

Client Sample ID: S-6 (3')

Lab Sample ID: 880-70862-34

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:56	04/19/26 06:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:56	04/19/26 06:28	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		04/15/26 13:56	04/19/26 06:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/15/26 13:56	04/19/26 06:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:56	04/19/26 06:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/15/26 13:56	04/19/26 06:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	04/15/26 13:56	04/19/26 06:28	1
1,4-Difluorobenzene (Surr)	116		70 - 130	04/15/26 13:56	04/19/26 06:28	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-6 (3')

Lab Sample ID: 880-70862-34

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/19/26 06:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/17/26 04:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/14/26 13:29	04/17/26 04:01	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/14/26 13:29	04/17/26 04:01	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/14/26 13:29	04/17/26 04:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	137	S1+	70 - 130	04/14/26 13:29	04/17/26 04:01	1
o-Terphenyl (Surr)	179	S1+	70 - 130	04/14/26 13:29	04/17/26 04:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.8		9.94		mg/Kg			04/16/26 18:47	1

Client Sample ID: S-6 (4')

Lab Sample ID: 880-70862-35

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 06:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 06:48	1
Ethylbenzene	<0.00200	U * - *1	0.00200		mg/Kg		04/15/26 13:56	04/19/26 06:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/15/26 13:56	04/19/26 06:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 06:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/15/26 13:56	04/19/26 06:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	04/15/26 13:56	04/19/26 06:48	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/15/26 13:56	04/19/26 06:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/19/26 06:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/26 04:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/26 13:29	04/17/26 04:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 13:29	04/17/26 04:15	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-6 (4')

Lab Sample ID: 880-70862-35

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 13:29	04/17/26 04:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130				04/14/26 13:29	04/17/26 04:15	1
o-Terphenyl (Surr)	167	S1+	70 - 130				04/14/26 13:29	04/17/26 04:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.1		9.98		mg/Kg			04/16/26 18:53	1

Client Sample ID: S-6 (5')

Lab Sample ID: 880-70862-36

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 07:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 07:09	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		04/15/26 13:56	04/19/26 07:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/15/26 13:56	04/19/26 07:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 07:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/15/26 13:56	04/19/26 07:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				04/15/26 13:56	04/19/26 07:09	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/15/26 13:56	04/19/26 07:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/19/26 07:09	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			04/17/26 04:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 04:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 04:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 04:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	130		70 - 130				04/14/26 13:29	04/17/26 04:31	1
o-Terphenyl (Surr)	158	S1+	70 - 130				04/14/26 13:29	04/17/26 04:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.5		9.96		mg/Kg			04/16/26 18:59	1

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Surrogate Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea 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)
880-70862-1	S-1 (0-1')	121	105
880-70862-1 MS	S-1 (0-1')	106	101
880-70862-1 MSD	S-1 (0-1')	109	99
880-70862-2	S-1 (1.5')	102	98
880-70862-3	S-1 (2')	90	87
880-70862-4	S-1 (3')	81	84
880-70862-5	S-1 (4')	108	102
880-70862-6	S-1 (5')	110	100
880-70862-7	S-2 (0-1')	110	100
880-70862-8	S-2 (1.5')	117	102
880-70862-9	S-2 (2')	81	80
880-70862-10	S-2 (3')	76	83
880-70862-11	S-2 (4')	114	101
880-70862-12	S-2 (5')	115	99
880-70862-13	S-3 (0-1')	104	94
880-70862-14	S-3 (1.5')	118	100
880-70862-15	S-3 (2')	79	110
880-70862-16	S-3 (3')	126	100
880-70862-17	S-3 (4')	91	97
880-70862-18	S-3 (5')	93	95
880-70862-19	S-4 (0-1')	75	88
880-70862-20	S-4 (1.5')	84	93
880-70862-21	S-4 (2')	98	91
880-70862-21 MS	S-4 (2')	81	85
880-70862-21 MSD	S-4 (2')	85	89
880-70862-22	S-4 (3')	96	91
880-70862-23	S-4 (4')	103	96
880-70862-24	S-4 (5')	145 S1+	113
880-70862-25	S-5 (0-1')	151 S1+	130
880-70862-26	S-5 (1.5')	138 S1+	110
880-70862-27	S-5 (2')	97	89
880-70862-28	S-5 (3')	115	97
880-70862-29	S-5 (4')	138 S1+	100
880-70862-30	S-5 (5')	109	91
880-70862-31	S-6 (0-1')	119	96
880-70862-32	S-6 (1.5')	134 S1+	109
880-70862-33	S-6 (2')	141 S1+	121
880-70862-34	S-6 (3')	130	116
880-70862-35	S-6 (4')	112	95
880-70862-36	S-6 (5')	111	98
LCS 880-137856/1-A	Lab Control Sample	104	99
LCS 880-137862/1-A	Lab Control Sample	83	87
LCSD 880-137856/2-A	Lab Control Sample Dup	112	99
LCSD 880-137862/2-A	Lab Control Sample Dup	87	100
MB 880-137636/5-A	Method Blank	106	97
MB 880-137844/5-A	Method Blank	96	82
MB 880-137856/5-A	Method Blank	106	93
MB 880-137862/5-A	Method Blank	95	79

Surrogate Legend

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Surrogate Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)
 BFB = 4-Bromofluorobenzene (Surr)
 DFBZ = 1,4-Difluorobenzene (Surr)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-70853-A-6-B MS	Matrix Spike	109	106
880-70853-A-6-C MSD	Matrix Spike Duplicate	107	105
880-70862-1	S-1 (0-1')	121	109
880-70862-2	S-1 (1.5')	118	110
880-70862-3	S-1 (2')	119	110
880-70862-4	S-1 (3')	125	116
880-70862-5	S-1 (4')	129	120
880-70862-6	S-1 (5')	122	113
880-70862-7	S-2 (0-1')	118	101
880-70862-8	S-2 (1.5')	123	111
880-70862-9	S-2 (2')	116	108
880-70862-10	S-2 (3')	142 S1+	195 S1+
880-70862-10 MS	S-2 (3')	150 S1+	211 S1+
880-70862-10 MSD	S-2 (3')	140 S1+	206 S1+
880-70862-11	S-2 (4')	160 S1+	213 S1+
880-70862-12	S-2 (5')	270 S1+	243 S1+
880-70862-13	S-3 (0-1')	231 S1+	149 S1+
880-70862-14	S-3 (1.5')	161 S1+	216 S1+
880-70862-15	S-3 (2')	200 S1+	247 S1+
880-70862-16	S-3 (3')	170 S1+	225 S1+
880-70862-17	S-3 (4')	151 S1+	205 S1+
880-70862-18	S-3 (5')	238 S1+	153 S1+
880-70862-19	S-4 (0-1')	152 S1+	196 S1+
880-70862-20	S-4 (1.5')	308 S1+	302 S1+
880-70862-21	S-4 (2')	156 S1+	206 S1+
880-70862-22	S-4 (3')	155 S1+	206 S1+
880-70862-23	S-4 (4')	230 S1+	255 S1+
880-70862-24	S-4 (5')	274 S1+	283 S1+
880-70862-25	S-5 (0-1')	159 S1+	203 S1+
880-70862-26	S-5 (1.5')	180 S1+	231 S1+
880-70862-27	S-5 (2')	183 S1+	223 S1+
880-70862-28	S-5 (3')	196 S1+	194 S1+
880-70862-29	S-5 (4')	185 S1+	225 S1+
880-70862-30	S-5 (5')	135 S1+	176 S1+
880-70862-30 MS	S-5 (5')	116	164 S1+
880-70862-30 MSD	S-5 (5')	116	165 S1+
880-70862-31	S-6 (0-1')	172 S1+	174 S1+
880-70862-32	S-6 (1.5')	179 S1+	153 S1+
880-70862-33	S-6 (2')	142 S1+	179 S1+
880-70862-34	S-6 (3')	137 S1+	179 S1+
880-70862-35	S-6 (4')	122	167 S1+
880-70862-36	S-6 (5')	130	158 S1+
LCS 880-137558/2-A	Lab Control Sample	11 S1-	16 S1-
LCS 880-137629/2-A	Lab Control Sample	99	142 S1+
LCS 880-137709/2-A	Lab Control Sample	138 S1+	125
LCSD 880-137558/3-A	Lab Control Sample Dup	79	81
LCSD 880-137629/3-A	Lab Control Sample Dup	99	116

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Surrogate Summary

Client: Carmona Resources
Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
SDG: Leea 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)
LCS D 880-137709/3-A	Lab Control Sample Dup	121	140 S1+
MB 880-137558/1-A	Method Blank	122	111
MB 880-137629/1-A	Method Blank	137 S1+	176 S1+
MB 880-137709/1-A	Method Blank	94	121

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

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

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-137636/5-A
 Matrix: Solid
 Analysis Batch: 138204

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 137636

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		04/14/26 07:49	04/18/26 21:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/14/26 07:49	04/18/26 21:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/14/26 07:49	04/18/26 21:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/14/26 07:49	04/18/26 21:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/14/26 07:49	04/18/26 21:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/14/26 07:49	04/18/26 21:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/14/26 07:49	04/18/26 21:46	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/14/26 07:49	04/18/26 21:46	1

Lab Sample ID: MB 880-137844/5-A
 Matrix: Solid
 Analysis Batch: 138148

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 137844

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 12:07	04/18/26 13:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 12:07	04/18/26 13:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/26 12:07	04/18/26 13:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/15/26 12:07	04/18/26 13:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 12:07	04/18/26 13:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/15/26 12:07	04/18/26 13:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				04/15/26 12:07	04/18/26 13:08	1
1,4-Difluorobenzene (Surr)	82		70 - 130				04/15/26 12:07	04/18/26 13:08	1

Lab Sample ID: MB 880-137856/5-A
 Matrix: Solid
 Analysis Batch: 138204

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 137856

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 08:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 08:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 08:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/15/26 13:38	04/19/26 08:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:38	04/19/26 08:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/15/26 13:38	04/19/26 08:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/15/26 13:38	04/19/26 08:45	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/15/26 13:38	04/19/26 08:45	1

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

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

Lab Sample ID: LCS 880-137856/1-A
 Matrix: Solid
 Analysis Batch: 138204

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 137856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	0.100	0.1029		mg/Kg		103	70 - 130	
Toluene	0.100	0.1006		mg/Kg		101	70 - 130	
Ethylbenzene	0.100	0.1034		mg/Kg		103	70 - 130	
m-Xylene & p-Xylene	0.200	0.2055		mg/Kg		103	70 - 130	
o-Xylene	0.100	0.1038		mg/Kg		104	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-137856/2-A
 Matrix: Solid
 Analysis Batch: 138204

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 137856

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	
									RPD	Limit
Benzene	0.100	0.1004		mg/Kg		100	70 - 130	2	35	
Toluene	0.100	0.09706		mg/Kg		97	70 - 130	4	35	
Ethylbenzene	0.100	0.1015		mg/Kg		102	70 - 130	2	35	
m-Xylene & p-Xylene	0.200	0.2010		mg/Kg		100	70 - 130	2	35	
o-Xylene	0.100	0.1025		mg/Kg		103	70 - 130	1	35	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-70862-1 MS
 Matrix: Solid
 Analysis Batch: 138204

Client Sample ID: S-1 (0-1')
 Prep Type: Total/NA
 Prep Batch: 137856

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	<0.00200	U	0.100	0.08121		mg/Kg		81	70 - 130	
Toluene	<0.00200	U	0.100	0.07261		mg/Kg		73	70 - 130	
Ethylbenzene	<0.00200	U F1	0.100	0.06665	F1	mg/Kg		67	70 - 130	
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1290	F1	mg/Kg		65	70 - 130	
o-Xylene	<0.00200	U F1	0.100	0.06518	F1	mg/Kg		65	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-70862-1 MSD
 Matrix: Solid
 Analysis Batch: 138204

Client Sample ID: S-1 (0-1')
 Prep Type: Total/NA
 Prep Batch: 137856

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	0.07958		mg/Kg		80	70 - 130	2	35	
Toluene	<0.00200	U	0.100	0.07285		mg/Kg		73	70 - 130	0	35	
Ethylbenzene	<0.00200	U F1	0.100	0.06866	F1	mg/Kg		69	70 - 130	3	35	

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

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

Lab Sample ID: 880-70862-1 MSD

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

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 138204

Prep Batch: 137856

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits			
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1346	F1	mg/Kg		67	70 - 130	4		35
o-Xylene	<0.00200	U F1	0.100	0.06767	F1	mg/Kg		68	70 - 130	4		35
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	109		70 - 130									
1,4-Difluorobenzene (Surr)	99		70 - 130									

Lab Sample ID: MB 880-137862/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 138148

Prep Batch: 137862

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 00:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 00:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 00:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/15/26 13:56	04/19/26 00:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 00:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/15/26 13:56	04/19/26 00:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				04/15/26 13:56	04/19/26 00:26	1
1,4-Difluorobenzene (Surr)	79		70 - 130				04/15/26 13:56	04/19/26 00:26	1

Lab Sample ID: LCS 880-137862/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 138148

Prep Batch: 137862

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
							Added
Benzene	0.100	0.07895		mg/Kg		79	70 - 130
Toluene	0.100	0.08015		mg/Kg		80	70 - 130
Ethylbenzene	0.100	0.05677	*-	mg/Kg		57	70 - 130
m-Xylene & p-Xylene	0.200	0.1520		mg/Kg		76	70 - 130
o-Xylene	0.100	0.08012		mg/Kg		80	70 - 130
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	83		70 - 130				
1,4-Difluorobenzene (Surr)	87		70 - 130				

Lab Sample ID: LCSD 880-137862/2-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 138148

Prep Batch: 137862

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
							Added		
Benzene	0.100	0.09421		mg/Kg		94	70 - 130	18	35
Toluene	0.100	0.08678		mg/Kg		87	70 - 130	8	35
Ethylbenzene	0.100	0.09536	*1	mg/Kg		95	70 - 130	51	35
m-Xylene & p-Xylene	0.200	0.2060		mg/Kg		103	70 - 130	30	35
o-Xylene	0.100	0.09376		mg/Kg		94	70 - 130	16	35

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

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

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-70862-21 MS
 Matrix: Solid
 Analysis Batch: 138148

Client Sample ID: S-4 (2')
 Prep Type: Total/NA
 Prep Batch: 137862

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Benzene	<0.00200	U F1	0.100	0.06222	F1	mg/Kg		62		70 - 130
Toluene	<0.00200	U	0.100	0.07907		mg/Kg		79		70 - 130
Ethylbenzene	<0.00200	U *- *1	0.100	0.07098		mg/Kg		71		70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1603		mg/Kg		80		70 - 130
o-Xylene	<0.00200	U	0.100	0.08309		mg/Kg		83		70 - 130

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	81		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 880-70862-21 MSD
 Matrix: Solid
 Analysis Batch: 138148

Client Sample ID: S-4 (2')
 Prep Type: Total/NA
 Prep Batch: 137862

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec	Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier						RPD	Limit
Benzene	<0.00200	U F1	0.100	0.05954	F1	mg/Kg		60		70 - 130	4	35
Toluene	<0.00200	U	0.100	0.07751		mg/Kg		78		70 - 130	2	35
Ethylbenzene	<0.00200	U *- *1	0.100	0.07248		mg/Kg		72		70 - 130	2	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1686		mg/Kg		84		70 - 130	5	35
o-Xylene	<0.00200	U	0.100	0.08799		mg/Kg		88		70 - 130	6	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

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

Lab Sample ID: MB 880-137558/1-A
 Matrix: Solid
 Analysis Batch: 137820

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 137558

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/13/26 12:09	04/16/26 01:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/13/26 12:09	04/16/26 01:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/13/26 12:09	04/16/26 01:29	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	122		70 - 130	04/13/26 12:09	04/16/26 01:29	1
o-Terphenyl (Surr)	111		70 - 130	04/13/26 12:09	04/16/26 01:29	1

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

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

Lab Sample ID: LCS 880-137558/2-A
Matrix: Solid
Analysis Batch: 137820

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137558

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
							Lower	Upper
Gasoline Range Organics (GRO)-C6-C10	1000	867.7		mg/Kg		87	70	130
Diesel Range Organics (Over C10-C28)	1000	1010		mg/Kg		101	70	130
		LCS	LCS					
Surrogate	%Recovery	Qualifier	Limits					
1-Chlorooctane (Surr)	11	S1-	70 - 130					
o-Terphenyl (Surr)	16	S1-	70 - 130					

Lab Sample ID: LCSD 880-137558/3-A
Matrix: Solid
Analysis Batch: 137820

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137558

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
							Lower	Upper	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	818.8		mg/Kg		82	70	130	6	20
Diesel Range Organics (Over C10-C28)	1000	988.3		mg/Kg		99	70	130	2	20
		LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	79		70 - 130							
o-Terphenyl (Surr)	81		70 - 130							

Lab Sample ID: 880-70853-A-6-B MS
Matrix: Solid
Analysis Batch: 137820

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 137558

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
									Lower	Upper
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	829.6		mg/Kg		81	70	130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	942.8		mg/Kg		94	70	130
		MS	MS							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	109		70 - 130							
o-Terphenyl (Surr)	106		70 - 130							

Lab Sample ID: 880-70853-A-6-C MSD
Matrix: Solid
Analysis Batch: 137820

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 137558

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
									Lower	Upper	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	816.8		mg/Kg		80	70	130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	938.5		mg/Kg		93	70	130	0	20
		MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane (Surr)	107		70 - 130									

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

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

Lab Sample ID: 880-70853-A-6-C MSD
Matrix: Solid
Analysis Batch: 137820

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 137558

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl (Surr)	105		70 - 130

Lab Sample ID: MB 880-137629/1-A
Matrix: Solid
Analysis Batch: 137818

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137629

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/26 07:16	04/16/26 01:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 07:16	04/16/26 01:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 07:16	04/16/26 01:29	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
<i>1</i> -Chlorooctane (Surr)	137	S1+	70 - 130	04/14/26 07:16	04/16/26 01:29	1
<i>o</i> -Terphenyl (Surr)	176	S1+	70 - 130	04/14/26 07:16	04/16/26 01:29	1

Lab Sample ID: LCS 880-137629/2-A
Matrix: Solid
Analysis Batch: 137818

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137629

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	744.8		mg/Kg		74	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1122		mg/Kg		112	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane (Surr)	99		70 - 130
<i>o</i> -Terphenyl (Surr)	142	S1+	70 - 130

Lab Sample ID: LCSD 880-137629/3-A
Matrix: Solid
Analysis Batch: 137818

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137629

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	920.2	*1	mg/Kg		92	70 - 130	21	20
Diesel Range Organics (Over C10-C28)	1000	1128		mg/Kg		113	70 - 130	1	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane (Surr)	99		70 - 130
<i>o</i> -Terphenyl (Surr)	116		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
SDG: Leea County New Mexico

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

Lab Sample ID: 880-70862-10 MS
Matrix: Solid
Analysis Batch: 137818

Client Sample ID: S-2 (3')
Prep Type: Total/NA
Prep Batch: 137629

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	<50.1	U *1	1000	846.4		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U F1	1000	1321	F1	mg/Kg		132	70 - 130
	MS MS								
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	150	S1+	70 - 130						
o-Terphenyl (Surr)	211	S1+	70 - 130						

Lab Sample ID: 880-70862-10 MSD
Matrix: Solid
Analysis Batch: 137818

Client Sample ID: S-2 (3')
Prep Type: Total/NA
Prep Batch: 137629

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	<50.1	U *1	1000	782.8		mg/Kg		78	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<50.1	U F1	1000	1269		mg/Kg		127	70 - 130	4	20
	MSD MSD										
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	140	S1+	70 - 130								
o-Terphenyl (Surr)	206	S1+	70 - 130								

Lab Sample ID: MB 880-137709/1-A
Matrix: Solid
Analysis Batch: 137963

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137709

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/26 13:28	04/17/26 01:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 13:28	04/17/26 01:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 13:28	04/17/26 01:41	1
	MB MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130				04/14/26 13:28	04/17/26 01:41	1
o-Terphenyl (Surr)	121		70 - 130				04/14/26 13:28	04/17/26 01:41	1

Lab Sample ID: LCS 880-137709/2-A
Matrix: Solid
Analysis Batch: 137963

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1237		mg/Kg		124	70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

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

Lab Sample ID: LCS 880-137709/2-A
Matrix: Solid
Analysis Batch: 137963

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137709

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	138	S1+	70 - 130
o-Terphenyl (Surr)	125		70 - 130

Lab Sample ID: LCSD 880-137709/3-A
Matrix: Solid
Analysis Batch: 137963

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137709

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1023		mg/Kg		102	70 - 130	14		20
Diesel Range Organics (Over C10-C28)	1000	1292		mg/Kg		129	70 - 130	4		20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	121		70 - 130
o-Terphenyl (Surr)	140	S1+	70 - 130

Lab Sample ID: 880-70862-30 MS
Matrix: Solid
Analysis Batch: 137963

Client Sample ID: S-5 (5')
Prep Type: Total/NA
Prep Batch: 137709

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	755.2		mg/Kg		76	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1094		mg/Kg		110	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	116		70 - 130
o-Terphenyl (Surr)	164	S1+	70 - 130

Lab Sample ID: 880-70862-30 MSD
Matrix: Solid
Analysis Batch: 137963

Client Sample ID: S-5 (5')
Prep Type: Total/NA
Prep Batch: 137709

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	768.6		mg/Kg		77	70 - 130	2
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1131		mg/Kg		113	70 - 130	3

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	116		70 - 130
o-Terphenyl (Surr)	165	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-137674/1-A
 Matrix: Solid
 Analysis Batch: 137708

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/15/26 02:49	1

Lab Sample ID: LCS 880-137674/2-A
 Matrix: Solid
 Analysis Batch: 137708

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.7		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-137674/3-A
 Matrix: Solid
 Analysis Batch: 137708

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	245.3		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-70862-9 MS
 Matrix: Solid
 Analysis Batch: 137708

Client Sample ID: S-2 (2')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	35.7		251	281.9		mg/Kg		98	90 - 110

Lab Sample ID: 880-70862-9 MSD
 Matrix: Solid
 Analysis Batch: 137708

Client Sample ID: S-2 (2')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	35.7		251	283.3		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-70862-19 MS
 Matrix: Solid
 Analysis Batch: 137708

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5220	F1	2480	9045	F1	mg/Kg		155	90 - 110

Lab Sample ID: 880-70862-19 MSD
 Matrix: Solid
 Analysis Batch: 137708

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5220	F1	2480	9506	F1	mg/Kg		173	90 - 110	5	20

Lab Sample ID: MB 880-137673/1-A
 Matrix: Solid
 Analysis Batch: 137710

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/14/26 18:22	1

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-137673/2-A
Matrix: Solid
Analysis Batch: 137710

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.8		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-137673/3-A
Matrix: Solid
Analysis Batch: 137710

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	254.8		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 880-70853-A-15-C MS
Matrix: Solid
Analysis Batch: 137710

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	90.8		249	348.7		mg/Kg		104	90 - 110

Lab Sample ID: 880-70853-A-15-D MSD
Matrix: Solid
Analysis Batch: 137710

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	90.8		249	351.3		mg/Kg		105	90 - 110	1	20

Lab Sample ID: MB 880-137675/1-A
Matrix: Solid
Analysis Batch: 137713

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/16/26 17:19	1

Lab Sample ID: LCS 880-137675/2-A
Matrix: Solid
Analysis Batch: 137713

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.8		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-137675/3-A
Matrix: Solid
Analysis Batch: 137713

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	268.5		mg/Kg		107	90 - 110	5	20

Lab Sample ID: 880-70862-29 MS
Matrix: Solid
Analysis Batch: 137713

Client Sample ID: S-5 (4')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	84.1	F1	249	370.7	F1	mg/Kg		115	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
SDG: Leea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-70862-29 MSD
Matrix: Solid
Analysis Batch: 137713

Client Sample ID: S-5 (4')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	84.1	F1	249	385.1	F1	mg/Kg		121	90 - 110	4	20

- 1
- 2
- 3
- 4
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- 12
- 13
- 14

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

GC VOA

Prep Batch: 137636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-137636/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 137844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-137844/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 137856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-1	S-1 (0-1')	Total/NA	Solid	5035	
880-70862-2	S-1 (1.5')	Total/NA	Solid	5035	
880-70862-3	S-1 (2')	Total/NA	Solid	5035	
880-70862-4	S-1 (3')	Total/NA	Solid	5035	
880-70862-5	S-1 (4')	Total/NA	Solid	5035	
880-70862-6	S-1 (5')	Total/NA	Solid	5035	
880-70862-7	S-2 (0-1')	Total/NA	Solid	5035	
880-70862-8	S-2 (1.5')	Total/NA	Solid	5035	
880-70862-9	S-2 (2')	Total/NA	Solid	5035	
880-70862-10	S-2 (3')	Total/NA	Solid	5035	
880-70862-11	S-2 (4')	Total/NA	Solid	5035	
880-70862-12	S-2 (5')	Total/NA	Solid	5035	
880-70862-13	S-3 (0-1')	Total/NA	Solid	5035	
880-70862-14	S-3 (1.5')	Total/NA	Solid	5035	
880-70862-15	S-3 (2')	Total/NA	Solid	5035	
880-70862-16	S-3 (3')	Total/NA	Solid	5035	
880-70862-17	S-3 (4')	Total/NA	Solid	5035	
880-70862-18	S-3 (5')	Total/NA	Solid	5035	
880-70862-19	S-4 (0-1')	Total/NA	Solid	5035	
880-70862-20	S-4 (1.5')	Total/NA	Solid	5035	
MB 880-137856/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137856/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137856/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-70862-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-70862-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 137862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-21	S-4 (2')	Total/NA	Solid	5035	
880-70862-22	S-4 (3')	Total/NA	Solid	5035	
880-70862-23	S-4 (4')	Total/NA	Solid	5035	
880-70862-24	S-4 (5')	Total/NA	Solid	5035	
880-70862-25	S-5 (0-1')	Total/NA	Solid	5035	
880-70862-26	S-5 (1.5')	Total/NA	Solid	5035	
880-70862-27	S-5 (2')	Total/NA	Solid	5035	
880-70862-28	S-5 (3')	Total/NA	Solid	5035	
880-70862-29	S-5 (4')	Total/NA	Solid	5035	
880-70862-30	S-5 (5')	Total/NA	Solid	5035	
880-70862-31	S-6 (0-1')	Total/NA	Solid	5035	
880-70862-32	S-6 (1.5')	Total/NA	Solid	5035	
880-70862-33	S-6 (2')	Total/NA	Solid	5035	
880-70862-34	S-6 (3')	Total/NA	Solid	5035	
880-70862-35	S-6 (4')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

GC VOA (Continued)

Prep Batch: 137862 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-36	S-6 (5')	Total/NA	Solid	5035	
MB 880-137862/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137862/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137862/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-70862-21 MS	S-4 (2')	Total/NA	Solid	5035	
880-70862-21 MSD	S-4 (2')	Total/NA	Solid	5035	

Analysis Batch: 138148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-21	S-4 (2')	Total/NA	Solid	8021B	137862
880-70862-22	S-4 (3')	Total/NA	Solid	8021B	137862
880-70862-23	S-4 (4')	Total/NA	Solid	8021B	137862
880-70862-24	S-4 (5')	Total/NA	Solid	8021B	137862
880-70862-25	S-5 (0-1')	Total/NA	Solid	8021B	137862
880-70862-26	S-5 (1.5')	Total/NA	Solid	8021B	137862
880-70862-27	S-5 (2')	Total/NA	Solid	8021B	137862
880-70862-28	S-5 (3')	Total/NA	Solid	8021B	137862
880-70862-29	S-5 (4')	Total/NA	Solid	8021B	137862
880-70862-30	S-5 (5')	Total/NA	Solid	8021B	137862
880-70862-31	S-6 (0-1')	Total/NA	Solid	8021B	137862
880-70862-32	S-6 (1.5')	Total/NA	Solid	8021B	137862
880-70862-33	S-6 (2')	Total/NA	Solid	8021B	137862
880-70862-34	S-6 (3')	Total/NA	Solid	8021B	137862
880-70862-35	S-6 (4')	Total/NA	Solid	8021B	137862
880-70862-36	S-6 (5')	Total/NA	Solid	8021B	137862
MB 880-137844/5-A	Method Blank	Total/NA	Solid	8021B	137844
MB 880-137862/5-A	Method Blank	Total/NA	Solid	8021B	137862
LCS 880-137862/1-A	Lab Control Sample	Total/NA	Solid	8021B	137862
LCSD 880-137862/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137862
880-70862-21 MS	S-4 (2')	Total/NA	Solid	8021B	137862
880-70862-21 MSD	S-4 (2')	Total/NA	Solid	8021B	137862

Analysis Batch: 138204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-1	S-1 (0-1')	Total/NA	Solid	8021B	137856
880-70862-2	S-1 (1.5')	Total/NA	Solid	8021B	137856
880-70862-3	S-1 (2')	Total/NA	Solid	8021B	137856
880-70862-4	S-1 (3')	Total/NA	Solid	8021B	137856
880-70862-5	S-1 (4')	Total/NA	Solid	8021B	137856
880-70862-6	S-1 (5')	Total/NA	Solid	8021B	137856
880-70862-7	S-2 (0-1')	Total/NA	Solid	8021B	137856
880-70862-8	S-2 (1.5')	Total/NA	Solid	8021B	137856
880-70862-9	S-2 (2')	Total/NA	Solid	8021B	137856
880-70862-10	S-2 (3')	Total/NA	Solid	8021B	137856
880-70862-11	S-2 (4')	Total/NA	Solid	8021B	137856
880-70862-12	S-2 (5')	Total/NA	Solid	8021B	137856
880-70862-13	S-3 (0-1')	Total/NA	Solid	8021B	137856
880-70862-14	S-3 (1.5')	Total/NA	Solid	8021B	137856
880-70862-15	S-3 (2')	Total/NA	Solid	8021B	137856
880-70862-16	S-3 (3')	Total/NA	Solid	8021B	137856
880-70862-17	S-3 (4')	Total/NA	Solid	8021B	137856

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QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

GC VOA (Continued)

Analysis Batch: 138204 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-18	S-3 (5')	Total/NA	Solid	8021B	137856
880-70862-19	S-4 (0-1')	Total/NA	Solid	8021B	137856
880-70862-20	S-4 (1.5')	Total/NA	Solid	8021B	137856
MB 880-137636/5-A	Method Blank	Total/NA	Solid	8021B	137636
MB 880-137856/5-A	Method Blank	Total/NA	Solid	8021B	137856
LCS 880-137856/1-A	Lab Control Sample	Total/NA	Solid	8021B	137856
LCSD 880-137856/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137856
880-70862-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	137856
880-70862-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	137856

Analysis Batch: 138375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-70862-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-70862-3	S-1 (2')	Total/NA	Solid	Total BTEX	
880-70862-4	S-1 (3')	Total/NA	Solid	Total BTEX	
880-70862-5	S-1 (4')	Total/NA	Solid	Total BTEX	
880-70862-6	S-1 (5')	Total/NA	Solid	Total BTEX	
880-70862-7	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-70862-8	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-70862-9	S-2 (2')	Total/NA	Solid	Total BTEX	
880-70862-10	S-2 (3')	Total/NA	Solid	Total BTEX	
880-70862-11	S-2 (4')	Total/NA	Solid	Total BTEX	
880-70862-12	S-2 (5')	Total/NA	Solid	Total BTEX	
880-70862-13	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-70862-14	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-70862-15	S-3 (2')	Total/NA	Solid	Total BTEX	
880-70862-16	S-3 (3')	Total/NA	Solid	Total BTEX	
880-70862-17	S-3 (4')	Total/NA	Solid	Total BTEX	
880-70862-18	S-3 (5')	Total/NA	Solid	Total BTEX	
880-70862-19	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-70862-20	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-70862-21	S-4 (2')	Total/NA	Solid	Total BTEX	
880-70862-22	S-4 (3')	Total/NA	Solid	Total BTEX	
880-70862-23	S-4 (4')	Total/NA	Solid	Total BTEX	
880-70862-24	S-4 (5')	Total/NA	Solid	Total BTEX	
880-70862-25	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-70862-26	S-5 (1.5')	Total/NA	Solid	Total BTEX	
880-70862-27	S-5 (2')	Total/NA	Solid	Total BTEX	
880-70862-28	S-5 (3')	Total/NA	Solid	Total BTEX	
880-70862-29	S-5 (4')	Total/NA	Solid	Total BTEX	
880-70862-30	S-5 (5')	Total/NA	Solid	Total BTEX	
880-70862-31	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-70862-32	S-6 (1.5')	Total/NA	Solid	Total BTEX	
880-70862-33	S-6 (2')	Total/NA	Solid	Total BTEX	
880-70862-34	S-6 (3')	Total/NA	Solid	Total BTEX	
880-70862-35	S-6 (4')	Total/NA	Solid	Total BTEX	
880-70862-36	S-6 (5')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

GC Semi VOA

Prep Batch: 137558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-70862-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-70862-3	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-70862-4	S-1 (3')	Total/NA	Solid	8015NM Prep	
880-70862-5	S-1 (4')	Total/NA	Solid	8015NM Prep	
880-70862-6	S-1 (5')	Total/NA	Solid	8015NM Prep	
880-70862-7	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-70862-8	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-70862-9	S-2 (2')	Total/NA	Solid	8015NM Prep	
MB 880-137558/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137558/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137558/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-70853-A-6-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-70853-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 137629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-10	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-70862-11	S-2 (4')	Total/NA	Solid	8015NM Prep	
880-70862-12	S-2 (5')	Total/NA	Solid	8015NM Prep	
880-70862-13	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-70862-14	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-70862-15	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-70862-16	S-3 (3')	Total/NA	Solid	8015NM Prep	
880-70862-17	S-3 (4')	Total/NA	Solid	8015NM Prep	
880-70862-18	S-3 (5')	Total/NA	Solid	8015NM Prep	
880-70862-19	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-70862-20	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-70862-21	S-4 (2')	Total/NA	Solid	8015NM Prep	
880-70862-22	S-4 (3')	Total/NA	Solid	8015NM Prep	
880-70862-23	S-4 (4')	Total/NA	Solid	8015NM Prep	
880-70862-24	S-4 (5')	Total/NA	Solid	8015NM Prep	
880-70862-25	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-70862-26	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-70862-27	S-5 (2')	Total/NA	Solid	8015NM Prep	
880-70862-28	S-5 (3')	Total/NA	Solid	8015NM Prep	
880-70862-29	S-5 (4')	Total/NA	Solid	8015NM Prep	
MB 880-137629/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137629/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137629/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-70862-10 MS	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-70862-10 MSD	S-2 (3')	Total/NA	Solid	8015NM Prep	

Prep Batch: 137709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-30	S-5 (5')	Total/NA	Solid	8015NM Prep	
880-70862-31	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-70862-32	S-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-70862-33	S-6 (2')	Total/NA	Solid	8015NM Prep	
880-70862-34	S-6 (3')	Total/NA	Solid	8015NM Prep	
880-70862-35	S-6 (4')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 137709 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-36	S-6 (5')	Total/NA	Solid	8015NM Prep	
MB 880-137709/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137709/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137709/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-70862-30 MS	S-5 (5')	Total/NA	Solid	8015NM Prep	
880-70862-30 MSD	S-5 (5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 137818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-10	S-2 (3')	Total/NA	Solid	8015B NM	137629
880-70862-11	S-2 (4')	Total/NA	Solid	8015B NM	137629
880-70862-12	S-2 (5')	Total/NA	Solid	8015B NM	137629
880-70862-13	S-3 (0-1')	Total/NA	Solid	8015B NM	137629
880-70862-14	S-3 (1.5')	Total/NA	Solid	8015B NM	137629
880-70862-15	S-3 (2')	Total/NA	Solid	8015B NM	137629
880-70862-16	S-3 (3')	Total/NA	Solid	8015B NM	137629
880-70862-17	S-3 (4')	Total/NA	Solid	8015B NM	137629
880-70862-18	S-3 (5')	Total/NA	Solid	8015B NM	137629
880-70862-19	S-4 (0-1')	Total/NA	Solid	8015B NM	137629
880-70862-20	S-4 (1.5')	Total/NA	Solid	8015B NM	137629
880-70862-21	S-4 (2')	Total/NA	Solid	8015B NM	137629
880-70862-22	S-4 (3')	Total/NA	Solid	8015B NM	137629
880-70862-23	S-4 (4')	Total/NA	Solid	8015B NM	137629
880-70862-24	S-4 (5')	Total/NA	Solid	8015B NM	137629
880-70862-25	S-5 (0-1')	Total/NA	Solid	8015B NM	137629
880-70862-26	S-5 (1.5')	Total/NA	Solid	8015B NM	137629
880-70862-27	S-5 (2')	Total/NA	Solid	8015B NM	137629
880-70862-28	S-5 (3')	Total/NA	Solid	8015B NM	137629
880-70862-29	S-5 (4')	Total/NA	Solid	8015B NM	137629
MB 880-137629/1-A	Method Blank	Total/NA	Solid	8015B NM	137629
LCS 880-137629/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137629
LCSD 880-137629/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137629
880-70862-10 MS	S-2 (3')	Total/NA	Solid	8015B NM	137629
880-70862-10 MSD	S-2 (3')	Total/NA	Solid	8015B NM	137629

Analysis Batch: 137820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-1	S-1 (0-1')	Total/NA	Solid	8015B NM	137558
880-70862-2	S-1 (1.5')	Total/NA	Solid	8015B NM	137558
880-70862-3	S-1 (2')	Total/NA	Solid	8015B NM	137558
880-70862-4	S-1 (3')	Total/NA	Solid	8015B NM	137558
880-70862-5	S-1 (4')	Total/NA	Solid	8015B NM	137558
880-70862-6	S-1 (5')	Total/NA	Solid	8015B NM	137558
880-70862-7	S-2 (0-1')	Total/NA	Solid	8015B NM	137558
880-70862-8	S-2 (1.5')	Total/NA	Solid	8015B NM	137558
880-70862-9	S-2 (2')	Total/NA	Solid	8015B NM	137558
MB 880-137558/1-A	Method Blank	Total/NA	Solid	8015B NM	137558
LCS 880-137558/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137558
LCSD 880-137558/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137558
880-70853-A-6-B MS	Matrix Spike	Total/NA	Solid	8015B NM	137558
880-70853-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	137558

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

GC Semi VOA

Analysis Batch: 137963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-30	S-5 (5')	Total/NA	Solid	8015B NM	137709
880-70862-31	S-6 (0-1')	Total/NA	Solid	8015B NM	137709
880-70862-32	S-6 (1.5')	Total/NA	Solid	8015B NM	137709
880-70862-33	S-6 (2')	Total/NA	Solid	8015B NM	137709
880-70862-34	S-6 (3')	Total/NA	Solid	8015B NM	137709
880-70862-35	S-6 (4')	Total/NA	Solid	8015B NM	137709
880-70862-36	S-6 (5')	Total/NA	Solid	8015B NM	137709
MB 880-137709/1-A	Method Blank	Total/NA	Solid	8015B NM	137709
LCS 880-137709/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137709
LCSD 880-137709/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137709
880-70862-30 MS	S-5 (5')	Total/NA	Solid	8015B NM	137709
880-70862-30 MSD	S-5 (5')	Total/NA	Solid	8015B NM	137709

Analysis Batch: 138053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-70862-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-70862-3	S-1 (2')	Total/NA	Solid	8015 NM	
880-70862-4	S-1 (3')	Total/NA	Solid	8015 NM	
880-70862-5	S-1 (4')	Total/NA	Solid	8015 NM	
880-70862-6	S-1 (5')	Total/NA	Solid	8015 NM	
880-70862-7	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-70862-8	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-70862-9	S-2 (2')	Total/NA	Solid	8015 NM	
880-70862-10	S-2 (3')	Total/NA	Solid	8015 NM	
880-70862-11	S-2 (4')	Total/NA	Solid	8015 NM	
880-70862-12	S-2 (5')	Total/NA	Solid	8015 NM	
880-70862-13	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-70862-14	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-70862-15	S-3 (2')	Total/NA	Solid	8015 NM	
880-70862-16	S-3 (3')	Total/NA	Solid	8015 NM	
880-70862-17	S-3 (4')	Total/NA	Solid	8015 NM	
880-70862-18	S-3 (5')	Total/NA	Solid	8015 NM	
880-70862-19	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-70862-20	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-70862-21	S-4 (2')	Total/NA	Solid	8015 NM	
880-70862-22	S-4 (3')	Total/NA	Solid	8015 NM	
880-70862-23	S-4 (4')	Total/NA	Solid	8015 NM	
880-70862-24	S-4 (5')	Total/NA	Solid	8015 NM	
880-70862-25	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-70862-26	S-5 (1.5')	Total/NA	Solid	8015 NM	
880-70862-27	S-5 (2')	Total/NA	Solid	8015 NM	
880-70862-28	S-5 (3')	Total/NA	Solid	8015 NM	
880-70862-29	S-5 (4')	Total/NA	Solid	8015 NM	
880-70862-30	S-5 (5')	Total/NA	Solid	8015 NM	
880-70862-31	S-6 (0-1')	Total/NA	Solid	8015 NM	
880-70862-32	S-6 (1.5')	Total/NA	Solid	8015 NM	
880-70862-33	S-6 (2')	Total/NA	Solid	8015 NM	
880-70862-34	S-6 (3')	Total/NA	Solid	8015 NM	
880-70862-35	S-6 (4')	Total/NA	Solid	8015 NM	
880-70862-36	S-6 (5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

HPLC/IC

Leach Batch: 137673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-70862-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-70862-3	S-1 (2')	Soluble	Solid	DI Leach	
880-70862-4	S-1 (3')	Soluble	Solid	DI Leach	
880-70862-5	S-1 (4')	Soluble	Solid	DI Leach	
880-70862-6	S-1 (5')	Soluble	Solid	DI Leach	
880-70862-7	S-2 (0-1')	Soluble	Solid	DI Leach	
880-70862-8	S-2 (1.5')	Soluble	Solid	DI Leach	
MB 880-137673/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137673/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137673/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-70853-A-15-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-70853-A-15-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 137674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-9	S-2 (2')	Soluble	Solid	DI Leach	
880-70862-10	S-2 (3')	Soluble	Solid	DI Leach	
880-70862-11	S-2 (4')	Soluble	Solid	DI Leach	
880-70862-12	S-2 (5')	Soluble	Solid	DI Leach	
880-70862-13	S-3 (0-1')	Soluble	Solid	DI Leach	
880-70862-14	S-3 (1.5')	Soluble	Solid	DI Leach	
880-70862-15	S-3 (2')	Soluble	Solid	DI Leach	
880-70862-16	S-3 (3')	Soluble	Solid	DI Leach	
880-70862-17	S-3 (4')	Soluble	Solid	DI Leach	
880-70862-18	S-3 (5')	Soluble	Solid	DI Leach	
880-70862-19	S-4 (0-1')	Soluble	Solid	DI Leach	
880-70862-20	S-4 (1.5')	Soluble	Solid	DI Leach	
880-70862-21	S-4 (2')	Soluble	Solid	DI Leach	
880-70862-22	S-4 (3')	Soluble	Solid	DI Leach	
880-70862-23	S-4 (4')	Soluble	Solid	DI Leach	
880-70862-24	S-4 (5')	Soluble	Solid	DI Leach	
880-70862-25	S-5 (0-1')	Soluble	Solid	DI Leach	
880-70862-26	S-5 (1.5')	Soluble	Solid	DI Leach	
880-70862-27	S-5 (2')	Soluble	Solid	DI Leach	
880-70862-28	S-5 (3')	Soluble	Solid	DI Leach	
MB 880-137674/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137674/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137674/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-70862-9 MS	S-2 (2')	Soluble	Solid	DI Leach	
880-70862-9 MSD	S-2 (2')	Soluble	Solid	DI Leach	
880-70862-19 MS	S-4 (0-1')	Soluble	Solid	DI Leach	
880-70862-19 MSD	S-4 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 137675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-29	S-5 (4')	Soluble	Solid	DI Leach	
880-70862-30	S-5 (5')	Soluble	Solid	DI Leach	
880-70862-31	S-6 (0-1')	Soluble	Solid	DI Leach	
880-70862-32	S-6 (1.5')	Soluble	Solid	DI Leach	
880-70862-33	S-6 (2')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

HPLC/IC (Continued)

Leach Batch: 137675 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-34	S-6 (3')	Soluble	Solid	DI Leach	
880-70862-35	S-6 (4')	Soluble	Solid	DI Leach	
880-70862-36	S-6 (5')	Soluble	Solid	DI Leach	
MB 880-137675/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137675/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137675/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-70862-29 MS	S-5 (4')	Soluble	Solid	DI Leach	
880-70862-29 MSD	S-5 (4')	Soluble	Solid	DI Leach	

Analysis Batch: 137708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-9	S-2 (2')	Soluble	Solid	300.0	137674
880-70862-10	S-2 (3')	Soluble	Solid	300.0	137674
880-70862-11	S-2 (4')	Soluble	Solid	300.0	137674
880-70862-12	S-2 (5')	Soluble	Solid	300.0	137674
880-70862-13	S-3 (0-1')	Soluble	Solid	300.0	137674
880-70862-14	S-3 (1.5')	Soluble	Solid	300.0	137674
880-70862-15	S-3 (2')	Soluble	Solid	300.0	137674
880-70862-16	S-3 (3')	Soluble	Solid	300.0	137674
880-70862-17	S-3 (4')	Soluble	Solid	300.0	137674
880-70862-18	S-3 (5')	Soluble	Solid	300.0	137674
880-70862-19	S-4 (0-1')	Soluble	Solid	300.0	137674
880-70862-20	S-4 (1.5')	Soluble	Solid	300.0	137674
880-70862-21	S-4 (2')	Soluble	Solid	300.0	137674
880-70862-22	S-4 (3')	Soluble	Solid	300.0	137674
880-70862-23	S-4 (4')	Soluble	Solid	300.0	137674
880-70862-24	S-4 (5')	Soluble	Solid	300.0	137674
880-70862-25	S-5 (0-1')	Soluble	Solid	300.0	137674
880-70862-26	S-5 (1.5')	Soluble	Solid	300.0	137674
880-70862-27	S-5 (2')	Soluble	Solid	300.0	137674
880-70862-28	S-5 (3')	Soluble	Solid	300.0	137674
MB 880-137674/1-A	Method Blank	Soluble	Solid	300.0	137674
LCS 880-137674/2-A	Lab Control Sample	Soluble	Solid	300.0	137674
LCSD 880-137674/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137674
880-70862-9 MS	S-2 (2')	Soluble	Solid	300.0	137674
880-70862-9 MSD	S-2 (2')	Soluble	Solid	300.0	137674
880-70862-19 MS	S-4 (0-1')	Soluble	Solid	300.0	137674
880-70862-19 MSD	S-4 (0-1')	Soluble	Solid	300.0	137674

Analysis Batch: 137710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-1	S-1 (0-1')	Soluble	Solid	300.0	137673
880-70862-2	S-1 (1.5')	Soluble	Solid	300.0	137673
880-70862-3	S-1 (2')	Soluble	Solid	300.0	137673
880-70862-4	S-1 (3')	Soluble	Solid	300.0	137673
880-70862-5	S-1 (4')	Soluble	Solid	300.0	137673
880-70862-6	S-1 (5')	Soluble	Solid	300.0	137673
880-70862-7	S-2 (0-1')	Soluble	Solid	300.0	137673
880-70862-8	S-2 (1.5')	Soluble	Solid	300.0	137673
MB 880-137673/1-A	Method Blank	Soluble	Solid	300.0	137673
LCS 880-137673/2-A	Lab Control Sample	Soluble	Solid	300.0	137673

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 137710 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-137673/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137673
880-70853-A-15-C MS	Matrix Spike	Soluble	Solid	300.0	137673
880-70853-A-15-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	137673

Analysis Batch: 137713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70862-29	S-5 (4')	Soluble	Solid	300.0	137675
880-70862-30	S-5 (5')	Soluble	Solid	300.0	137675
880-70862-31	S-6 (0-1')	Soluble	Solid	300.0	137675
880-70862-32	S-6 (1.5')	Soluble	Solid	300.0	137675
880-70862-33	S-6 (2')	Soluble	Solid	300.0	137675
880-70862-34	S-6 (3')	Soluble	Solid	300.0	137675
880-70862-35	S-6 (4')	Soluble	Solid	300.0	137675
880-70862-36	S-6 (5')	Soluble	Solid	300.0	137675
MB 880-137675/1-A	Method Blank	Soluble	Solid	300.0	137675
LCS 880-137675/2-A	Lab Control Sample	Soluble	Solid	300.0	137675
LCSD 880-137675/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137675
880-70862-29 MS	S-5 (4')	Soluble	Solid	300.0	137675
880-70862-29 MSD	S-5 (4')	Soluble	Solid	300.0	137675

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

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

Lab Sample ID: 880-70862-1

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 09:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 09:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 05:51	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	137558	04/13/26 12:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137820	04/16/26 05:51	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137673	04/14/26 10:01	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	137710	04/14/26 21:06	CS	EET MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-70862-2

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 09:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 09:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 06:06	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	137558	04/13/26 12:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137820	04/16/26 06:06	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137673	04/14/26 10:01	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137710	04/14/26 21:21	CS	EET MID

Client Sample ID: S-1 (2')

Lab Sample ID: 880-70862-3

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 09:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 09:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 06:23	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	137558	04/13/26 12:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137820	04/16/26 06:23	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137673	04/14/26 10:01	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137710	04/14/26 21:27	CS	EET MID

Client Sample ID: S-1 (3')

Lab Sample ID: 880-70862-4

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 10:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 10:08	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-1 (3')

Lab Sample ID: 880-70862-4

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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			138053	04/16/26 06:37	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	137558	04/13/26 12:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137820	04/16/26 06:37	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137673	04/14/26 10:01	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137710	04/14/26 21:32	CS	EET MID

Client Sample ID: S-1 (4')

Lab Sample ID: 880-70862-5

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 10:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 10:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 06:53	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137558	04/13/26 12:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137820	04/16/26 06:53	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	137673	04/14/26 10:01	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137710	04/14/26 21:37	CS	EET MID

Client Sample ID: S-1 (5')

Lab Sample ID: 880-70862-6

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 10:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 10:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 07:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137558	04/13/26 12:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137820	04/16/26 07:08	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137673	04/14/26 10:01	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137710	04/14/26 21:42	CS	EET MID

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

Lab Sample ID: 880-70862-7

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 11:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 11:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 07:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137558	04/13/26 12:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137820	04/16/26 07:24	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

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

Lab Sample ID: 880-70862-7

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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	137673	04/14/26 10:01	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137710	04/14/26 21:47	CS	EET MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-70862-8

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 11:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 11:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 07:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137558	04/13/26 12:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137820	04/16/26 07:39	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137673	04/14/26 10:01	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137710	04/14/26 21:53	CS	EET MID

Client Sample ID: S-2 (2')

Lab Sample ID: 880-70862-9

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 11:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 11:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 07:54	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137558	04/13/26 12:09	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137820	04/16/26 07:54	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137708	04/15/26 03:05	CS	EET MID

Client Sample ID: S-2 (3')

Lab Sample ID: 880-70862-10

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 12:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 12:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 02:16	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 02:16	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137708	04/15/26 03:21	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-2 (4')

Lab Sample ID: 880-70862-11

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 13:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 13:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 03:01	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 03:01	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137708	04/15/26 09:00	CS	EET MID

Client Sample ID: S-2 (5')

Lab Sample ID: 880-70862-12

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 14:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 14:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 03:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 03:17	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137708	04/15/26 03:27	CS	EET MID

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

Lab Sample ID: 880-70862-13

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 14:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 14:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 03:32	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 03:32	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137708	04/15/26 09:06	CS	EET MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-70862-14

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 14:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 14:47	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-70862-14

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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			138053	04/16/26 03:48	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 03:48	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137708	04/15/26 03:44	CS	EET MID

Client Sample ID: S-3 (2')

Lab Sample ID: 880-70862-15

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 15:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 15:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 04:03	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 04:03	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137708	04/15/26 03:49	CS	EET MID

Client Sample ID: S-3 (3')

Lab Sample ID: 880-70862-16

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 15:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 15:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 04:19	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 04:19	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137708	04/15/26 03:55	CS	EET MID

Client Sample ID: S-3 (4')

Lab Sample ID: 880-70862-17

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 15:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 15:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 04:34	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 04:34	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-3 (4')

Lab Sample ID: 880-70862-17

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137708	04/15/26 04:00	CS	EET MID

Client Sample ID: S-3 (5')

Lab Sample ID: 880-70862-18

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 16:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 16:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 04:50	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 04:50	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137708	04/15/26 04:05	CS	EET MID

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

Lab Sample ID: 880-70862-19

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 16:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 16:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 05:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 05:05	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	137708	04/15/26 04:10	CS	EET MID

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-70862-20

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137856	04/15/26 13:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138204	04/19/26 16:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 16:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 05:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 05:36	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	137708	04/15/26 04:26	CS	EET MID

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-4 (2')

Lab Sample ID: 880-70862-21

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/15/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 00:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 00:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 05:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 05:51	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	137708	04/15/26 04:31	CS	EET MID

Client Sample ID: S-4 (3')

Lab Sample ID: 880-70862-22

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	137862	04/15/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 01:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 01:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 06:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 06:06	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	137708	04/15/26 04:47	CS	EET MID

Client Sample ID: S-4 (4')

Lab Sample ID: 880-70862-23

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/15/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 01:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 01:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 06:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 06:23	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	137708	04/15/26 04:52	CS	EET MID

Client Sample ID: S-4 (5')

Lab Sample ID: 880-70862-24

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/15/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 01:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 01:49	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-4 (5')

Lab Sample ID: 880-70862-24

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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			138053	04/16/26 06:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 06:37	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	137708	04/15/26 04:57	CS	EET MID

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

Lab Sample ID: 880-70862-25

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/15/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 02:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 02:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 06:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 06:53	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137708	04/15/26 05:02	CS	EET MID

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-70862-26

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/15/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 02:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 02:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 07:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 07:08	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137708	04/15/26 05:08	CS	EET MID

Client Sample ID: S-5 (2')

Lab Sample ID: 880-70862-27

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/15/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 02:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 02:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 07:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 07:24	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-5 (2')

Lab Sample ID: 880-70862-27

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137708	04/15/26 05:13	CS	EET MID

Client Sample ID: S-5 (3')

Lab Sample ID: 880-70862-28

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/15/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 03:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 03:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 07:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 07:39	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	137674	04/14/26 10:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137708	04/15/26 09:23	CS	EET MID

Client Sample ID: S-5 (4')

Lab Sample ID: 880-70862-29

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/15/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 03:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 03:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/16/26 07:54	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137629	04/14/26 07:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137818	04/16/26 07:54	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137675	04/14/26 10:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137713	04/16/26 17:54	CS	EET MID

Client Sample ID: S-5 (5')

Lab Sample ID: 880-70862-30

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/15/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 03:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 03:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/17/26 02:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137709	04/14/26 13:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137963	04/17/26 02:28	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137675	04/14/26 10:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137713	04/16/26 18:12	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

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

Lab Sample ID: 880-70862-31

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/15/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 05:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 05:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/17/26 03:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137709	04/14/26 13:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137963	04/17/26 03:14	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137675	04/14/26 10:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137713	04/16/26 18:18	CS	EET MID

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-70862-32

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/15/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 05:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 05:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/17/26 03:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137709	04/14/26 13:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137963	04/17/26 03:30	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137675	04/14/26 10:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137713	04/16/26 18:24	CS	EET MID

Client Sample ID: S-6 (2')

Lab Sample ID: 880-70862-33

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/15/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 06:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 06:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/17/26 03:45	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	137709	04/14/26 13:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137963	04/17/26 03:45	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137675	04/14/26 10:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137713	04/16/26 18:30	CS	EET MID

Client Sample ID: S-6 (3')

Lab Sample ID: 880-70862-34

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/15/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 06:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 06:28	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Client Sample ID: S-6 (3')

Lab Sample ID: 880-70862-34

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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			138053	04/17/26 04:01	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137709	04/14/26 13:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137963	04/17/26 04:01	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	137675	04/14/26 10:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137713	04/16/26 18:47	CS	EET MID

Client Sample ID: S-6 (4')

Lab Sample ID: 880-70862-35

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/15/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 06:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 06:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/17/26 04:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137709	04/14/26 13:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137963	04/17/26 04:15	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137675	04/14/26 10:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137713	04/16/26 18:53	CS	EET MID

Client Sample ID: S-6 (5')

Lab Sample ID: 880-70862-36

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/15/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 07:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138375	04/19/26 07:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			138053	04/17/26 04:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137709	04/14/26 13:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137963	04/17/26 04:31	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137675	04/14/26 10:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137713	04/16/26 18:59	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 South Tank Battery (12.07.2020)

Job ID: 880-70862-1
SDG: Leea 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

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Method Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea 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 South Tank Battery (12.07.2020)

Job ID: 880-70862-1
 SDG: Leea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-70862-1	S-1 (0-1')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-2	S-1 (1.5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-3	S-1 (2')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-4	S-1 (3')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-5	S-1 (4')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-6	S-1 (5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-7	S-2 (0-1')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-8	S-2 (1.5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-9	S-2 (2')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-10	S-2 (3')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-11	S-2 (4')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-12	S-2 (5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-13	S-3 (0-1')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-14	S-3 (1.5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-15	S-3 (2')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-16	S-3 (3')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-17	S-3 (4')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-18	S-3 (5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-19	S-4 (0-1')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-20	S-4 (1.5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-21	S-4 (2')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-22	S-4 (3')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-23	S-4 (4')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-24	S-4 (5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-25	S-5 (0-1')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-26	S-5 (1.5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-27	S-5 (2')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-28	S-5 (3')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-29	S-5 (4')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-30	S-5 (5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-31	S-6 (0-1')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-32	S-6 (1.5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-33	S-6 (2')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-34	S-6 (3')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-35	S-6 (4')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70862-36	S-6 (5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas

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Chain of Custody



880-70862 Chain of Custody

Page 1 of 4

Project Manager:	Ashton Thielke	Bill to: (if different)	Lea Luing
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:	lea.luing@colerra.com & ashton.thielke@colerra.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Pres. Code	ANALYSIS REQUEST	Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0			
S-1 (0-1')	4/13/2026		X		G	1	X	X	X			None: NO DI Water: H ₂ O
S-1 (1.5')	4/13/2026		X		G	1	X	X	X			Cool: Cool MeOH: Me
S-1 (2')	4/13/2026		X		G	1	X	X	X			HCL: HC HNO ₃ : HN
S-1 (3')	4/13/2026		X		G	1	X	X	X			H ₂ SO ₄ : H ₂ NaOH: Na
S-1 (4')	4/13/2026		X		G	1	X	X	X			H ₃ PO ₄ : HP
S-1 (5')	4/13/2026		X		G	1	X	X	X			NaHSO ₄ : NABIS
S-2 (0-1')	4/13/2026		X		G	1	X	X	X			Na ₂ S ₂ O ₈ : NaSO ₃
S-2 (1.5')	4/13/2026		X		G	1	X	X	X			Zn Acetate+NaOH: Zn
S-2 (2')	4/13/2026		X		G	1	X	X	X			NaOH+Ascorbic Acid: SAPC
S-2 (3')	4/13/2026		X		G	1	X	X	X			

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	4-13-26 1351	<i>[Signature]</i>	4-13-26 1351

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Chain of Custody

Work Order No: _____

Page 2 of 4

Project Manager: Ashton Thielke	Bill to: (if different) Lael Lujg
Company Name: Carrmona Resources	Company Name: Cimarex Energy
Address: 310 W Wall St Ste 500	Address: 600 N Marrenfield St, Suite 600
City, State ZIP: Midland, TX 79701	City, State ZIP: Midland, TX 79701
Phone: 432-813-8988	Email: lael.lujg@colerra.com & ashton.thielke@colerra.com

Program: <input checked="" type="checkbox"/> USTR/ST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund State of Project: _____ Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____	Work Order Comments _____
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------

Project Name:	Lea South Tank Battery (12.07.2020)	Turn Around		Pres. Code	ANALYSIS REQUEST			Preservative Codes		
		<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush		BTX 6021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	None: NO	DI Water: H ₂ O	
Project Number:	3215									
Project Location:	Lea County, New Mexico	Due Date:	Standard							
Sampler's Name:	JDC									
PO #:										
SAMPLE RECEIPT	Temp Blank: <input checked="" type="radio"/> Yes <input type="radio"/> No	Thermometer ID:	Wet Ice: <input checked="" type="radio"/> Yes <input type="radio"/> No							
Received Intact:	<input checked="" type="radio"/> Yes <input type="radio"/> No	Correction Factor:								
Cooler Custody Seals:	Yes <input checked="" type="radio"/> No <input type="radio"/> N/A	Temperature Reading:	3.8							
Sample Custody Seals:	Yes <input checked="" type="radio"/> No <input type="radio"/> N/A	Corrected Temperature:	3.9							
Total Containers:		Corrected Temperature:								
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Sample Comments			
S-2 (4)	4/13/2026		X		G	1	X	X	X	
S-2 (5)	4/13/2026		X		G	1	X	X	X	
S-3 (0-1)	4/13/2026		X		G	1	X	X	X	
S-3 (1.5)	4/13/2026		X		G	1	X	X	X	
S-3 (2)	4/13/2026		X		G	1	X	X	X	
S-3 (3)	4/13/2026		X		G	1	X	X	X	
S-3 (4)	4/13/2026		X		G	1	X	X	X	
S-3 (5)	4/13/2026		X		G	1	X	X	X	
S-4 (0-1)	4/13/2026		X		G	1	X	X	X	
S-4 (1.5)	4/13/2026		X		G	1	X	X	X	

Comments:

Relinquished by: (Signature) Date/Time 4/13 1351

Received by: (Signature) Date/Time 4/13 1351

Relinquished by: (Signature) Date/Time 4/13 1351

Received by: (Signature) Date/Time 4/13 1351



Chain of Custody

Work Order No: _____

Page 3 of 4

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Lujig
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:	432-613-8988	Email:	laci.lujig@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: UST/PRP <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Reporting: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____

Project Name:	Lea South Tank Battery (12.07.2020)	Turn Around		Pres Code	ANALYSIS REQUEST												Preservative Codes			
		<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush		BTX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0											None: NO	DI Water: H ₂ O	
Project Location:	Lea County, New Mexico	Due Date:	Standard	Parameters													Cool: Cool	MeOH: Me		
Sampler's Name:	JDC	Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No														HCl: HC	HNO ₃ : HN		
PO #:		Temp Blank:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No														H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Thermometer ID:	IK5														H ₃ PO ₄ : HP			
Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Correction Factor:	3.8														NaHSO ₄ : NABIS			
Cooler Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Temperature Reading:	3.9														Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Corrected Temperature:															Zn Acetate+NaOH: Zn			
Total Containers:																	NaOH+Ascorbic Acid: SABC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
S-4 (2)	4/13/2026		X		G	1	X	X	X											
S-4 (3)	4/13/2026		X		G	1	X	X	X											
S-4 (4)	4/13/2026		X		G	1	X	X	X											
S-4 (5)	4/13/2026		X		G	1	X	X	X											
S-5 (0-1)	4/13/2026		X		G	1	X	X	X											
S-5 (1.5)	4/13/2026		X		G	1	X	X	X											
S-5 (2)	4/13/2026		X		G	1	X	X	X											
S-5 (3)	4/13/2026		X		G	1	X	X	X											
S-5 (4)	4/13/2026		X		G	1	X	X	X											
S-5 (5)	4/13/2026		X		G	1	X	X	X											

Comments:

Relinquished by: (Signature) *[Signature]* Date/Time 4/13 1351

Received by: (Signature) *[Signature]* Date/Time 4-18 1351

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Chain of Custody

Work Order No: _____

Page 4 of 4

Project Manager:	Ashton Thielke	Bill to: (if different)	Laici Lujig
Company Name:	Carmona Resources	Company Name:	Cinara 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:	laici.lujig@coterra.com & ashton.thielke@coterra.com

Work Order Comments Program: USTR/ST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> State of Project: _____ Reporting Level: Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: _____	Preservative Codes None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NASO ₅ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Project Name:	Lea South Tank Battery (12.07.2020)	Turn Around		Pres. Code	ANALYSIS REQUEST			Sample Comments
		<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush		BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	
Project Number:	3215							
Project Location:	Lea County, New Mexico	Due Date:						
Sampler's Name:	JDC							
PO #:								
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:		IPRS				
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:		3.78				
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:		3.24				
Total Containers:								
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont		
S-6 (0-1')	4/13/2026		X		G	1	X	X
S-6 (1.5')	4/13/2026		X		G	1	X	X
S-6 (2')	4/13/2026		X		G	1	X	X
S-6 (3')	4/13/2026		X		G	1	X	X
S-6 (4')	4/13/2026		X		G	1	X	X
S-6 (5')	4/13/2026		X		G	1	X	X

Comments:

Relinquished by: (Signature) _____ Date/Time 4-13 1351

Received by: (Signature) _____ Date/Time 4-13 1351

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-70862-1
SDG Number: Leea County New Mexico

Login Number: 70862
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	

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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 4/20/2026 10:03:32 PM

JOB DESCRIPTION

Lea South Tank Battery (12.07.2020)
 Lea County New Mexico

JOB NUMBER

880-70864-1

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
4/20/2026 10:03:32 PM

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

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Client: Carmona Resources
Project/Site: Lea South Tank Battery (12.07.2020)

Laboratory Job ID: 880-70864-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
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 South Tank Battery (12.07.2020)

Job ID: 880-70864-1

Job ID: 880-70864-1

Eurofins Midland

Job Narrative 880-70864-1

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

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

Receipt

The samples were received on 4/13/2026 1:51 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 3.9°C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137862 and analytical batch 880-138148 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: H - 2 (0-0.5') (880-70864-2), (CCV 880-138148/113) and (CCV 880-138148/64). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: LCS biased low for Ethylbenzene. Since only an acceptable LCS or LCSD is required per the method, the LCSD shows recovery for the batch therefore the data has been qualified and reported.

(LCS 880-137862/1-A)

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-137709/2-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-137709/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: H - 1 (0-0.5') (880-70864-1), H - 4 (0-0.5') (880-70864-4), H - 5 (0-0.5') (880-70864-5), H - 6 (0-0.5') (880-70864-6), H - 7 (0-0.5') (880-70864-7), H - 8 (0-0.5') (880-70864-8) and (880-70862-A-30-E). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (880-70862-A-30-F MS) and (880-70862-A-30-G 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: H - 2 (0-0.5') (880-70864-2) and H - 3 (0-0.5') (880-70864-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137675 and analytical batch 880-137713 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix

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Case Narrative

Client: Carmona Resources
Project: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1

Job ID: 880-70864-1 (Continued)

Eurofins Midland

interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-70864-1

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/17/26 13:56	04/19/26 07:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/17/26 13:56	04/19/26 07:29	1
Ethylbenzene	<0.00201	U *- *1	0.00201		mg/Kg		04/17/26 13:56	04/19/26 07:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/17/26 13:56	04/19/26 07:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/17/26 13:56	04/19/26 07:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/17/26 13:56	04/19/26 07:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	04/17/26 13:56	04/19/26 07:29	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/17/26 13:56	04/19/26 07:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/19/26 07:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/26 04:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/26 13:29	04/17/26 04:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 13:29	04/17/26 04:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 13:29	04/17/26 04:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	145	S1+	70 - 130	04/14/26 13:29	04/17/26 04:46	1
o-Terphenyl (Surr)	192	S1+	70 - 130	04/14/26 13:29	04/17/26 04:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	93.6		10.0		mg/Kg			04/16/26 19:05	1

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

Lab Sample ID: 880-70864-2

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/17/26 13:56	04/19/26 07:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/17/26 13:56	04/19/26 07:50	1
Ethylbenzene	<0.00202	U *- *1	0.00202		mg/Kg		04/17/26 13:56	04/19/26 07:50	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/17/26 13:56	04/19/26 07:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/17/26 13:56	04/19/26 07:50	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/17/26 13:56	04/19/26 07:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	04/17/26 13:56	04/19/26 07:50	1
1,4-Difluorobenzene (Surr)	109		70 - 130	04/17/26 13:56	04/19/26 07:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-70864-2

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/19/26 07:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/17/26 05:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/14/26 13:29	04/17/26 05:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/26 13:29	04/17/26 05:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/26 13:29	04/17/26 05:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	129		70 - 130				04/14/26 13:29	04/17/26 05:01	1
o-Terphenyl (Surr)	178	S1+	70 - 130				04/14/26 13:29	04/17/26 05:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			04/16/26 19:11	1

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

Lab Sample ID: 880-70864-3

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/17/26 13:56	04/19/26 08:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/17/26 13:56	04/19/26 08:10	1
Ethylbenzene	<0.00199	U * - *1	0.00199		mg/Kg		04/17/26 13:56	04/19/26 08:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/17/26 13:56	04/19/26 08:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/17/26 13:56	04/19/26 08:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/17/26 13:56	04/19/26 08:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				04/17/26 13:56	04/19/26 08:10	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/17/26 13:56	04/19/26 08:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/19/26 08:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/26 05:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 05:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 05:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-70864-3

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 05:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130				04/14/26 13:29	04/17/26 05:16	1
o-Terphenyl (Surr)	176	S1+	70 - 130				04/14/26 13:29	04/17/26 05:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U F1	9.96		mg/Kg			04/16/26 19:17	1

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

Lab Sample ID: 880-70864-4

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/17/26 13:56	04/19/26 08:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/17/26 13:56	04/19/26 08:31	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		04/17/26 13:56	04/19/26 08:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/17/26 13:56	04/19/26 08:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/17/26 13:56	04/19/26 08:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/17/26 13:56	04/19/26 08:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				04/17/26 13:56	04/19/26 08:31	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/17/26 13:56	04/19/26 08:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/19/26 08:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/26 05:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/26 13:29	04/17/26 05:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 13:29	04/17/26 05:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 13:29	04/17/26 05:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	135	S1+	70 - 130				04/14/26 13:29	04/17/26 05:46	1
o-Terphenyl (Surr)	148	S1+	70 - 130				04/14/26 13:29	04/17/26 05:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			04/16/26 19:46	1

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-70864-5

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:36	04/19/26 04:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:36	04/19/26 04:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:36	04/19/26 04:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/15/26 13:36	04/19/26 04:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/15/26 13:36	04/19/26 04:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/15/26 13:36	04/19/26 04:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/15/26 13:36	04/19/26 04:42	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/15/26 13:36	04/19/26 04:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/19/26 04:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/26 06:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 06:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 06:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 06:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	133	S1+	70 - 130	04/14/26 13:29	04/17/26 06:02	1
o-Terphenyl (Surr)	169	S1+	70 - 130	04/14/26 13:29	04/17/26 06:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	343		9.92		mg/Kg			04/16/26 19:40	1

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

Lab Sample ID: 880-70864-6

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:36	04/19/26 05:03	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:36	04/19/26 05:03	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:36	04/19/26 05:03	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/15/26 13:36	04/19/26 05:03	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/15/26 13:36	04/19/26 05:03	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/15/26 13:36	04/19/26 05:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/15/26 13:36	04/19/26 05:03	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/15/26 13:36	04/19/26 05:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-70864-6

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/19/26 05:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/17/26 06:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/26 13:29	04/17/26 06:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 13:29	04/17/26 06:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 13:29	04/17/26 06:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	168	S1+	70 - 130				04/14/26 13:29	04/17/26 06:17	1
o-Terphenyl (Surr)	186	S1+	70 - 130				04/14/26 13:29	04/17/26 06:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.0		10.1		mg/Kg			04/16/26 20:10	1

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

Lab Sample ID: 880-70864-7

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:36	04/19/26 05:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:36	04/19/26 05:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:36	04/19/26 05:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/15/26 13:36	04/19/26 05:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/15/26 13:36	04/19/26 05:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/15/26 13:36	04/19/26 05:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/15/26 13:36	04/19/26 05:23	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/15/26 13:36	04/19/26 05:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/19/26 05:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/26 06:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 06:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 06:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-70864-7

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 06:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	134	S1+	70 - 130				04/14/26 13:29	04/17/26 06:33	1
o-Terphenyl (Surr)	174	S1+	70 - 130				04/14/26 13:29	04/17/26 06:33	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			04/16/26 20:15	1

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

Lab Sample ID: 880-70864-8

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/15/26 13:36	04/19/26 05:44	1
Toluene	0.00229		0.00198		mg/Kg		04/15/26 13:36	04/19/26 05:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/15/26 13:36	04/19/26 05:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/15/26 13:36	04/19/26 05:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/15/26 13:36	04/19/26 05:44	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/15/26 13:36	04/19/26 05:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				04/15/26 13:36	04/19/26 05:44	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/15/26 13:36	04/19/26 05:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/19/26 05:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/26 06:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 06:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 06:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/26 13:29	04/17/26 06:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	171	S1+	70 - 130				04/14/26 13:29	04/17/26 06:47	1
o-Terphenyl (Surr)	181	S1+	70 - 130				04/14/26 13:29	04/17/26 06:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			04/16/26 20:20	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
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)
880-70862-A-21-C MS	Matrix Spike	81	85
880-70862-A-21-D MSD	Matrix Spike Duplicate	85	89
880-70864-1	H - 1 (0-0.5')	114	96
880-70864-2	H - 2 (0-0.5')	139 S1+	109
880-70864-3	H - 3 (0-0.5')	113	95
880-70864-4	H - 4 (0-0.5')	112	92
880-70864-5	H - 5 (0-0.5')	103	104
880-70864-6	H - 6 (0-0.5')	104	98
880-70864-7	H - 7 (0-0.5')	102	96
880-70864-8	H - 8 (0-0.5')	107	99
890-9804-A-1-A MS	Matrix Spike	104	100
890-9804-A-1-B MSD	Matrix Spike Duplicate	103	109
LCS 880-137853/1-A	Lab Control Sample	102	99
LCS 880-137862/1-A	Lab Control Sample	83	87
LCSD 880-137853/2-A	Lab Control Sample Dup	96	96
LCSD 880-137862/2-A	Lab Control Sample Dup	87	100
MB 880-137844/5-A	Method Blank	96	82
MB 880-137853/5-A	Method Blank	101	98
MB 880-137862/5-A	Method Blank	95	79

Surrogate Legend
BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-70862-A-30-F MS	Matrix Spike	116	164 S1+
880-70862-A-30-G MSD	Matrix Spike Duplicate	116	165 S1+
880-70864-1	H - 1 (0-0.5')	145 S1+	192 S1+
880-70864-2	H - 2 (0-0.5')	129	178 S1+
880-70864-3	H - 3 (0-0.5')	126	176 S1+
880-70864-4	H - 4 (0-0.5')	135 S1+	148 S1+
880-70864-5	H - 5 (0-0.5')	133 S1+	169 S1+
880-70864-6	H - 6 (0-0.5')	168 S1+	186 S1+
880-70864-7	H - 7 (0-0.5')	134 S1+	174 S1+
880-70864-8	H - 8 (0-0.5')	171 S1+	181 S1+
LCS 880-137709/2-A	Lab Control Sample	138 S1+	125
LCSD 880-137709/3-A	Lab Control Sample Dup	121	140 S1+
MB 880-137709/1-A	Method Blank	94	121

Surrogate Legend
1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-137844/5-A
 Matrix: Solid
 Analysis Batch: 138148

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 137844

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 12:07	04/18/26 13:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 12:07	04/18/26 13:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/26 12:07	04/18/26 13:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/15/26 12:07	04/18/26 13:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 12:07	04/18/26 13:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/15/26 12:07	04/18/26 13:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/15/26 12:07	04/18/26 13:08	1
1,4-Difluorobenzene (Surr)	82		70 - 130	04/15/26 12:07	04/18/26 13:08	1

Lab Sample ID: MB 880-137853/5-A
 Matrix: Solid
 Analysis Batch: 138212

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 137853

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:36	04/18/26 21:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:36	04/18/26 21:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:36	04/18/26 21:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/15/26 13:36	04/18/26 21:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:36	04/18/26 21:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/15/26 13:36	04/18/26 21:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/15/26 13:36	04/18/26 21:48	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/15/26 13:36	04/18/26 21:48	1

Lab Sample ID: LCS 880-137853/1-A
 Matrix: Solid
 Analysis Batch: 138212

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 137853

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1134		mg/Kg		113	70 - 130
Toluene	0.100	0.1117		mg/Kg		112	70 - 130
Ethylbenzene	0.100	0.1086		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	0.200	0.2207		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1098		mg/Kg		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-137853/2-A
 Matrix: Solid
 Analysis Batch: 138212

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 137853

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1086		mg/Kg		109	70 - 130	4	35

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-137853/2-A
 Matrix: Solid
 Analysis Batch: 138212

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 137853

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1074		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1032		mg/Kg		103	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2082		mg/Kg		104	70 - 130	6	35
o-Xylene	0.100	0.1036		mg/Kg		104	70 - 130	6	35

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

Lab Sample ID: 890-9804-A-1-A MS
 Matrix: Solid
 Analysis Batch: 138212

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 137853

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09784		mg/Kg		98	70 - 130
Toluene	<0.00200	U	0.100	0.09688		mg/Kg		97	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09372		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1951		mg/Kg		98	70 - 130
o-Xylene	<0.00200	U	0.100	0.09966		mg/Kg		100	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-9804-A-1-B MSD
 Matrix: Solid
 Analysis Batch: 138212

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 137853

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	0.09980		mg/Kg		100	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.09900		mg/Kg		99	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.09460		mg/Kg		95	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1995		mg/Kg		100	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.09856		mg/Kg		99	70 - 130	1	35

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

Lab Sample ID: MB 880-137862/5-A
 Matrix: Solid
 Analysis Batch: 138148

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 137862

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 00:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 00:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 00:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/15/26 13:56	04/19/26 00:26	1

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-137862/5-A
Matrix: Solid
Analysis Batch: 138148

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137862

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/26 13:56	04/19/26 00:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/15/26 13:56	04/19/26 00:26	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	95		70 - 130	04/15/26 13:56	04/19/26 00:26	1
1,4-Difluorobenzene (Surr)	79		70 - 130	04/15/26 13:56	04/19/26 00:26	1

Lab Sample ID: LCS 880-137862/1-A
Matrix: Solid
Analysis Batch: 138148

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137862

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.07895		mg/Kg		79	70 - 130
Toluene	0.100	0.08015		mg/Kg		80	70 - 130
Ethylbenzene	0.100	0.05677	*	mg/Kg		57	70 - 130
m-Xylene & p-Xylene	0.200	0.1520		mg/Kg		76	70 - 130
o-Xylene	0.100	0.08012		mg/Kg		80	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	83		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: LCSD 880-137862/2-A
Matrix: Solid
Analysis Batch: 138148

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137862

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
Benzene	0.100	0.09421		mg/Kg		94	70 - 130	18	35
Toluene	0.100	0.08678		mg/Kg		87	70 - 130	8	35
Ethylbenzene	0.100	0.09536	*1	mg/Kg		95	70 - 130	51	35
m-Xylene & p-Xylene	0.200	0.2060		mg/Kg		103	70 - 130	30	35
o-Xylene	0.100	0.09376		mg/Kg		94	70 - 130	16	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-70862-A-21-C MS
Matrix: Solid
Analysis Batch: 138148

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 137862

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00200	U F1	0.100	0.06222	F1	mg/Kg		62	70 - 130
Toluene	<0.00200	U	0.100	0.07907		mg/Kg		79	70 - 130
Ethylbenzene	<0.00200	U * - *1	0.100	0.07098		mg/Kg		71	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1603		mg/Kg		80	70 - 130
o-Xylene	<0.00200	U	0.100	0.08309		mg/Kg		83	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-70862-A-21-C MS
 Matrix: Solid
 Analysis Batch: 138148

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 137862

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	81		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 880-70862-A-21-D MSD
 Matrix: Solid
 Analysis Batch: 138148

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 137862

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	0.05954	F1	mg/Kg		60	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.07751		mg/Kg		78	70 - 130	2	35
Ethylbenzene	<0.00200	U *- *1	0.100	0.07248		mg/Kg		72	70 - 130	2	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1686		mg/Kg		84	70 - 130	5	35
o-Xylene	<0.00200	U	0.100	0.08799		mg/Kg		88	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

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

Lab Sample ID: MB 880-137709/1-A
 Matrix: Solid
 Analysis Batch: 137963

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 137709

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/26 13:28	04/17/26 01:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/26 13:28	04/17/26 01:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/26 13:28	04/17/26 01:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130	04/14/26 13:28	04/17/26 01:41	1
o-Terphenyl (Surr)	121		70 - 130	04/14/26 13:28	04/17/26 01:41	1

Lab Sample ID: LCS 880-137709/2-A
 Matrix: Solid
 Analysis Batch: 137963

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 137709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1171		mg/Kg		117	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1237		mg/Kg		124	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	138	S1+	70 - 130
o-Terphenyl (Surr)	125		70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-137709/3-A
 Matrix: Solid
 Analysis Batch: 137963

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 137709

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	1023		mg/Kg		102	70 - 130	14	20	
Diesel Range Organics (Over C10-C28)	1000	1292		mg/Kg		129	70 - 130	4	20	
		LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	121		70 - 130							
o-Terphenyl (Surr)	140	S1+	70 - 130							

Lab Sample ID: 880-70862-A-30-F MS
 Matrix: Solid
 Analysis Batch: 137963

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 137709

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	755.2		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1094		mg/Kg		110	70 - 130
		MS	MS						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	116		70 - 130						
o-Terphenyl (Surr)	164	S1+	70 - 130						

Lab Sample ID: 880-70862-A-30-G MSD
 Matrix: Solid
 Analysis Batch: 137963

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 137709

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	768.6		mg/Kg		77	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1131		mg/Kg		113	70 - 130	3	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	116		70 - 130								
o-Terphenyl (Surr)	165	S1+	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-137675/1-A
 Matrix: Solid
 Analysis Batch: 137713

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/16/26 17:19	1

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-137675/2-A
Matrix: Solid
Analysis Batch: 137713

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.8		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-137675/3-A
Matrix: Solid
Analysis Batch: 137713

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	268.5		mg/Kg		107	90 - 110	5	20

Lab Sample ID: 880-70864-3 MS
Matrix: Solid
Analysis Batch: 137713

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.96	U F1	249	293.4	F1	mg/Kg		115	90 - 110

Lab Sample ID: 880-70864-3 MSD
Matrix: Solid
Analysis Batch: 137713

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.96	U F1	249	294.0	F1	mg/Kg		115	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 SDG: Lea County New Mexico

GC VOA

Prep Batch: 137844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-137844/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 137853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70864-5	H - 5 (0-0.5')	Total/NA	Solid	5035	
880-70864-6	H - 6 (0-0.5')	Total/NA	Solid	5035	
880-70864-7	H - 7 (0-0.5')	Total/NA	Solid	5035	
880-70864-8	H - 8 (0-0.5')	Total/NA	Solid	5035	
MB 880-137853/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137853/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137853/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9804-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-9804-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 137862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70864-1	H - 1 (0-0.5')	Total/NA	Solid	5035	
880-70864-2	H - 2 (0-0.5')	Total/NA	Solid	5035	
880-70864-3	H - 3 (0-0.5')	Total/NA	Solid	5035	
880-70864-4	H - 4 (0-0.5')	Total/NA	Solid	5035	
MB 880-137862/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137862/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137862/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-70862-A-21-C MS	Matrix Spike	Total/NA	Solid	5035	
880-70862-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 138148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70864-1	H - 1 (0-0.5')	Total/NA	Solid	8021B	137862
880-70864-2	H - 2 (0-0.5')	Total/NA	Solid	8021B	137862
880-70864-3	H - 3 (0-0.5')	Total/NA	Solid	8021B	137862
880-70864-4	H - 4 (0-0.5')	Total/NA	Solid	8021B	137862
MB 880-137844/5-A	Method Blank	Total/NA	Solid	8021B	137844
MB 880-137862/5-A	Method Blank	Total/NA	Solid	8021B	137862
LCS 880-137862/1-A	Lab Control Sample	Total/NA	Solid	8021B	137862
LCSD 880-137862/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137862
880-70862-A-21-C MS	Matrix Spike	Total/NA	Solid	8021B	137862
880-70862-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	137862

Analysis Batch: 138212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70864-5	H - 5 (0-0.5')	Total/NA	Solid	8021B	137853
880-70864-6	H - 6 (0-0.5')	Total/NA	Solid	8021B	137853
880-70864-7	H - 7 (0-0.5')	Total/NA	Solid	8021B	137853
880-70864-8	H - 8 (0-0.5')	Total/NA	Solid	8021B	137853
MB 880-137853/5-A	Method Blank	Total/NA	Solid	8021B	137853
LCS 880-137853/1-A	Lab Control Sample	Total/NA	Solid	8021B	137853
LCSD 880-137853/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137853
890-9804-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	137853
890-9804-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	137853

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QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 SDG: Lea County New Mexico

GC VOA

Analysis Batch: 138301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70864-1	H - 1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-70864-2	H - 2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-70864-3	H - 3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-70864-4	H - 4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-70864-5	H - 5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-70864-6	H - 6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-70864-7	H - 7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-70864-8	H - 8 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 137709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70864-1	H - 1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-70864-2	H - 2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-70864-3	H - 3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-70864-4	H - 4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-70864-5	H - 5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-70864-6	H - 6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-70864-7	H - 7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-70864-8	H - 8 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-137709/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137709/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-137709/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-70862-A-30-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-70862-A-30-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 137963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70864-1	H - 1 (0-0.5')	Total/NA	Solid	8015B NM	137709
880-70864-2	H - 2 (0-0.5')	Total/NA	Solid	8015B NM	137709
880-70864-3	H - 3 (0-0.5')	Total/NA	Solid	8015B NM	137709
880-70864-4	H - 4 (0-0.5')	Total/NA	Solid	8015B NM	137709
880-70864-5	H - 5 (0-0.5')	Total/NA	Solid	8015B NM	137709
880-70864-6	H - 6 (0-0.5')	Total/NA	Solid	8015B NM	137709
880-70864-7	H - 7 (0-0.5')	Total/NA	Solid	8015B NM	137709
880-70864-8	H - 8 (0-0.5')	Total/NA	Solid	8015B NM	137709
MB 880-137709/1-A	Method Blank	Total/NA	Solid	8015B NM	137709
LCS 880-137709/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137709
LCS 880-137709/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137709
880-70862-A-30-F MS	Matrix Spike	Total/NA	Solid	8015B NM	137709
880-70862-A-30-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	137709

Analysis Batch: 138145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70864-1	H - 1 (0-0.5')	Total/NA	Solid	8015 NM	
880-70864-2	H - 2 (0-0.5')	Total/NA	Solid	8015 NM	
880-70864-3	H - 3 (0-0.5')	Total/NA	Solid	8015 NM	
880-70864-4	H - 4 (0-0.5')	Total/NA	Solid	8015 NM	
880-70864-5	H - 5 (0-0.5')	Total/NA	Solid	8015 NM	
880-70864-6	H - 6 (0-0.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 138145 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70864-7	H - 7 (0-0.5')	Total/NA	Solid	8015 NM	
880-70864-8	H - 8 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 137675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70864-1	H - 1 (0-0.5')	Soluble	Solid	DI Leach	
880-70864-2	H - 2 (0-0.5')	Soluble	Solid	DI Leach	
880-70864-3	H - 3 (0-0.5')	Soluble	Solid	DI Leach	
880-70864-4	H - 4 (0-0.5')	Soluble	Solid	DI Leach	
880-70864-5	H - 5 (0-0.5')	Soluble	Solid	DI Leach	
880-70864-6	H - 6 (0-0.5')	Soluble	Solid	DI Leach	
880-70864-7	H - 7 (0-0.5')	Soluble	Solid	DI Leach	
880-70864-8	H - 8 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-137675/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137675/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137675/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-70864-3 MS	H - 3 (0-0.5')	Soluble	Solid	DI Leach	
880-70864-3 MSD	H - 3 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 137713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70864-1	H - 1 (0-0.5')	Soluble	Solid	300.0	137675
880-70864-2	H - 2 (0-0.5')	Soluble	Solid	300.0	137675
880-70864-3	H - 3 (0-0.5')	Soluble	Solid	300.0	137675
880-70864-4	H - 4 (0-0.5')	Soluble	Solid	300.0	137675
880-70864-5	H - 5 (0-0.5')	Soluble	Solid	300.0	137675
880-70864-6	H - 6 (0-0.5')	Soluble	Solid	300.0	137675
880-70864-7	H - 7 (0-0.5')	Soluble	Solid	300.0	137675
880-70864-8	H - 8 (0-0.5')	Soluble	Solid	300.0	137675
MB 880-137675/1-A	Method Blank	Soluble	Solid	300.0	137675
LCS 880-137675/2-A	Lab Control Sample	Soluble	Solid	300.0	137675
LCSD 880-137675/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137675
880-70864-3 MS	H - 3 (0-0.5')	Soluble	Solid	300.0	137675
880-70864-3 MSD	H - 3 (0-0.5')	Soluble	Solid	300.0	137675

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-70864-1

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/17/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 07:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138301	04/19/26 07:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			138145	04/17/26 04:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137709	04/14/26 13:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137963	04/17/26 04:46	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137675	04/14/26 10:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137713	04/16/26 19:05	CS	EET MID

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

Lab Sample ID: 880-70864-2

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/17/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 07:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138301	04/19/26 07:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			138145	04/17/26 05:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137709	04/14/26 13:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137963	04/17/26 05:01	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137675	04/14/26 10:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137713	04/16/26 19:11	CS	EET MID

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

Lab Sample ID: 880-70864-3

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/17/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 08:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138301	04/19/26 08:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			138145	04/17/26 05:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137709	04/14/26 13:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137963	04/17/26 05:16	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137675	04/14/26 10:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137713	04/16/26 19:17	CS	EET MID

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

Lab Sample ID: 880-70864-4

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137862	04/17/26 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138148	04/19/26 08:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138301	04/19/26 08:31	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-70864-4

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

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			138145	04/17/26 05:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137709	04/14/26 13:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137963	04/17/26 05:46	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137675	04/14/26 10:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137713	04/16/26 19:46	CS	EET MID

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

Lab Sample ID: 880-70864-5

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137853	04/15/26 13:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138212	04/19/26 04:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138301	04/19/26 04:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			138145	04/17/26 06:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137709	04/14/26 13:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137963	04/17/26 06:02	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137675	04/14/26 10:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137713	04/16/26 19:40	CS	EET MID

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

Lab Sample ID: 880-70864-6

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137853	04/15/26 13:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138212	04/19/26 05:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138301	04/19/26 05:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			138145	04/17/26 06:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137709	04/14/26 13:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137963	04/17/26 06:17	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137675	04/14/26 10:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137713	04/16/26 20:10	CS	EET MID

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

Lab Sample ID: 880-70864-7

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137853	04/15/26 13:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138212	04/19/26 05:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138301	04/19/26 05:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			138145	04/17/26 06:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137709	04/14/26 13:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137963	04/17/26 06:33	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-70864-7

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	137675	04/14/26 10:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137713	04/16/26 20:15	CS	EET MID

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

Lab Sample ID: 880-70864-8

Date Collected: 04/13/26 00:00

Matrix: Solid

Date Received: 04/13/26 13:51

Prep 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	137853	04/15/26 13:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138212	04/19/26 05:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138301	04/19/26 05:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			138145	04/17/26 06:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137709	04/14/26 13:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137963	04/17/26 06:47	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137675	04/14/26 10:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137713	04/16/26 20:20	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 South Tank Battery (12.07.2020)

Job ID: 880-70864-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

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

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

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
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Method Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery (12.07.2020)

Job ID: 880-70864-1
 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 South Tank Battery (12.07.2020)

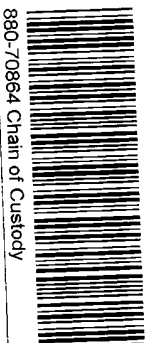
Job ID: 880-70864-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-70864-1	H - 1 (0-0.5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70864-2	H - 2 (0-0.5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70864-3	H - 3 (0-0.5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70864-4	H - 4 (0-0.5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70864-5	H - 5 (0-0.5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70864-6	H - 6 (0-0.5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70864-7	H - 7 (0-0.5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas
880-70864-8	H - 8 (0-0.5')	Solid	04/13/26 00:00	04/13/26 13:51	Texas

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Chain of Custody



880-70864 Chain of Custody

Page 1 of 1

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

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> AdAPT <input type="checkbox"/> Other:

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	
H-1 (0-0.5')	4/13/2026		X		G	1	X	X	X	None: NO Cool: Cool HCl: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
H-2 (0-0.5')	4/13/2026		X		G	1	X	X	X	
H-3 (0-0.5')	4/13/2026		X		G	1	X	X	X	
H-4 (0-0.5')	4/13/2026		X		G	1	X	X	X	
H-5 (0-0.5')	4/13/2026		X		G	1	X	X	X	
H-6 (0-0.5')	4/13/2026		X		G	1	X	X	X	
H-7 (0-0.5')	4/13/2026		X		G	1	X	X	X	
H-8 (0-0.5')	4/13/2026		X		G	1	X	X	X	

Comments:	
Relinquished by: (Signature)	Date/Time
<i>[Signature]</i>	4-18-26 1351
Received by: (Signature)	Date/Time
<i>[Signature]</i>	4-18-26 1351

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-70864-1
SDG Number: Lea County New Mexico

Login Number: 70864
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	

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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 5/7/2026 11:59:33 AM

JOB DESCRIPTION

Lea South Tank Battery
 Lea County New Mexico

JOB NUMBER

890-9862-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



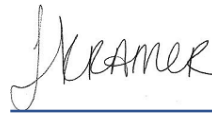
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
5/7/2026 11:59:33 AM

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

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Client: Carmona Resources
Project/Site: Lea South Tank Battery

Laboratory Job ID: 890-9862-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
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
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Lea South Tank Battery

Job ID: 890-9862-1

Job ID: 890-9862-1

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Job Narrative 890-9862-1

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

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

Receipt

The samples were received on 4/29/2026 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (0.5) (890-9862-1), CS-2 (0.5) (890-9862-2), CS-3 (0.5) (890-9862-3), CS-4 (0.5) (890-9862-4), CS-5 (0.5) (890-9862-5), CS-6 (0.5) (890-9862-6), CS-7 (0.5) (890-9862-7), CS-8 (0.5) (890-9862-8), CS-9 (0.5) (890-9862-9), CS-10 (0.5) (890-9862-10), CS-11 (0.5) (890-9862-11), CS-12 (0.5) (890-9862-12), CS-13 (0.5) (890-9862-13), CS-14 (0.5) (890-9862-14), CS-15 (0.5) (890-9862-15), CS-16 (0.5) (890-9862-16), CS-17 (0.5) (890-9862-17), CS-18 (0.5) (890-9862-18), CS-19 (0.5) (890-9862-19), CS-20 (0.5) (890-9862-20), CS-21 (0.5) (890-9862-21), CS-22 (0.5) (890-9862-22), CS-23 (0.5) (890-9862-23), CS-24 (0.5) (890-9862-24), CS-25 (0.5) (890-9862-25), CS-26 (0.5) (890-9862-26), CS-27 (0.5) (890-9862-27), CS-28 (0.5) (890-9862-28), CS-29 (0.5) (890-9862-29), CS-30 (0.5) (890-9862-30), CS-31 (0.5) (890-9862-31), CS-32 (0.5) (890-9862-32), CS-33 (0.5) (890-9862-33), CS-34 (0.5) (890-9862-34), CS-35 (0.5) (890-9862-35), CS-36 (0.5) (890-9862-36), CS-37 (0.5) (890-9862-37), CS-38 (0.5) (890-9862-38), CS-39 (0.5) (890-9862-39), CS-40 (0.5) (890-9862-40), CS-41 (0.5) (890-9862-41), CS-42 (0.5) (890-9862-42), CS-43 (0.5) (890-9862-43), CS-44 (0.5) (890-9862-44), CS-45 (0.5) (890-9862-45), CS-46 (0.5) (890-9862-46), CS-47 (0.5) (890-9862-47), CS-48 (0.5) (890-9862-48), CS-49 (0.5) (890-9862-49) and CS-50 (0.5) (890-9862-50).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-139836 and analytical batch 880-140030 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-22 (0.5) (890-9862-22), CS-23 (0.5) (890-9862-23), CS-24 (0.5) (890-9862-24), CS-25 (0.5) (890-9862-25), CS-26 (0.5) (890-9862-26), CS-27 (0.5) (890-9862-27), CS-28 (0.5) (890-9862-28), CS-29 (0.5) (890-9862-29), CS-30 (0.5) (890-9862-30), CS-32 (0.5) (890-9862-32), CS-33 (0.5) (890-9862-33), CS-34 (0.5) (890-9862-34), CS-35 (0.5) (890-9862-35), CS-36 (0.5) (890-9862-36), CS-37 (0.5) (890-9862-37), CS-38 (0.5) (890-9862-38), CS-39 (0.5) (890-9862-39) and CS-40 (0.5) (890-9862-40). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike/ matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-139836 and analytical batch 880-140030 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-139745 and 880-139840 and analytical batch 880-140065 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-41 (0.5) (890-9862-41), CS-42 (0.5) (890-9862-42), CS-43 (0.5) (890-9862-43), CS-44 (0.5) (890-9862-44), CS-47 (0.5) (890-9862-47), CS-49 (0.5) (890-9862-49), CS-50 (0.5) (890-9862-50), (CCV 880-140065/33), (CCV 880-140065/51), (890-9862-A-41-C MS) and (890-9862-A-41-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.

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Case Narrative

Client: Carmona Resources
Project: Lea South Tank Battery

Job ID: 890-9862-1

Job ID: 890-9862-1 (Continued)

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Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS-7 (0.5) (890-9862-7). Evidence of matrix interferences is not obvious.

Method 8015B NM: The laboratory control sample (LCS) associated with preparation batch 880-139477 and analytical batch 880-139984 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-139984 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:(CCV 880-139984/32) and (CCV 880-139984/33).

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-19 (0.5) (890-9862-19), (LCS 880-139477/2-A) and (LCSD 880-139477/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-139477 and analytical batch 880-139984 was outside the upper control limits.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-16 (0.5) (890-9862-16), CS-17 (0.5) (890-9862-17) and CS-18 (0.5) (890-9862-18). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-71629-A-81-B MS). Evidence of matrix interferences is not obvious.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-139984 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 880-139984/59).

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 880-139488 and analytical batch 880-139525 were outside control limits for Chloride . See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: CS-18 (0.5) (890-9862-18), CS-19 (0.5) (890-9862-19), CS-20 (0.5) (890-9862-20), CS-21 (0.5) (890-9862-21), CS-22 (0.5) (890-9862-22), CS-23 (0.5) (890-9862-23), CS-24 (0.5) (890-9862-24), CS-25 (0.5) (890-9862-25), CS-26 (0.5) (890-9862-26), CS-27 (0.5) (890-9862-27), (890-9862-A-18-C MS) and (890-9862-A-18-D MSD).

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-139488 and analytical batch 880-139525 were outside control limits for CS-28 (0.5) (890-9862-28), CS-29 (0.5) (890-9862-29), CS-30 (0.5) (890-9862-30), CS-31 (0.5) (890-9862-31), CS-32 (0.5) (890-9862-32), CS-33 (0.5) (890-9862-33), CS-34 (0.5) (890-9862-34), (890-9862-A-28-C MS) and (890-9862-A-28-D MSD) . See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: CS-28 (0.5) (890-9862-28), CS-29 (0.5) (890-9862-29), CS-30 (0.5) (890-9862-30), CS-31 (0.5) (890-9862-31), CS-32 (0.5) (890-9862-32), CS-33 (0.5) (890-9862-33), CS-34 (0.5) (890-9862-34), (890-9862-A-28-C MS) and (890-9862-A-28-D MSD).

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-139489 and analytical batch 880-139523 were outside control limits for Chloride . See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: CS-35 (0.5) (890-9862-35), CS-36 (0.5) (890-9862-36), CS-37 (0.5) (890-9862-37), CS-38 (0.5) (890-9862-38), CS-39 (0.5) (890-9862-39), CS-40 (0.5) (890-9862-40), CS-42 (0.5) (890-9862-42), CS-43 (0.5) (890-9862-43), CS-44 (0.5) (890-9862-44), (890-9862-A-35-C MS) and (890-9862-A-35-D MSD).

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Case Narrative

Client: Carmona Resources
Project: Lea South Tank Battery

Job ID: 890-9862-1

Job ID: 890-9862-1 (Continued)

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Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-139489 and analytical batch 880-139523 were outside control limits for Chloride . See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: CS-41 (0.5) (890-9862-41), CS-45 (0.5) (890-9862-45), CS-46 (0.5) (890-9862-46), CS-47 (0.5) (890-9862-47), CS-48 (0.5) (890-9862-48), CS-49 (0.5) (890-9862-49), CS-50 (0.5) (890-9862-50), (890-9862-A-45-C MS) and (890-9862-A-45-D MSD).

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-139487 and analytical batch 880-139524 were outside control limits for Chloride . See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: CS-1 (0.5) (890-9862-1), CS-2 (0.5) (890-9862-2), CS-3 (0.5) (890-9862-3), CS-4 (0.5) (890-9862-4), CS-5 (0.5) (890-9862-5), CS-6 (0.5) (890-9862-6), CS-7 (0.5) (890-9862-7), CS-8 (0.5) (890-9862-8), CS-9 (0.5) (890-9862-9), CS-10 (0.5) (890-9862-10), (890-9862-A-1-C MS) and (890-9862-A-1-D MSD).

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-139487 and analytical batch 880-139524 were outside control limits for Chloride . See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: CS-11 (0.5) (890-9862-11), CS-12 (0.5) (890-9862-12), CS-13 (0.5) (890-9862-13), CS-14 (0.5) (890-9862-14), CS-15 (0.5) (890-9862-15), CS-16 (0.5) (890-9862-16), CS-17 (0.5) (890-9862-17), (890-9862-A-11-C MS) and (890-9862-A-11-D MSD).

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 South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-1 (0.5)

Lab Sample ID: 890-9862-1

Date Collected: 04/29/26 09:30

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 00:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 00:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 00:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/04/26 15:37	05/07/26 00:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 00:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/04/26 15:37	05/07/26 00:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	05/04/26 15:37	05/07/26 00:54	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/04/26 15:37	05/07/26 00:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/07/26 00:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/05/26 11:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/29/26 11:56	05/05/26 11:35	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/29/26 11:56	05/05/26 11:35	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/29/26 11:56	05/05/26 11:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130	04/29/26 11:56	05/05/26 11:35	1
o-Terphenyl (Surr)	87		70 - 130	04/29/26 11:56	05/05/26 11:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2690	F1	49.8		mg/Kg			05/02/26 17:37	5

Client Sample ID: CS-2 (0.5)

Lab Sample ID: 890-9862-2

Date Collected: 04/29/26 09:32

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:37	05/07/26 01:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:37	05/07/26 01:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:37	05/07/26 01:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/04/26 15:37	05/07/26 01:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:37	05/07/26 01:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/04/26 15:37	05/07/26 01:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	05/04/26 15:37	05/07/26 01:15	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/04/26 15:37	05/07/26 01:15	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-2 (0.5)

Lab Sample ID: 890-9862-2

Date Collected: 04/29/26 09:32

Matrix: Solid

Date Received: 04/29/26 15:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/07/26 01:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/05/26 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	<49.7	U	49.7		mg/Kg		04/29/26 11:56	05/05/26 11:49	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/29/26 11:56	05/05/26 11:49	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/29/26 11:56	05/05/26 11:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				04/29/26 11:56	05/05/26 11:49	1
o-Terphenyl (Surr)	92		70 - 130				04/29/26 11:56	05/05/26 11:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2810		49.6		mg/Kg			05/02/26 17:51	5

Client Sample ID: CS-3 (0.5)

Lab Sample ID: 890-9862-3

Date Collected: 04/29/26 09:34

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:37	05/07/26 01:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:37	05/07/26 01:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:37	05/07/26 01:36	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/04/26 15:37	05/07/26 01:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:37	05/07/26 01:36	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/04/26 15:37	05/07/26 01:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				05/04/26 15:37	05/07/26 01:36	1
1,4-Difluorobenzene (Surr)	97		70 - 130				05/04/26 15:37	05/07/26 01:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/07/26 01:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/05/26 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/29/26 11:56	05/05/26 12:03	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/29/26 11:56	05/05/26 12:03	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-3 (0.5)

Lab Sample ID: 890-9862-3

Date Collected: 04/29/26 09:34

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/29/26 11:56	05/05/26 12:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				04/29/26 11:56	05/05/26 12:03	1
o-Terphenyl (Surr)	86		70 - 130				04/29/26 11:56	05/05/26 12:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3050		49.6		mg/Kg			05/02/26 17:56	5

Client Sample ID: CS-4 (0.5)

Lab Sample ID: 890-9862-4

Date Collected: 04/29/26 09:36

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:37	05/07/26 01:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:37	05/07/26 01:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:37	05/07/26 01:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/04/26 15:37	05/07/26 01:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:37	05/07/26 01:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/04/26 15:37	05/07/26 01:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				05/04/26 15:37	05/07/26 01:56	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/04/26 15:37	05/07/26 01:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/07/26 01:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/05/26 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	<50.0	U	50.0		mg/Kg		04/29/26 11:56	05/05/26 12:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/29/26 11:56	05/05/26 12:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/29/26 11:56	05/05/26 12:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				04/29/26 11:56	05/05/26 12:18	1
o-Terphenyl (Surr)	96		70 - 130				04/29/26 11:56	05/05/26 12:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3060		50.2		mg/Kg			05/02/26 18:01	5

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-5 (0.5)

Lab Sample ID: 890-9862-5

Date Collected: 04/29/26 09:38

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 02:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 02:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 02:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/04/26 15:37	05/07/26 02:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 02:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/04/26 15:37	05/07/26 02:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	05/04/26 15:37	05/07/26 02:17	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/04/26 15:37	05/07/26 02:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/07/26 02:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/05/26 12:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/29/26 11:56	05/05/26 12:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/29/26 11:56	05/05/26 12:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/29/26 11:56	05/05/26 12:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130	04/29/26 11:56	05/05/26 12:47	1
o-Terphenyl (Surr)	89		70 - 130	04/29/26 11:56	05/05/26 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2800		50.5		mg/Kg			05/02/26 18:06	5

Client Sample ID: CS-6 (0.5)

Lab Sample ID: 890-9862-6

Date Collected: 04/29/26 09:40

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:37	05/07/26 02:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:37	05/07/26 02:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:37	05/07/26 02:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/04/26 15:37	05/07/26 02:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:37	05/07/26 02:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/04/26 15:37	05/07/26 02:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/04/26 15:37	05/07/26 02:38	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/04/26 15:37	05/07/26 02:38	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-6 (0.5)

Lab Sample ID: 890-9862-6

Date Collected: 04/29/26 09:40

Matrix: Solid

Date Received: 04/29/26 15:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/07/26 02:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/05/26 13:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/29/26 11:56	05/05/26 13:16	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/29/26 11:56	05/05/26 13:16	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/29/26 11:56	05/05/26 13:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130	04/29/26 11:56	05/05/26 13:16	1
o-Terphenyl (Surr)	86		70 - 130	04/29/26 11:56	05/05/26 13:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2900		50.4		mg/Kg			05/02/26 18:21	5

Client Sample ID: CS-7 (0.5)

Lab Sample ID: 890-9862-7

Date Collected: 04/29/26 09:42

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 02:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 02:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 02:59	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/04/26 15:37	05/07/26 02:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 02:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/04/26 15:37	05/07/26 02:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	05/04/26 15:37	05/07/26 02:59	1
1,4-Difluorobenzene (Surr)	84		70 - 130	05/04/26 15:37	05/07/26 02:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/07/26 02:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/05/26 13:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/29/26 11:56	05/05/26 13:30	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/29/26 11:56	05/05/26 13:30	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-7 (0.5)

Lab Sample ID: 890-9862-7

Date Collected: 04/29/26 09:42

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/29/26 11:56	05/05/26 13:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	54	S1-	70 - 130				04/29/26 11:56	05/05/26 13:30	1
o-Terphenyl (Surr)	53	S1-	70 - 130				04/29/26 11:56	05/05/26 13:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2270		49.6		mg/Kg			05/02/26 18:26	5

Client Sample ID: CS-8 (0.5)

Lab Sample ID: 890-9862-8

Date Collected: 04/29/26 09:44

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:37	05/07/26 03:19	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:37	05/07/26 03:19	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:37	05/07/26 03:19	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/04/26 15:37	05/07/26 03:19	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:37	05/07/26 03:19	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/04/26 15:37	05/07/26 03:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				05/04/26 15:37	05/07/26 03:19	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/04/26 15:37	05/07/26 03:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/07/26 03:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/05/26 13:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/29/26 11:56	05/05/26 13:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/29/26 11:56	05/05/26 13:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/29/26 11:56	05/05/26 13:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				04/29/26 11:56	05/05/26 13:45	1
o-Terphenyl (Surr)	88		70 - 130				04/29/26 11:56	05/05/26 13:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2280		49.9		mg/Kg			05/02/26 18:31	5

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-9 (0.5)

Lab Sample ID: 890-9862-9

Date Collected: 04/29/26 09:46

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:37	05/07/26 03:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:37	05/07/26 03:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:37	05/07/26 03:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/04/26 15:37	05/07/26 03:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:37	05/07/26 03:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/04/26 15:37	05/07/26 03:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	05/04/26 15:37	05/07/26 03:40	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/04/26 15:37	05/07/26 03:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/07/26 03:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/05/26 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	<50.1	U	50.1		mg/Kg		04/29/26 11:56	05/05/26 14:00	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/29/26 11:56	05/05/26 14:00	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/29/26 11:56	05/05/26 14:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130	04/29/26 11:56	05/05/26 14:00	1
o-Terphenyl (Surr)	79		70 - 130	04/29/26 11:56	05/05/26 14:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1660		49.6		mg/Kg			05/02/26 18:36	5

Client Sample ID: CS-10 (0.5)

Lab Sample ID: 890-9862-10

Date Collected: 04/29/26 09:48

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/04/26 15:37	05/07/26 04:01	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/04/26 15:37	05/07/26 04:01	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/04/26 15:37	05/07/26 04:01	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/04/26 15:37	05/07/26 04:01	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/04/26 15:37	05/07/26 04:01	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/04/26 15:37	05/07/26 04:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	05/04/26 15:37	05/07/26 04:01	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/04/26 15:37	05/07/26 04:01	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-10 (0.5)

Lab Sample ID: 890-9862-10

Date Collected: 04/29/26 09:48

Matrix: Solid

Date Received: 04/29/26 15:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/07/26 04:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/05/26 14:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/29/26 11:56	05/05/26 14:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/29/26 11:56	05/05/26 14:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/29/26 11:56	05/05/26 14:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				04/29/26 11:56	05/05/26 14:14	1
o-Terphenyl (Surr)	92		70 - 130				04/29/26 11:56	05/05/26 14:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2140		49.8		mg/Kg			05/02/26 18:41	5

Client Sample ID: CS-11 (0.5)

Lab Sample ID: 890-9862-11

Date Collected: 04/29/26 09:50

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 05:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 05:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 05:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/04/26 15:37	05/07/26 05:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 05:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/04/26 15:37	05/07/26 05:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				05/04/26 15:37	05/07/26 05:25	1
1,4-Difluorobenzene (Surr)	100		70 - 130				05/04/26 15:37	05/07/26 05:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/07/26 05:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			05/05/26 14:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/29/26 11:56	05/05/26 14:29	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/29/26 11:56	05/05/26 14:29	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-11 (0.5)

Lab Sample ID: 890-9862-11

Date Collected: 04/29/26 09:50

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/29/26 11:56	05/05/26 14:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				04/29/26 11:56	05/05/26 14:29	1
o-Terphenyl (Surr)	88		70 - 130				04/29/26 11:56	05/05/26 14:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2290	F1	49.6		mg/Kg			05/02/26 18:46	5

Client Sample ID: CS-12 (0.5)

Lab Sample ID: 890-9862-12

Date Collected: 04/29/26 09:52

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 05:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 05:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 05:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/04/26 15:37	05/07/26 05:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 05:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/04/26 15:37	05/07/26 05:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				05/04/26 15:37	05/07/26 05:45	1
1,4-Difluorobenzene (Surr)	97		70 - 130				05/04/26 15:37	05/07/26 05:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/07/26 05:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/05/26 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/29/26 11:56	05/05/26 14:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/29/26 11:56	05/05/26 14:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/29/26 11:56	05/05/26 14:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				04/29/26 11:56	05/05/26 14:43	1
o-Terphenyl (Surr)	92		70 - 130				04/29/26 11:56	05/05/26 14:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2570		49.6		mg/Kg			05/02/26 19:00	5

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-13 (0.5)

Lab Sample ID: 890-9862-13

Date Collected: 04/29/26 09:54

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:37	05/07/26 06:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:37	05/07/26 06:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:37	05/07/26 06:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/04/26 15:37	05/07/26 06:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:37	05/07/26 06:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/04/26 15:37	05/07/26 06:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	05/04/26 15:37	05/07/26 06:06	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/04/26 15:37	05/07/26 06:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/07/26 06:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/05/26 14:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/29/26 11:56	05/05/26 14:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/29/26 11:56	05/05/26 14:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/29/26 11:56	05/05/26 14:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130	04/29/26 11:56	05/05/26 14:58	1
o-Terphenyl (Surr)	91		70 - 130	04/29/26 11:56	05/05/26 14:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1730		50.4		mg/Kg			05/02/26 19:05	5

Client Sample ID: CS-14 (0.5)

Lab Sample ID: 890-9862-14

Date Collected: 04/29/26 09:56

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 06:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 06:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 06:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/04/26 15:37	05/07/26 06:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 06:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/04/26 15:37	05/07/26 06:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	05/04/26 15:37	05/07/26 06:27	1
1,4-Difluorobenzene (Surr)	101		70 - 130	05/04/26 15:37	05/07/26 06:27	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-14 (0.5)

Lab Sample ID: 890-9862-14

Date Collected: 04/29/26 09:56

Matrix: Solid

Date Received: 04/29/26 15:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/07/26 06:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/05/26 15:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/29/26 11:56	05/05/26 15:13	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/29/26 11:56	05/05/26 15:13	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/29/26 11:56	05/05/26 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130	04/29/26 11:56	05/05/26 15:13	1
o-Terphenyl (Surr)	91		70 - 130	04/29/26 11:56	05/05/26 15:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1720		49.7		mg/Kg			05/02/26 19:20	5

Client Sample ID: CS-15 (0.5)

Lab Sample ID: 890-9862-15

Date Collected: 04/29/26 09:58

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:37	05/07/26 06:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:37	05/07/26 06:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:37	05/07/26 06:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/04/26 15:37	05/07/26 06:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:37	05/07/26 06:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/04/26 15:37	05/07/26 06:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	05/04/26 15:37	05/07/26 06:48	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/04/26 15:37	05/07/26 06:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/07/26 06:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/05/26 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/29/26 11:56	05/05/26 15:27	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/29/26 11:56	05/05/26 15:27	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-15 (0.5)

Lab Sample ID: 890-9862-15

Date Collected: 04/29/26 09:58

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/29/26 11:56	05/05/26 15:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				04/29/26 11:56	05/05/26 15:27	1
o-Terphenyl (Surr)	89		70 - 130				04/29/26 11:56	05/05/26 15:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2200		49.8		mg/Kg			05/02/26 19:25	5

Client Sample ID: CS-16 (0.5)

Lab Sample ID: 890-9862-16

Date Collected: 04/29/26 10:00

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 07:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 07:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 07:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/04/26 15:37	05/07/26 07:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 07:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/04/26 15:37	05/07/26 07:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				05/04/26 15:37	05/07/26 07:09	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/04/26 15:37	05/07/26 07:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/07/26 07:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/06/26 01:49	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		04/30/26 11:17	05/06/26 01:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/30/26 11:17	05/06/26 01:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/26 11:17	05/06/26 01:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	140	S1+	70 - 130				04/30/26 11:17	05/06/26 01:49	1
o-Terphenyl (Surr)	143	S1+	70 - 130				04/30/26 11:17	05/06/26 01:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100		50.4		mg/Kg			05/02/26 19:30	5

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-17 (0.5)

Lab Sample ID: 890-9862-17

Date Collected: 04/29/26 10:02

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:37	05/07/26 07:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:37	05/07/26 07:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:37	05/07/26 07:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/04/26 15:37	05/07/26 07:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:37	05/07/26 07:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/04/26 15:37	05/07/26 07:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	05/04/26 15:37	05/07/26 07:29	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/04/26 15:37	05/07/26 07:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/07/26 07:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/06/26 02:09	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	<50.1	U	50.1		mg/Kg		04/30/26 11:17	05/06/26 02:09	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/30/26 11:17	05/06/26 02:09	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/30/26 11:17	05/06/26 02:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	142	S1+	70 - 130	04/30/26 11:17	05/06/26 02:09	1
o-Terphenyl (Surr)	140	S1+	70 - 130	04/30/26 11:17	05/06/26 02:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3200		50.2		mg/Kg			05/02/26 19:35	5

Client Sample ID: CS-18 (0.5)

Lab Sample ID: 890-9862-18

Date Collected: 04/29/26 10:04

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:37	05/07/26 07:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:37	05/07/26 07:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:37	05/07/26 07:50	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/04/26 15:37	05/07/26 07:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:37	05/07/26 07:50	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/04/26 15:37	05/07/26 07:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	05/04/26 15:37	05/07/26 07:50	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/04/26 15:37	05/07/26 07:50	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-18 (0.5)

Lab Sample ID: 890-9862-18

Date Collected: 04/29/26 10:04

Matrix: Solid

Date Received: 04/29/26 15:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/07/26 07:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/06/26 02:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/30/26 11:17	05/06/26 02:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/30/26 11:17	05/06/26 02:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/30/26 11:17	05/06/26 02:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	132	S1+	70 - 130				04/30/26 11:17	05/06/26 02:29	1
o-Terphenyl (Surr)	132	S1+	70 - 130				04/30/26 11:17	05/06/26 02:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4820	F1	100		mg/Kg			04/30/26 23:22	10

Client Sample ID: CS-19 (0.5)

Lab Sample ID: 890-9862-19

Date Collected: 04/29/26 10:06

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:37	05/07/26 08:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:37	05/07/26 08:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:37	05/07/26 08:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/04/26 15:37	05/07/26 08:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:37	05/07/26 08:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/04/26 15:37	05/07/26 08:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				05/04/26 15:37	05/07/26 08:11	1
1,4-Difluorobenzene (Surr)	94		70 - 130				05/04/26 15:37	05/07/26 08:11	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			05/07/26 08:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/06/26 04:52	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	<50.1	U	50.1		mg/Kg		04/30/26 11:22	05/06/26 04:52	1
Diesel Range Organics (Over C10-C28)	<50.1	U *	50.1		mg/Kg		04/30/26 11:22	05/06/26 04:52	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-19 (0.5)

Lab Sample ID: 890-9862-19

Date Collected: 04/29/26 10:06

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/30/26 11:22	05/06/26 04:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	68	S1-	70 - 130				04/30/26 11:22	05/06/26 04:52	1
o-Terphenyl (Surr)	73		70 - 130				04/30/26 11:22	05/06/26 04:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2820		50.2		mg/Kg			04/30/26 23:37	5

Client Sample ID: CS-20 (0.5)

Lab Sample ID: 890-9862-20

Date Collected: 04/29/26 10:08

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 08:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 08:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 08:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/04/26 15:37	05/07/26 08:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 08:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/04/26 15:37	05/07/26 08:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				05/04/26 15:37	05/07/26 08:31	1
1,4-Difluorobenzene (Surr)	92		70 - 130				05/04/26 15:37	05/07/26 08:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/07/26 08:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/06/26 05:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/30/26 11:22	05/06/26 05:53	1
Diesel Range Organics (Over C10-C28)	<50.1	U**	50.1		mg/Kg		04/30/26 11:22	05/06/26 05:53	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/30/26 11:22	05/06/26 05:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				04/30/26 11:22	05/06/26 05:53	1
o-Terphenyl (Surr)	117		70 - 130				04/30/26 11:22	05/06/26 05:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3860		50.5		mg/Kg			04/30/26 23:42	5

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-21 (0.5)

Lab Sample ID: 890-9862-21

Date Collected: 04/29/26 10:10

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 01:35	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		05/04/26 15:41	05/07/26 01:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 01:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/04/26 15:41	05/07/26 01:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 01:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/04/26 15:41	05/07/26 01:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	05/04/26 15:41	05/07/26 01:35	1
1,4-Difluorobenzene (Surr)	88		70 - 130	05/04/26 15:41	05/07/26 01:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/07/26 01:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/06/26 06:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/30/26 11:22	05/06/26 06:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/30/26 11:22	05/06/26 06:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/30/26 11:22	05/06/26 06:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130	04/30/26 11:22	05/06/26 06:13	1
o-Terphenyl (Surr)	99		70 - 130	04/30/26 11:22	05/06/26 06:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4190		50.4		mg/Kg			04/30/26 23:47	5

Client Sample ID: CS-22 (0.5)

Lab Sample ID: 890-9862-22

Date Collected: 04/29/26 10:12

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:41	05/07/26 01:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:41	05/07/26 01:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:41	05/07/26 01:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/04/26 15:41	05/07/26 01:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:41	05/07/26 01:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/04/26 15:41	05/07/26 01:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	05/04/26 15:41	05/07/26 01:56	1
1,4-Difluorobenzene (Surr)	92		70 - 130	05/04/26 15:41	05/07/26 01:56	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-22 (0.5)

Lab Sample ID: 890-9862-22

Date Collected: 04/29/26 10:12

Matrix: Solid

Date Received: 04/29/26 15:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/07/26 01:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/06/26 06:33	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		04/30/26 11:22	05/06/26 06:33	1
Diesel Range Organics (Over C10-C28)	<50.1	U **	50.1		mg/Kg		04/30/26 11:22	05/06/26 06:33	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/30/26 11:22	05/06/26 06:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				04/30/26 11:22	05/06/26 06:33	1
o-Terphenyl (Surr)	108		70 - 130				04/30/26 11:22	05/06/26 06:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4430		49.8		mg/Kg			04/30/26 23:52	5

Client Sample ID: CS-23 (0.5)

Lab Sample ID: 890-9862-23

Date Collected: 04/29/26 10:14

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:41	05/07/26 02:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:41	05/07/26 02:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:41	05/07/26 02:16	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/04/26 15:41	05/07/26 02:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:41	05/07/26 02:16	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/04/26 15:41	05/07/26 02:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130				05/04/26 15:41	05/07/26 02:16	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/04/26 15:41	05/07/26 02:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/07/26 02:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/06/26 06:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/30/26 11:22	05/06/26 06:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		04/30/26 11:22	05/06/26 06:53	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-23 (0.5)

Lab Sample ID: 890-9862-23

Date Collected: 04/29/26 10:14

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/30/26 11:22	05/06/26 06:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130				04/30/26 11:22	05/06/26 06:53	1
o-Terphenyl (Surr)	123		70 - 130				04/30/26 11:22	05/06/26 06:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4930		49.6		mg/Kg			05/01/26 00:06	5

Client Sample ID: CS-24 (0.5)

Lab Sample ID: 890-9862-24

Date Collected: 04/29/26 10:16

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:41	05/07/26 02:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:41	05/07/26 02:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:41	05/07/26 02:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/04/26 15:41	05/07/26 02:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:41	05/07/26 02:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/04/26 15:41	05/07/26 02:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	165	S1+	70 - 130				05/04/26 15:41	05/07/26 02:37	1
1,4-Difluorobenzene (Surr)	92		70 - 130				05/04/26 15:41	05/07/26 02:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/07/26 02:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/06/26 07:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/30/26 11:22	05/06/26 07:13	1
Diesel Range Organics (Over C10-C28)	<50.1	U**	50.1		mg/Kg		04/30/26 11:22	05/06/26 07:13	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/30/26 11:22	05/06/26 07:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				04/30/26 11:22	05/06/26 07:13	1
o-Terphenyl (Surr)	117		70 - 130				04/30/26 11:22	05/06/26 07:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3690		49.9		mg/Kg			05/01/26 00:11	5

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-25 (0.5)

Lab Sample ID: 890-9862-25

Date Collected: 04/29/26 10:18

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 02:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 02:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 02:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/04/26 15:41	05/07/26 02:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 02:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/04/26 15:41	05/07/26 02:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	181	S1+	70 - 130	05/04/26 15:41	05/07/26 02:57	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/04/26 15:41	05/07/26 02:57	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			05/07/26 02:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/06/26 07:34	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		04/30/26 11:22	05/06/26 07:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0		mg/Kg		04/30/26 11:22	05/06/26 07:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/26 11:22	05/06/26 07:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130	04/30/26 11:22	05/06/26 07:34	1
o-Terphenyl (Surr)	115		70 - 130	04/30/26 11:22	05/06/26 07:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1790		49.6		mg/Kg			05/01/26 00:16	5

Client Sample ID: CS-26 (0.5)

Lab Sample ID: 890-9862-26

Date Collected: 04/29/26 10:20

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 03:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 03:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 03:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/04/26 15:41	05/07/26 03:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 03:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/04/26 15:41	05/07/26 03:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	05/04/26 15:41	05/07/26 03:18	1
1,4-Difluorobenzene (Surr)	90		70 - 130	05/04/26 15:41	05/07/26 03:18	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-26 (0.5)

Lab Sample ID: 890-9862-26

Date Collected: 04/29/26 10:20

Matrix: Solid

Date Received: 04/29/26 15:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/07/26 03:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/06/26 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/30/26 11:22	05/06/26 07:55	1
Diesel Range Organics (Over C10-C28)	<50.2	U **	50.2		mg/Kg		04/30/26 11:22	05/06/26 07:55	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/30/26 11:22	05/06/26 07:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				04/30/26 11:22	05/06/26 07:55	1
o-Terphenyl (Surr)	110		70 - 130				04/30/26 11:22	05/06/26 07:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1350		10.1		mg/Kg			05/01/26 00:21	1

Client Sample ID: CS-27 (0.5)

Lab Sample ID: 890-9862-27

Date Collected: 04/29/26 10:22

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:41	05/07/26 03:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:41	05/07/26 03:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:41	05/07/26 03:38	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/04/26 15:41	05/07/26 03:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:41	05/07/26 03:38	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/04/26 15:41	05/07/26 03:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130				05/04/26 15:41	05/07/26 03:38	1
1,4-Difluorobenzene (Surr)	93		70 - 130				05/04/26 15:41	05/07/26 03:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/07/26 03:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/06/26 08:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/30/26 11:22	05/06/26 08:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/30/26 11:22	05/06/26 08:15	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-27 (0.5)

Lab Sample ID: 890-9862-27

Date Collected: 04/29/26 10:22

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/26 11:22	05/06/26 08:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130				04/30/26 11:22	05/06/26 08:15	1
o-Terphenyl (Surr)	121		70 - 130				04/30/26 11:22	05/06/26 08:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2140		50.2		mg/Kg			05/01/26 00:26	5

Client Sample ID: CS-28 (0.5)

Lab Sample ID: 890-9862-28

Date Collected: 04/29/26 10:24

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:41	05/07/26 03:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:41	05/07/26 03:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:41	05/07/26 03:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/04/26 15:41	05/07/26 03:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:41	05/07/26 03:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/04/26 15:41	05/07/26 03:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130				05/04/26 15:41	05/07/26 03:59	1
1,4-Difluorobenzene (Surr)	88		70 - 130				05/04/26 15:41	05/07/26 03:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/07/26 03:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/06/26 08:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/30/26 11:22	05/06/26 08:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/30/26 11:22	05/06/26 08:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/30/26 11:22	05/06/26 08:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				04/30/26 11:22	05/06/26 08:35	1
o-Terphenyl (Surr)	112		70 - 130				04/30/26 11:22	05/06/26 08:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1350	F1	49.7		mg/Kg			05/01/26 00:31	5

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-29 (0.5)

Lab Sample ID: 890-9862-29

Date Collected: 04/29/26 10:26

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 04:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 04:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 04:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/04/26 15:41	05/07/26 04:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 04:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/04/26 15:41	05/07/26 04:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130	05/04/26 15:41	05/07/26 04:19	1
1,4-Difluorobenzene (Surr)	90		70 - 130	05/04/26 15:41	05/07/26 04:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/07/26 04:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/06/26 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/30/26 11:22	05/06/26 09:16	1
Diesel Range Organics (Over C10-C28)	<50.2	U **	50.2		mg/Kg		04/30/26 11:22	05/06/26 09:16	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/30/26 11:22	05/06/26 09:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130	04/30/26 11:22	05/06/26 09:16	1
o-Terphenyl (Surr)	115		70 - 130	04/30/26 11:22	05/06/26 09:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2780		49.6		mg/Kg			05/01/26 00:46	5

Client Sample ID: CS-30 (0.5)

Lab Sample ID: 890-9862-30

Date Collected: 04/29/26 10:28

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:41	05/07/26 04:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:41	05/07/26 04:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:41	05/07/26 04:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/04/26 15:41	05/07/26 04:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:41	05/07/26 04:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/04/26 15:41	05/07/26 04:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	05/04/26 15:41	05/07/26 04:40	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/04/26 15:41	05/07/26 04:40	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-30 (0.5)

Lab Sample ID: 890-9862-30

Date Collected: 04/29/26 10:28

Matrix: Solid

Date Received: 04/29/26 15:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/07/26 04:40	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			05/06/26 09:36	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		04/30/26 11:22	05/06/26 09:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/30/26 11:22	05/06/26 09:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/26 11:22	05/06/26 09:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130				04/30/26 11:22	05/06/26 09:36	1
o-Terphenyl (Surr)	96		70 - 130				04/30/26 11:22	05/06/26 09:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		50.2		mg/Kg			05/01/26 00:51	5

Client Sample ID: CS-31 (0.5)

Lab Sample ID: 890-9862-31

Date Collected: 04/29/26 10:30

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:41	05/07/26 06:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:41	05/07/26 06:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:41	05/07/26 06:30	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/04/26 15:41	05/07/26 06:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:41	05/07/26 06:30	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/04/26 15:41	05/07/26 06:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				05/04/26 15:41	05/07/26 06:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130				05/04/26 15:41	05/07/26 06:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/07/26 06:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/06/26 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/30/26 11:22	05/06/26 09:57	1
Diesel Range Organics (Over C10-C28)	<50.2	U **	50.2		mg/Kg		04/30/26 11:22	05/06/26 09:57	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-31 (0.5)

Lab Sample ID: 890-9862-31

Date Collected: 04/29/26 10:30

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/30/26 11:22	05/06/26 09:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				04/30/26 11:22	05/06/26 09:57	1
o-Terphenyl (Surr)	111		70 - 130				04/30/26 11:22	05/06/26 09:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2190		49.6		mg/Kg			05/01/26 01:06	5

Client Sample ID: CS-32 (0.5)

Lab Sample ID: 890-9862-32

Date Collected: 04/29/26 10:32

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:41	05/07/26 06:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:41	05/07/26 06:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:41	05/07/26 06:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/04/26 15:41	05/07/26 06:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:41	05/07/26 06:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/04/26 15:41	05/07/26 06:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130				05/04/26 15:41	05/07/26 06:50	1
1,4-Difluorobenzene (Surr)	91		70 - 130				05/04/26 15:41	05/07/26 06:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/07/26 06:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/06/26 10:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/30/26 11:22	05/06/26 10:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/30/26 11:22	05/06/26 10:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/26 11:22	05/06/26 10:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				04/30/26 11:22	05/06/26 10:17	1
o-Terphenyl (Surr)	108		70 - 130				04/30/26 11:22	05/06/26 10:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1530		50.4		mg/Kg			05/01/26 01:11	5

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-33 (0.5)

Lab Sample ID: 890-9862-33

Date Collected: 04/29/26 10:34

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 07:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 07:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 07:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/04/26 15:41	05/07/26 07:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 07:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/04/26 15:41	05/07/26 07:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	05/04/26 15:41	05/07/26 07:11	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/04/26 15:41	05/07/26 07:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/07/26 07:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/06/26 10:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/30/26 11:22	05/06/26 10:39	1
Diesel Range Organics (Over C10-C28)	<50.1	U **	50.1		mg/Kg		04/30/26 11:22	05/06/26 10:39	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/30/26 11:22	05/06/26 10:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130	04/30/26 11:22	05/06/26 10:39	1
o-Terphenyl (Surr)	118		70 - 130	04/30/26 11:22	05/06/26 10:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1140		10.0		mg/Kg			05/01/26 01:15	1

Client Sample ID: CS-34 (0.5)

Lab Sample ID: 890-9862-34

Date Collected: 04/29/26 10:36

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 07:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 07:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 07:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/04/26 15:41	05/07/26 07:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 07:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/04/26 15:41	05/07/26 07:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	05/04/26 15:41	05/07/26 07:31	1
1,4-Difluorobenzene (Surr)	90		70 - 130	05/04/26 15:41	05/07/26 07:31	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-34 (0.5)

Lab Sample ID: 890-9862-34

Date Collected: 04/29/26 10:36

Matrix: Solid

Date Received: 04/29/26 15:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/07/26 07:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/06/26 10:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/30/26 11:22	05/06/26 10:59	1
Diesel Range Organics (Over C10-C28)	<50.2	U **	50.2		mg/Kg		04/30/26 11:22	05/06/26 10:59	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/30/26 11:22	05/06/26 10:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				04/30/26 11:22	05/06/26 10:59	1
o-Terphenyl (Surr)	103		70 - 130				04/30/26 11:22	05/06/26 10:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1410		49.7		mg/Kg			05/01/26 07:51	5

Client Sample ID: CS-35 (0.5)

Lab Sample ID: 890-9862-35

Date Collected: 04/29/26 10:38

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:41	05/07/26 07:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:41	05/07/26 07:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:41	05/07/26 07:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/04/26 15:41	05/07/26 07:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:41	05/07/26 07:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/04/26 15:41	05/07/26 07:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130				05/04/26 15:41	05/07/26 07:52	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/04/26 15:41	05/07/26 07:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/07/26 07:52	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			05/06/26 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		04/30/26 11:22	05/06/26 11:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/30/26 11:22	05/06/26 11:19	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-35 (0.5)

Lab Sample ID: 890-9862-35

Date Collected: 04/29/26 10:38

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/26 11:22	05/06/26 11:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130				04/30/26 11:22	05/06/26 11:19	1
o-Terphenyl (Surr)	116		70 - 130				04/30/26 11:22	05/06/26 11:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1340	F1	49.7		mg/Kg			04/30/26 20:49	5

Client Sample ID: CS-36 (0.5)

Lab Sample ID: 890-9862-36

Date Collected: 04/29/26 10:40

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:41	05/07/26 08:12	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:41	05/07/26 08:12	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:41	05/07/26 08:12	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/04/26 15:41	05/07/26 08:12	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:41	05/07/26 08:12	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/04/26 15:41	05/07/26 08:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				05/04/26 15:41	05/07/26 08:12	1
1,4-Difluorobenzene (Surr)	94		70 - 130				05/04/26 15:41	05/07/26 08:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/07/26 08:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/06/26 11:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/30/26 11:22	05/06/26 11:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/30/26 11:22	05/06/26 11:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/26 11:22	05/06/26 11:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130				04/30/26 11:22	05/06/26 11:39	1
o-Terphenyl (Surr)	119		70 - 130				04/30/26 11:22	05/06/26 11:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1540		49.7		mg/Kg			04/30/26 21:04	5

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-37 (0.5)

Lab Sample ID: 890-9862-37

Date Collected: 04/29/26 10:42

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 08:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 08:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 08:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/04/26 15:41	05/07/26 08:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 08:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/04/26 15:41	05/07/26 08:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	157	S1+	70 - 130	05/04/26 15:41	05/07/26 08:32	1
1,4-Difluorobenzene (Surr)	105		70 - 130	05/04/26 15:41	05/07/26 08:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/07/26 08:32	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			05/06/26 11:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/30/26 11:22	05/06/26 11:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0		mg/Kg		04/30/26 11:22	05/06/26 11:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/26 11:22	05/06/26 11:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	124		70 - 130	04/30/26 11:22	05/06/26 11:59	1
o-Terphenyl (Surr)	119		70 - 130	04/30/26 11:22	05/06/26 11:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1410		49.6		mg/Kg			04/30/26 21:09	5

Client Sample ID: CS-38 (0.5)

Lab Sample ID: 890-9862-38

Date Collected: 04/29/26 10:44

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:41	05/07/26 08:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:41	05/07/26 08:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:41	05/07/26 08:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/04/26 15:41	05/07/26 08:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:41	05/07/26 08:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/04/26 15:41	05/07/26 08:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130	05/04/26 15:41	05/07/26 08:53	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/04/26 15:41	05/07/26 08:53	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-38 (0.5)

Lab Sample ID: 890-9862-38

Date Collected: 04/29/26 10:44

Matrix: Solid

Date Received: 04/29/26 15:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/07/26 08:53	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			05/06/26 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	<49.8	U	49.8		mg/Kg		04/30/26 11:22	05/06/26 12:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U**	49.8		mg/Kg		04/30/26 11:22	05/06/26 12:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/30/26 11:22	05/06/26 12:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	130		70 - 130				04/30/26 11:22	05/06/26 12:19	1
o-Terphenyl (Surr)	125		70 - 130				04/30/26 11:22	05/06/26 12:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1380		9.92		mg/Kg			04/30/26 21:14	1

Client Sample ID: CS-39 (0.5)

Lab Sample ID: 890-9862-39

Date Collected: 04/29/26 10:46

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 09:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 09:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 09:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/04/26 15:41	05/07/26 09:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 09:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/04/26 15:41	05/07/26 09:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				05/04/26 15:41	05/07/26 09:13	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/04/26 15:41	05/07/26 09:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/07/26 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/05/26 23:49	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		04/30/26 11:49	05/05/26 23:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/30/26 11:49	05/05/26 23:49	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-39 (0.5)

Lab Sample ID: 890-9862-39

Date Collected: 04/29/26 10:46

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/26 11:49	05/05/26 23:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				04/30/26 11:49	05/05/26 23:49	1
o-Terphenyl (Surr)	92		70 - 130				04/30/26 11:49	05/05/26 23:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1640		49.6		mg/Kg			04/30/26 21:19	5

Client Sample ID: CS-40 (0.5)

Lab Sample ID: 890-9862-40

Date Collected: 04/29/26 10:48

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:41	05/07/26 09:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:41	05/07/26 09:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:41	05/07/26 09:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/04/26 15:41	05/07/26 09:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:41	05/07/26 09:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/04/26 15:41	05/07/26 09:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	165	S1+	70 - 130				05/04/26 15:41	05/07/26 09:34	1
1,4-Difluorobenzene (Surr)	101		70 - 130				05/04/26 15:41	05/07/26 09:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/07/26 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/06/26 00:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/30/26 11:49	05/06/26 00:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/30/26 11:49	05/06/26 00:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/26 11:49	05/06/26 00:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				04/30/26 11:49	05/06/26 00:32	1
o-Terphenyl (Surr)	110		70 - 130				04/30/26 11:49	05/06/26 00:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1380		9.96		mg/Kg			04/30/26 21:34	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-41 (0.5)

Lab Sample ID: 890-9862-41

Date Collected: 04/29/26 10:50

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:48	05/07/26 02:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:48	05/07/26 02:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:48	05/07/26 02:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/04/26 15:48	05/07/26 02:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:48	05/07/26 02:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/04/26 15:48	05/07/26 02:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	05/04/26 15:48	05/07/26 02:54	1
1,4-Difluorobenzene (Surr)	60	S1-	70 - 130	05/04/26 15:48	05/07/26 02:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/07/26 02:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/06/26 00:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/30/26 11:49	05/06/26 00:47	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/30/26 11:49	05/06/26 00:47	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/30/26 11:49	05/06/26 00:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130	04/30/26 11:49	05/06/26 00:47	1
o-Terphenyl (Surr)	100		70 - 130	04/30/26 11:49	05/06/26 00:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1060		49.6		mg/Kg			05/01/26 15:24	5

Client Sample ID: CS-42 (0.5)

Lab Sample ID: 890-9862-42

Date Collected: 04/29/26 10:52

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:48	05/07/26 03:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:48	05/07/26 03:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:48	05/07/26 03:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/04/26 15:48	05/07/26 03:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:48	05/07/26 03:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/04/26 15:48	05/07/26 03:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	05/04/26 15:48	05/07/26 03:15	1
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130	05/04/26 15:48	05/07/26 03:15	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-42 (0.5)

Lab Sample ID: 890-9862-42

Date Collected: 04/29/26 10:52

Matrix: Solid

Date Received: 04/29/26 15:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/07/26 03:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/06/26 01:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/30/26 11:49	05/06/26 01:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/30/26 11:49	05/06/26 01:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/26 11:49	05/06/26 01:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				04/30/26 11:49	05/06/26 01:01	1
o-Terphenyl (Surr)	91		70 - 130				04/30/26 11:49	05/06/26 01:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1820		50.2		mg/Kg			04/30/26 21:44	5

Client Sample ID: CS-43 (0.5)

Lab Sample ID: 890-9862-43

Date Collected: 04/29/26 10:54

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:48	05/07/26 03:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:48	05/07/26 03:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:48	05/07/26 03:35	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/04/26 15:48	05/07/26 03:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:48	05/07/26 03:35	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/04/26 15:48	05/07/26 03:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				05/04/26 15:48	05/07/26 03:35	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/04/26 15:48	05/07/26 03:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/07/26 03:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			05/06/26 01:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/30/26 11:49	05/06/26 01:15	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/30/26 11:49	05/06/26 01:15	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-43 (0.5)

Lab Sample ID: 890-9862-43

Date Collected: 04/29/26 10:54

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/30/26 11:49	05/06/26 01:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				04/30/26 11:49	05/06/26 01:15	1
o-Terphenyl (Surr)	99		70 - 130				04/30/26 11:49	05/06/26 01:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1420		10.0		mg/Kg			04/30/26 21:48	1

Client Sample ID: CS-44 (0.5)

Lab Sample ID: 890-9862-44

Date Collected: 04/29/26 10:56

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:48	05/07/26 03:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:48	05/07/26 03:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:48	05/07/26 03:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/04/26 15:48	05/07/26 03:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:48	05/07/26 03:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/04/26 15:48	05/07/26 03:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				05/04/26 15:48	05/07/26 03:56	1
1,4-Difluorobenzene (Surr)	55	S1-	70 - 130				05/04/26 15:48	05/07/26 03:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/07/26 03:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/06/26 01:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/30/26 11:49	05/06/26 01:30	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/30/26 11:49	05/06/26 01:30	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/30/26 11:49	05/06/26 01:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				04/30/26 11:49	05/06/26 01:30	1
o-Terphenyl (Surr)	98		70 - 130				04/30/26 11:49	05/06/26 01:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1740		49.8		mg/Kg			04/30/26 21:53	5

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-45 (0.5)

Lab Sample ID: 890-9862-45

Date Collected: 04/29/26 10:58

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:48	05/07/26 04:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:48	05/07/26 04:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:48	05/07/26 04:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/04/26 15:48	05/07/26 04:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:48	05/07/26 04:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/04/26 15:48	05/07/26 04:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	05/04/26 15:48	05/07/26 04:17	1
1,4-Difluorobenzene (Surr)	74		70 - 130	05/04/26 15:48	05/07/26 04:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/07/26 04:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/06/26 01:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/30/26 11:49	05/06/26 01:45	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/30/26 11:49	05/06/26 01:45	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/30/26 11:49	05/06/26 01:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130	04/30/26 11:49	05/06/26 01:45	1
o-Terphenyl (Surr)	103		70 - 130	04/30/26 11:49	05/06/26 01:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1650	F1	49.6		mg/Kg			04/30/26 21:58	5

Client Sample ID: CS-46 (0.5)

Lab Sample ID: 890-9862-46

Date Collected: 04/29/26 11:00

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:48	05/07/26 04:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:48	05/07/26 04:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:48	05/07/26 04:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/04/26 15:48	05/07/26 04:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:48	05/07/26 04:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/04/26 15:48	05/07/26 04:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	05/04/26 15:48	05/07/26 04:37	1
1,4-Difluorobenzene (Surr)	72		70 - 130	05/04/26 15:48	05/07/26 04:37	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-46 (0.5)

Lab Sample ID: 890-9862-46

Date Collected: 04/29/26 11:00

Matrix: Solid

Date Received: 04/29/26 15:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/07/26 04:37	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			05/06/26 01:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/30/26 11:49	05/06/26 01:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/30/26 11:49	05/06/26 01:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/26 11:49	05/06/26 01:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130				04/30/26 11:49	05/06/26 01:59	1
o-Terphenyl (Surr)	101		70 - 130				04/30/26 11:49	05/06/26 01:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	825		10.0		mg/Kg			04/30/26 22:13	1

Client Sample ID: CS-47 (0.5)

Lab Sample ID: 890-9862-47

Date Collected: 04/29/26 11:02

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:48	05/07/26 04:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:48	05/07/26 04:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:48	05/07/26 04:58	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/04/26 15:48	05/07/26 04:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/04/26 15:48	05/07/26 04:58	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/04/26 15:48	05/07/26 04:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				05/04/26 15:48	05/07/26 04:58	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130				05/04/26 15:48	05/07/26 04:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/07/26 04:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/06/26 02:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/30/26 11:49	05/06/26 02:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/30/26 11:49	05/06/26 02:14	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-47 (0.5)

Lab Sample ID: 890-9862-47

Date Collected: 04/29/26 11:02

Matrix: Solid

Date Received: 04/29/26 15:30

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		04/30/26 11:49	05/06/26 02:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				04/30/26 11:49	05/06/26 02:14	1
o-Terphenyl (Surr)	99		70 - 130				04/30/26 11:49	05/06/26 02:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1230		10.1		mg/Kg			04/30/26 22:18	1

Client Sample ID: CS-48 (0.5)

Lab Sample ID: 890-9862-48

Date Collected: 04/29/26 11:04

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:48	05/07/26 05:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:48	05/07/26 05:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:48	05/07/26 05:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/04/26 15:48	05/07/26 05:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/04/26 15:48	05/07/26 05:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/04/26 15:48	05/07/26 05:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				05/04/26 15:48	05/07/26 05:18	1
1,4-Difluorobenzene (Surr)	72		70 - 130				05/04/26 15:48	05/07/26 05:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/07/26 05:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/06/26 02:28	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	<50.2	U	50.2		mg/Kg		04/30/26 11:49	05/06/26 02:28	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/30/26 11:49	05/06/26 02:28	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/30/26 11:49	05/06/26 02:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130				04/30/26 11:49	05/06/26 02:28	1
o-Terphenyl (Surr)	94		70 - 130				04/30/26 11:49	05/06/26 02:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1780		49.7		mg/Kg			04/30/26 22:33	5

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-49 (0.5)

Lab Sample ID: 890-9862-49

Date Collected: 04/29/26 11:06

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:48	05/07/26 05:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:48	05/07/26 05:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:48	05/07/26 05:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/04/26 15:48	05/07/26 05:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:48	05/07/26 05:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/04/26 15:48	05/07/26 05:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	05/04/26 15:48	05/07/26 05:39	1
1,4-Difluorobenzene (Surr)	64	S1-	70 - 130	05/04/26 15:48	05/07/26 05:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/07/26 05:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/06/26 02:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/30/26 11:49	05/06/26 02:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/30/26 11:49	05/06/26 02:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/30/26 11:49	05/06/26 02:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130	04/30/26 11:49	05/06/26 02:56	1
o-Terphenyl (Surr)	92		70 - 130	04/30/26 11:49	05/06/26 02:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1310		9.92		mg/Kg			04/30/26 22:38	1

Client Sample ID: CS-50 (0.5)

Lab Sample ID: 890-9862-50

Date Collected: 04/29/26 11:08

Matrix: Solid

Date Received: 04/29/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:48	05/07/26 06:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:48	05/07/26 06:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:48	05/07/26 06:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/04/26 15:48	05/07/26 06:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/04/26 15:48	05/07/26 06:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/04/26 15:48	05/07/26 06:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	05/04/26 15:48	05/07/26 06:00	1
1,4-Difluorobenzene (Surr)	55	S1-	70 - 130	05/04/26 15:48	05/07/26 06:00	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-50 (0.5)

Lab Sample ID: 890-9862-50

Date Collected: 04/29/26 11:08

Matrix: Solid

Date Received: 04/29/26 15:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/07/26 06:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/06/26 03:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/30/26 11:49	05/06/26 03:10	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/30/26 11:49	05/06/26 03:10	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/30/26 11:49	05/06/26 03:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				04/30/26 11:49	05/06/26 03:10	1
o-Terphenyl (Surr)	95		70 - 130				04/30/26 11:49	05/06/26 03:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1550		50.2		mg/Kg			04/30/26 22:43	5

Surrogate Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 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)
890-9862-1	CS-1 (0.5)	105	99
890-9862-1 MS	CS-1 (0.5)	107	99
890-9862-1 MSD	CS-1 (0.5)	107	99
890-9862-2	CS-2 (0.5)	108	102
890-9862-3	CS-3 (0.5)	104	97
890-9862-4	CS-4 (0.5)	113	99
890-9862-5	CS-5 (0.5)	110	98
890-9862-6	CS-6 (0.5)	109	98
890-9862-7	CS-7 (0.5)	116	84
890-9862-8	CS-8 (0.5)	109	99
890-9862-9	CS-9 (0.5)	115	95
890-9862-10	CS-10 (0.5)	105	96
890-9862-11	CS-11 (0.5)	109	100
890-9862-12	CS-12 (0.5)	113	97
890-9862-13	CS-13 (0.5)	106	98
890-9862-14	CS-14 (0.5)	113	101
890-9862-15	CS-15 (0.5)	107	93
890-9862-16	CS-16 (0.5)	109	98
890-9862-17	CS-17 (0.5)	106	94
890-9862-18	CS-18 (0.5)	103	94
890-9862-19	CS-19 (0.5)	106	94
890-9862-20	CS-20 (0.5)	108	92
890-9862-21	CS-21 (0.5)	106	88
890-9862-21 MS	CS-21 (0.5)	120	122
890-9862-21 MSD	CS-21 (0.5)	134 S1+	95
890-9862-22	CS-22 (0.5)	134 S1+	92
890-9862-23	CS-23 (0.5)	155 S1+	90
890-9862-24	CS-24 (0.5)	165 S1+	92
890-9862-25	CS-25 (0.5)	181 S1+	99
890-9862-26	CS-26 (0.5)	146 S1+	90
890-9862-27	CS-27 (0.5)	153 S1+	93
890-9862-28	CS-28 (0.5)	163 S1+	88
890-9862-29	CS-29 (0.5)	143 S1+	90
890-9862-30	CS-30 (0.5)	171 S1+	97
890-9862-31	CS-31 (0.5)	126	96
890-9862-32	CS-32 (0.5)	147 S1+	91
890-9862-33	CS-33 (0.5)	138 S1+	95
890-9862-34	CS-34 (0.5)	138 S1+	90
890-9862-35	CS-35 (0.5)	150 S1+	95
890-9862-36	CS-36 (0.5)	136 S1+	94
890-9862-37	CS-37 (0.5)	157 S1+	105
890-9862-38	CS-38 (0.5)	143 S1+	97
890-9862-39	CS-39 (0.5)	139 S1+	90
890-9862-40	CS-40 (0.5)	165 S1+	101
890-9862-41	CS-41 (0.5)	101	60 S1-
890-9862-41 MS	CS-41 (0.5)	152 S1+	112
890-9862-41 MSD	CS-41 (0.5)	131 S1+	120
890-9862-42	CS-42 (0.5)	95	66 S1-
890-9862-43	CS-43 (0.5)	144 S1+	90

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Surrogate Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-9862-44	CS-44 (0.5)	96	55 S1-
890-9862-45	CS-45 (0.5)	118	74
890-9862-46	CS-46 (0.5)	106	72
890-9862-47	CS-47 (0.5)	106	68 S1-
890-9862-48	CS-48 (0.5)	108	72
890-9862-49	CS-49 (0.5)	103	64 S1-
890-9862-50	CS-50 (0.5)	89	55 S1-
LCS 880-139834/1-A	Lab Control Sample	104	101
LCS 880-139836/1-A	Lab Control Sample	126	103
LCS 880-139840/1-A	Lab Control Sample	105	77
LCSD 880-139834/2-A	Lab Control Sample Dup	105	100
LCSD 880-139836/2-A	Lab Control Sample Dup	120	123
LCSD 880-139840/2-A	Lab Control Sample Dup	95	96
MB 880-139745/5-A	Method Blank	85	58 S1-
MB 880-139834/5-A	Method Blank	97	94
MB 880-139836/5-A	Method Blank	268 S1+	123
MB 880-139840/5-A	Method Blank	93	63 S1-
MB 880-139920/5-C	Method Blank	284 S1+	112
MB 880-140003/5-A	Method Blank	103	95

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
820-24825-A-35-B MS	Matrix Spike	98	98
820-24825-A-35-C MSD	Matrix Spike Duplicate	111	96
880-71629-A-81-B MS	Matrix Spike	133 S1+	114
880-71629-A-81-C MSD	Matrix Spike Duplicate	119	107
890-9862-1	CS-1 (0.5)	92	87
890-9862-2	CS-2 (0.5)	96	92
890-9862-3	CS-3 (0.5)	92	86
890-9862-4	CS-4 (0.5)	101	96
890-9862-5	CS-5 (0.5)	93	89
890-9862-6	CS-6 (0.5)	95	86
890-9862-7	CS-7 (0.5)	54 S1-	53 S1-
890-9862-8	CS-8 (0.5)	92	88
890-9862-9	CS-9 (0.5)	85	79
890-9862-10	CS-10 (0.5)	98	92
890-9862-11	CS-11 (0.5)	95	88
890-9862-12	CS-12 (0.5)	99	92
890-9862-13	CS-13 (0.5)	98	91
890-9862-14	CS-14 (0.5)	101	91
890-9862-15	CS-15 (0.5)	99	89
890-9862-16	CS-16 (0.5)	140 S1+	143 S1+
890-9862-17	CS-17 (0.5)	142 S1+	140 S1+

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Surrogate Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-9862-18	CS-18 (0.5)	132 S1+	132 S1+
890-9862-19	CS-19 (0.5)	68 S1-	73
890-9862-19 MS	CS-19 (0.5)	100	101
890-9862-19 MSD	CS-19 (0.5)	107	99
890-9862-20	CS-20 (0.5)	104	117
890-9862-21	CS-21 (0.5)	91	99
890-9862-22	CS-22 (0.5)	104	108
890-9862-23	CS-23 (0.5)	110	123
890-9862-24	CS-24 (0.5)	109	117
890-9862-25	CS-25 (0.5)	114	115
890-9862-26	CS-26 (0.5)	101	110
890-9862-27	CS-27 (0.5)	119	121
890-9862-28	CS-28 (0.5)	106	112
890-9862-29	CS-29 (0.5)	116	115
890-9862-30	CS-30 (0.5)	88	96
890-9862-31	CS-31 (0.5)	111	111
890-9862-32	CS-32 (0.5)	106	108
890-9862-33	CS-33 (0.5)	114	118
890-9862-34	CS-34 (0.5)	96	103
890-9862-35	CS-35 (0.5)	115	116
890-9862-36	CS-36 (0.5)	126	119
890-9862-37	CS-37 (0.5)	124	119
890-9862-38	CS-38 (0.5)	130	125
890-9862-39	CS-39 (0.5)	91	92
890-9862-39 MS	CS-39 (0.5)	104	98
890-9862-39 MSD	CS-39 (0.5)	106	98
890-9862-40	CS-40 (0.5)	109	110
890-9862-41	CS-41 (0.5)	98	100
890-9862-42	CS-42 (0.5)	89	91
890-9862-43	CS-43 (0.5)	95	99
890-9862-44	CS-44 (0.5)	95	98
890-9862-45	CS-45 (0.5)	101	103
890-9862-46	CS-46 (0.5)	97	101
890-9862-47	CS-47 (0.5)	99	99
890-9862-48	CS-48 (0.5)	93	94
890-9862-49	CS-49 (0.5)	90	92
890-9862-50	CS-50 (0.5)	95	95
LCS 880-139359/2-A	Lab Control Sample	89	89
LCS 880-139476/2-A	Lab Control Sample	123	108
LCS 880-139477/2-A	Lab Control Sample	147 S1+	139 S1+
LCS 880-139482/2-A	Lab Control Sample	84	91
LCSD 880-139359/3-A	Lab Control Sample Dup	103	90
LCSD 880-139476/3-A	Lab Control Sample Dup	127	113
LCSD 880-139477/3-A	Lab Control Sample Dup	139 S1+	133 S1+
LCSD 880-139482/3-A	Lab Control Sample Dup	98	92
MB 880-139359/1-A	Method Blank	105	100
MB 880-139476/1-A	Method Blank	103	102
MB 880-139477/1-A	Method Blank	164 S1+	163 S1+
MB 880-139482/1-A	Method Blank	82	82

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Surrogate Summary

Client: Carmona Resources
Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
SDG: Lea County New Mexico

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-139745/5-A
 Matrix: Solid
 Analysis Batch: 140065

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 139745

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:48	05/06/26 15:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:48	05/06/26 15:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:48	05/06/26 15:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/04/26 10:48	05/06/26 15:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:48	05/06/26 15:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/04/26 10:48	05/06/26 15:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	05/04/26 10:48	05/06/26 15:31	1
1,4-Difluorobenzene (Surr)	58	S1-	70 - 130	05/04/26 10:48	05/06/26 15:31	1

Lab Sample ID: MB 880-139834/5-A
 Matrix: Solid
 Analysis Batch: 140001

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 139834

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 00:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 00:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 00:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/04/26 15:37	05/07/26 00:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:37	05/07/26 00:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/04/26 15:37	05/07/26 00:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	05/04/26 15:37	05/07/26 00:32	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/04/26 15:37	05/07/26 00:32	1

Lab Sample ID: LCS 880-139834/1-A
 Matrix: Solid
 Analysis Batch: 140001

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 139834

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1178		mg/Kg		118	70 - 130
Toluene	0.100	0.1147		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2268		mg/Kg		113	70 - 130
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-139834/2-A
 Matrix: Solid
 Analysis Batch: 140001

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 139834

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1122		mg/Kg		112	70 - 130	5	35

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-139834/2-A
 Matrix: Solid
 Analysis Batch: 140001

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 139834

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1114		mg/Kg		111	70 - 130	3	35
Ethylbenzene	0.100	0.1068		mg/Kg		107	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2177		mg/Kg		109	70 - 130	4	35
o-Xylene	0.100	0.1094		mg/Kg		109	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-9862-1 MS
 Matrix: Solid
 Analysis Batch: 140001

Client Sample ID: CS-1 (0.5)
 Prep Type: Total/NA
 Prep Batch: 139834

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09673		mg/Kg		97	70 - 130
Toluene	<0.00200	U	0.100	0.09001		mg/Kg		90	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09081		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1843		mg/Kg		92	70 - 130
o-Xylene	<0.00200	U	0.100	0.09482		mg/Kg		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-9862-1 MSD
 Matrix: Solid
 Analysis Batch: 140001

Client Sample ID: CS-1 (0.5)
 Prep Type: Total/NA
 Prep Batch: 139834

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	0.09358		mg/Kg		94	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.08777		mg/Kg		88	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.08862		mg/Kg		89	70 - 130	2	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1794		mg/Kg		90	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.09199		mg/Kg		92	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-139836/5-A
 Matrix: Solid
 Analysis Batch: 140030

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 139836

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 01:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 01:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 01:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/04/26 15:41	05/07/26 01:07	1

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-139836/5-A
Matrix: Solid
Analysis Batch: 140030

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139836

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:41	05/07/26 01:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/04/26 15:41	05/07/26 01:07	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	268	S1+	70 - 130	05/04/26 15:41	05/07/26 01:07	1
1,4-Difluorobenzene (Surr)	123		70 - 130	05/04/26 15:41	05/07/26 01:07	1

Lab Sample ID: LCS 880-139836/1-A
Matrix: Solid
Analysis Batch: 140030

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139836

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.09668		mg/Kg		97	70 - 130
Toluene	0.100	0.08659		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.09282		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.2239		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1165		mg/Kg		116	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-139836/2-A
Matrix: Solid
Analysis Batch: 140030

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139836

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
Benzene	0.100	0.09522		mg/Kg		95	70 - 130	2	35
Toluene	0.100	0.07843		mg/Kg		78	70 - 130	10	35
Ethylbenzene	0.100	0.08639		mg/Kg		86	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2114		mg/Kg		106	70 - 130	6	35
o-Xylene	0.100	0.1104		mg/Kg		110	70 - 130	5	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	123		70 - 130

Lab Sample ID: 890-9862-21 MS
Matrix: Solid
Analysis Batch: 140030

Client Sample ID: CS-21 (0.5)
Prep Type: Total/NA
Prep Batch: 139836

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00200	U	0.100	0.08354		mg/Kg		84	70 - 130
Toluene	<0.00200	U F1	0.100	0.06751	F1	mg/Kg		68	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07702		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1807		mg/Kg		90	70 - 130
o-Xylene	<0.00200	U	0.100	0.09550		mg/Kg		95	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 890-9862-21 MS
Matrix: Solid
Analysis Batch: 140030

Client Sample ID: CS-21 (0.5)
Prep Type: Total/NA
Prep Batch: 139836

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	122		70 - 130

Lab Sample ID: 890-9862-21 MSD
Matrix: Solid
Analysis Batch: 140030

Client Sample ID: CS-21 (0.5)
Prep Type: Total/NA
Prep Batch: 139836

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Benzene	<0.00200	U	0.100	0.07538		mg/Kg		75	70 - 130	10		35
Toluene	<0.00200	U F1	0.100	0.06918	F1	mg/Kg		69	70 - 130	2		35
Ethylbenzene	<0.00200	U	0.100	0.07948		mg/Kg		79	70 - 130	3		35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1895		mg/Kg		95	70 - 130	5		35
o-Xylene	<0.00200	U	0.100	0.09980		mg/Kg		100	70 - 130	4		35

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-139840/5-A
Matrix: Solid
Analysis Batch: 140065

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139840

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:48	05/07/26 02:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:48	05/07/26 02:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:48	05/07/26 02:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/04/26 15:48	05/07/26 02:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 15:48	05/07/26 02:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/04/26 15:48	05/07/26 02:33	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	93		70 - 130	05/04/26 15:48	05/07/26 02:33	1
1,4-Difluorobenzene (Surr)	63	S1-	70 - 130	05/04/26 15:48	05/07/26 02:33	1

Lab Sample ID: LCS 880-139840/1-A
Matrix: Solid
Analysis Batch: 140065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139840

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec	
		Result	Qualifier				Limits	RPD
Benzene	0.100	0.07818		mg/Kg		78	70 - 130	
Toluene	0.100	0.07910		mg/Kg		79	70 - 130	
Ethylbenzene	0.100	0.07575		mg/Kg		76	70 - 130	
m-Xylene & p-Xylene	0.200	0.1532		mg/Kg		77	70 - 130	
o-Xylene	0.100	0.07533		mg/Kg		75	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	105		70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-139840/1-A
 Matrix: Solid
 Analysis Batch: 140065

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 139840

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

Lab Sample ID: LCSD 880-139840/2-A
 Matrix: Solid
 Analysis Batch: 140065

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 139840

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Benzene	0.100	0.09068		mg/Kg		91	70 - 130	15	35	
Toluene	0.100	0.09201		mg/Kg		92	70 - 130	15	35	
Ethylbenzene	0.100	0.08539		mg/Kg		85	70 - 130	12	35	
m-Xylene & p-Xylene	0.200	0.1580		mg/Kg		79	70 - 130	3	35	
o-Xylene	0.100	0.08168		mg/Kg		82	70 - 130	8	35	

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-9862-41 MS
 Matrix: Solid
 Analysis Batch: 140065

Client Sample ID: CS-41 (0.5)
 Prep Type: Total/NA
 Prep Batch: 139840

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Benzene	<0.00200	U	0.100	0.08568		mg/Kg		86	70 - 130	
Toluene	<0.00200	U	0.100	0.08663		mg/Kg		87	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.07778		mg/Kg		78	70 - 130	
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1943		mg/Kg		97	70 - 130	
o-Xylene	<0.00200	U	0.100	0.1047		mg/Kg		105	70 - 130	

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 890-9862-41 MSD
 Matrix: Solid
 Analysis Batch: 140065

Client Sample ID: CS-41 (0.5)
 Prep Type: Total/NA
 Prep Batch: 139840

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Benzene	<0.00200	U	0.100	0.09144		mg/Kg		91	70 - 130	7	35	
Toluene	<0.00200	U	0.100	0.08442		mg/Kg		84	70 - 130	3	35	
Ethylbenzene	<0.00200	U	0.100	0.08449		mg/Kg		84	70 - 130	8	35	
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1568		mg/Kg		78	70 - 130	21	35	
o-Xylene	<0.00200	U	0.100	0.08830		mg/Kg		88	70 - 130	17	35	

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	120		70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-139920/5-C
 Matrix: Solid
 Analysis Batch: 140030

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 139920

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/06/26 10:26	05/06/26 13:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/26 10:26	05/06/26 13:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/26 10:26	05/06/26 13:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/06/26 10:26	05/06/26 13:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/26 10:26	05/06/26 13:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/26 10:26	05/06/26 13:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	284	S1+	70 - 130	05/06/26 10:26	05/06/26 13:28	1
1,4-Difluorobenzene (Surr)	112		70 - 130	05/06/26 10:26	05/06/26 13:28	1

Lab Sample ID: MB 880-140003/5-A
 Matrix: Solid
 Analysis Batch: 140001

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 140003

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:40	05/06/26 13:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:40	05/06/26 13:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:40	05/06/26 13:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/06/26 08:40	05/06/26 13:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:40	05/06/26 13:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/26 08:40	05/06/26 13:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	05/06/26 08:40	05/06/26 13:48	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/06/26 08:40	05/06/26 13:48	1

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

Lab Sample ID: MB 880-139359/1-A
 Matrix: Solid
 Analysis Batch: 139898

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 139359

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/29/26 11:55	05/05/26 02:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/29/26 11:55	05/05/26 02:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/29/26 11:55	05/05/26 02:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	04/29/26 11:55	05/05/26 02:45	1
o-Terphenyl (Surr)	100		70 - 130	04/29/26 11:55	05/05/26 02:45	1

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-139359/2-A
Matrix: Solid
Analysis Batch: 139898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139359

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	969.8		mg/Kg		97	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1056		mg/Kg		106	70 - 130	
		LCS	LCS					
Surrogate		%Recovery	Qualifier			Limits		
1-Chlorooctane (Surr)		89				70 - 130		
o-Terphenyl (Surr)		89				70 - 130		

Lab Sample ID: LCSD 880-139359/3-A
Matrix: Solid
Analysis Batch: 139898

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139359

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
									RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	974.9		mg/Kg		97	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	1000	1026		mg/Kg		103	70 - 130	3	20	
		LCSD	LCSD							
Surrogate		%Recovery	Qualifier			Limits				
1-Chlorooctane (Surr)		103				70 - 130				
o-Terphenyl (Surr)		90				70 - 130				

Lab Sample ID: 820-24825-A-35-B MS
Matrix: Solid
Analysis Batch: 139898

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 139359

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	969.3		mg/Kg		94	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	1091		mg/Kg		109	70 - 130	
		MS	MS							
Surrogate		%Recovery	Qualifier			Limits				
1-Chlorooctane (Surr)		98				70 - 130				
o-Terphenyl (Surr)		98				70 - 130				

Lab Sample ID: 820-24825-A-35-C MSD
Matrix: Solid
Analysis Batch: 139898

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 139359

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
											RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	981.2		mg/Kg		95	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	1025		mg/Kg		102	70 - 130	6	20	
		MSD	MSD									
Surrogate		%Recovery	Qualifier			Limits						
1-Chlorooctane (Surr)		111				70 - 130						

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 820-24825-A-35-C MSD
Matrix: Solid
Analysis Batch: 139898

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 139359

Surrogate	MSD		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl (Surr)	96		70 - 130

Lab Sample ID: MB 880-139476/1-A
Matrix: Solid
Analysis Batch: 139984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139476

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/30/26 11:17	05/05/26 14:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/30/26 11:17	05/05/26 14:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/26 11:17	05/05/26 14:13	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
<i>1</i> -Chlorooctane (Surr)	103		70 - 130	04/30/26 11:17	05/05/26 14:13	1
<i>o</i> -Terphenyl (Surr)	102		70 - 130	04/30/26 11:17	05/05/26 14:13	1

Lab Sample ID: LCS 880-139476/2-A
Matrix: Solid
Analysis Batch: 139984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139476

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	945.5		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1180		mg/Kg		118	70 - 130

Surrogate	LCS		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane (Surr)	123		70 - 130
<i>o</i> -Terphenyl (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-139476/3-A
Matrix: Solid
Analysis Batch: 139984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139476

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	1000	985.1		mg/Kg		99	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	1248		mg/Kg		125	70 - 130	6	20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane (Surr)	127		70 - 130
<i>o</i> -Terphenyl (Surr)	113		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-71629-A-81-B MS
Matrix: Solid
Analysis Batch: 139984

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 139476

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	887.1		mg/Kg		89		70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	987.0		mg/Kg		99		70 - 130
Surrogate	MS	MS								
	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	133	S1+	70 - 130							
o-Terphenyl (Surr)	114		70 - 130							

Lab Sample ID: 880-71629-A-81-C MSD
Matrix: Solid
Analysis Batch: 139984

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 139476

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	999	815.3		mg/Kg		82		70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<50.1	U	999	937.6		mg/Kg		94		70 - 130	5	20
Surrogate	MSD	MSD										
	%Recovery	Qualifier	Limits									
1-Chlorooctane (Surr)	119		70 - 130									
o-Terphenyl (Surr)	107		70 - 130									

Lab Sample ID: MB 880-139477/1-A
Matrix: Solid
Analysis Batch: 139984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139477

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/30/26 11:21	05/06/26 03:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/30/26 11:21	05/06/26 03:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/26 11:21	05/06/26 03:30	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	164	S1+	70 - 130				04/30/26 11:21	05/06/26 03:30	1
o-Terphenyl (Surr)	163	S1+	70 - 130				04/30/26 11:21	05/06/26 03:30	1

Lab Sample ID: LCS 880-139477/2-A
Matrix: Solid
Analysis Batch: 139984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139477

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1036		mg/Kg		104		70 - 130
Diesel Range Organics (Over C10-C28)	1000	1538	*+	mg/Kg		154		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-139477/2-A
Matrix: Solid
Analysis Batch: 139984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139477

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	147	S1+	70 - 130
o-Terphenyl (Surr)	139	S1+	70 - 130

Lab Sample ID: LCSD 880-139477/3-A
Matrix: Solid
Analysis Batch: 139984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139477

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1006		mg/Kg		101	70 - 130	3	20	
Diesel Range Organics (Over C10-C28)	1000	1404	*+	mg/Kg		140	70 - 130	9	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	139	S1+	70 - 130
o-Terphenyl (Surr)	133	S1+	70 - 130

Lab Sample ID: 890-9862-19 MS
Matrix: Solid
Analysis Batch: 139984

Client Sample ID: CS-19 (0.5)
Prep Type: Total/NA
Prep Batch: 139477

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	713.7		mg/Kg		71	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.1	U *+	1000	835.0		mg/Kg		83	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	100		70 - 130
o-Terphenyl (Surr)	101		70 - 130

Lab Sample ID: 890-9862-19 MSD
Matrix: Solid
Analysis Batch: 139984

Client Sample ID: CS-19 (0.5)
Prep Type: Total/NA
Prep Batch: 139477

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	999	773.9		mg/Kg		77	70 - 130	8
Diesel Range Organics (Over C10-C28)	<50.1	U *+	999	856.5		mg/Kg		86	70 - 130	3

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	107		70 - 130
o-Terphenyl (Surr)	99		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-139482/1-A
 Matrix: Solid
 Analysis Batch: 139902

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 139482

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/30/26 11:49	05/05/26 23:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/30/26 11:49	05/05/26 23:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/30/26 11:49	05/05/26 23:06	1
Surrogate	MB MB		Limits			Prepared	Analyzed	Dil Fac	
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	82		70 - 130			04/30/26 11:49	05/05/26 23:06	1	
o-Terphenyl (Surr)	82		70 - 130			04/30/26 11:49	05/05/26 23:06	1	

Lab Sample ID: LCS 880-139482/2-A
 Matrix: Solid
 Analysis Batch: 139902

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 139482

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	856.1		mg/Kg		86	70 - 130
Surrogate	LCS LCS		Limits			%Rec	
	%Recovery	Qualifier					
1-Chlorooctane (Surr)	84		70 - 130				
o-Terphenyl (Surr)	91		70 - 130				

Lab Sample ID: LCSD 880-139482/3-A
 Matrix: Solid
 Analysis Batch: 139902

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 139482

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	885.0		mg/Kg		88	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	834.3		mg/Kg		83	70 - 130	3	20
Surrogate	LCSD LCSD		Limits			%Rec			
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	98		70 - 130						
o-Terphenyl (Surr)	92		70 - 130						

Lab Sample ID: 890-9862-39 MS
 Matrix: Solid
 Analysis Batch: 139902

Client Sample ID: CS-39 (0.5)
 Prep Type: Total/NA
 Prep Batch: 139482

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	835.6		mg/Kg		83	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 890-9862-39 MS
 Matrix: Solid
 Analysis Batch: 139902

Client Sample ID: CS-39 (0.5)
 Prep Type: Total/NA
 Prep Batch: 139482

Surrogate	%Recovery	MS MS Qualifier	Limits
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	98		70 - 130

Lab Sample ID: 890-9862-39 MSD
 Matrix: Solid
 Analysis Batch: 139902

Client Sample ID: CS-39 (0.5)
 Prep Type: Total/NA
 Prep Batch: 139482

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	1000	904.7		mg/Kg		90	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	855.6		mg/Kg		86	70 - 130	2	20

Surrogate	%Recovery	MSD MSD Qualifier	Limits
1-Chlorooctane (Surr)	106		70 - 130
o-Terphenyl (Surr)	98		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-139489/1-A
 Matrix: Solid
 Analysis Batch: 139523

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/30/26 20:35	1

Lab Sample ID: LCS 880-139489/2-A
 Matrix: Solid
 Analysis Batch: 139523

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.7		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-139489/3-A
 Matrix: Solid
 Analysis Batch: 139523

Client Sample ID: Lab Control Sample Dup
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	247.8		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 890-9862-35 MS
 Matrix: Solid
 Analysis Batch: 139523

Client Sample ID: CS-35 (0.5)
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1340	F1	1240	2800	F1	mg/Kg		118	90 - 110

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9862-35 MSD
Matrix: Solid
Analysis Batch: 139523

Client Sample ID: CS-35 (0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1340	F1	1240	2803	F1	mg/Kg		118	90 - 110	0	20

Lab Sample ID: 890-9862-45 MS
Matrix: Solid
Analysis Batch: 139523

Client Sample ID: CS-45 (0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1650	F1	1240	3124	F1	mg/Kg		119	90 - 110		

Lab Sample ID: 890-9862-45 MSD
Matrix: Solid
Analysis Batch: 139523

Client Sample ID: CS-45 (0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1650	F1	1240	3123	F1	mg/Kg		119	90 - 110	0	20

Lab Sample ID: MB 880-139487/1-A
Matrix: Solid
Analysis Batch: 139524

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/02/26 17:22	1

Lab Sample ID: LCS 880-139487/2-A
Matrix: Solid
Analysis Batch: 139524

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	242.7		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-139487/3-A
Matrix: Solid
Analysis Batch: 139524

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	243.9		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-9862-1 MS
Matrix: Solid
Analysis Batch: 139524

Client Sample ID: CS-1 (0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2690	F1	1250	4194	F1	mg/Kg		121	90 - 110		

Lab Sample ID: 890-9862-1 MSD
Matrix: Solid
Analysis Batch: 139524

Client Sample ID: CS-1 (0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2690	F1	1250	4212	F1	mg/Kg		122	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-9862-11 MS
Matrix: Solid
Analysis Batch: 139524

Client Sample ID: CS-11 (0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2290	F1	1240	3802	F1	mg/Kg		122	90 - 110

Lab Sample ID: 890-9862-11 MSD
Matrix: Solid
Analysis Batch: 139524

Client Sample ID: CS-11 (0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2290	F1	1240	3808	F1	mg/Kg		122	90 - 110	0	20

Lab Sample ID: MB 880-139488/1-A
Matrix: Solid
Analysis Batch: 139525

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/30/26 23:07	1

Lab Sample ID: LCS 880-139488/2-A
Matrix: Solid
Analysis Batch: 139525

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	248.8		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-139488/3-A
Matrix: Solid
Analysis Batch: 139525

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	249.0		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 890-9862-18 MS
Matrix: Solid
Analysis Batch: 139525

Client Sample ID: CS-18 (0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4820	F1	2510	7685	F1	mg/Kg		115	90 - 110

Lab Sample ID: 890-9862-18 MSD
Matrix: Solid
Analysis Batch: 139525

Client Sample ID: CS-18 (0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4820	F1	2510	7699	F1	mg/Kg		115	90 - 110	0	20

Lab Sample ID: 890-9862-28 MS
Matrix: Solid
Analysis Batch: 139525

Client Sample ID: CS-28 (0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1350	F1	1240	3086	F1	mg/Kg		140	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-9862-28 MSD
Matrix: Solid
Analysis Batch: 139525

Client Sample ID: CS-28 (0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1350	F1	1240	3092	F1	mg/Kg		140	90 - 110	0	20

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QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

GC VOA

Prep Batch: 139745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-139745/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 139834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-1	CS-1 (0.5)	Total/NA	Solid	5035	
890-9862-2	CS-2 (0.5)	Total/NA	Solid	5035	
890-9862-3	CS-3 (0.5)	Total/NA	Solid	5035	
890-9862-4	CS-4 (0.5)	Total/NA	Solid	5035	
890-9862-5	CS-5 (0.5)	Total/NA	Solid	5035	
890-9862-6	CS-6 (0.5)	Total/NA	Solid	5035	
890-9862-7	CS-7 (0.5)	Total/NA	Solid	5035	
890-9862-8	CS-8 (0.5)	Total/NA	Solid	5035	
890-9862-9	CS-9 (0.5)	Total/NA	Solid	5035	
890-9862-10	CS-10 (0.5)	Total/NA	Solid	5035	
890-9862-11	CS-11 (0.5)	Total/NA	Solid	5035	
890-9862-12	CS-12 (0.5)	Total/NA	Solid	5035	
890-9862-13	CS-13 (0.5)	Total/NA	Solid	5035	
890-9862-14	CS-14 (0.5)	Total/NA	Solid	5035	
890-9862-15	CS-15 (0.5)	Total/NA	Solid	5035	
890-9862-16	CS-16 (0.5)	Total/NA	Solid	5035	
890-9862-17	CS-17 (0.5)	Total/NA	Solid	5035	
890-9862-18	CS-18 (0.5)	Total/NA	Solid	5035	
890-9862-19	CS-19 (0.5)	Total/NA	Solid	5035	
890-9862-20	CS-20 (0.5)	Total/NA	Solid	5035	
MB 880-139834/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-139834/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-139834/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9862-1 MS	CS-1 (0.5)	Total/NA	Solid	5035	
890-9862-1 MSD	CS-1 (0.5)	Total/NA	Solid	5035	

Prep Batch: 139836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-21	CS-21 (0.5)	Total/NA	Solid	5035	
890-9862-22	CS-22 (0.5)	Total/NA	Solid	5035	
890-9862-23	CS-23 (0.5)	Total/NA	Solid	5035	
890-9862-24	CS-24 (0.5)	Total/NA	Solid	5035	
890-9862-25	CS-25 (0.5)	Total/NA	Solid	5035	
890-9862-26	CS-26 (0.5)	Total/NA	Solid	5035	
890-9862-27	CS-27 (0.5)	Total/NA	Solid	5035	
890-9862-28	CS-28 (0.5)	Total/NA	Solid	5035	
890-9862-29	CS-29 (0.5)	Total/NA	Solid	5035	
890-9862-30	CS-30 (0.5)	Total/NA	Solid	5035	
890-9862-31	CS-31 (0.5)	Total/NA	Solid	5035	
890-9862-32	CS-32 (0.5)	Total/NA	Solid	5035	
890-9862-33	CS-33 (0.5)	Total/NA	Solid	5035	
890-9862-34	CS-34 (0.5)	Total/NA	Solid	5035	
890-9862-35	CS-35 (0.5)	Total/NA	Solid	5035	
890-9862-36	CS-36 (0.5)	Total/NA	Solid	5035	
890-9862-37	CS-37 (0.5)	Total/NA	Solid	5035	
890-9862-38	CS-38 (0.5)	Total/NA	Solid	5035	
890-9862-39	CS-39 (0.5)	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 139836 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-40	CS-40 (0.5)	Total/NA	Solid	5035	
MB 880-139836/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-139836/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-139836/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9862-21 MS	CS-21 (0.5)	Total/NA	Solid	5035	
890-9862-21 MSD	CS-21 (0.5)	Total/NA	Solid	5035	

Prep Batch: 139840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-41	CS-41 (0.5)	Total/NA	Solid	5035	
890-9862-42	CS-42 (0.5)	Total/NA	Solid	5035	
890-9862-43	CS-43 (0.5)	Total/NA	Solid	5035	
890-9862-44	CS-44 (0.5)	Total/NA	Solid	5035	
890-9862-45	CS-45 (0.5)	Total/NA	Solid	5035	
890-9862-46	CS-46 (0.5)	Total/NA	Solid	5035	
890-9862-47	CS-47 (0.5)	Total/NA	Solid	5035	
890-9862-48	CS-48 (0.5)	Total/NA	Solid	5035	
890-9862-49	CS-49 (0.5)	Total/NA	Solid	5035	
890-9862-50	CS-50 (0.5)	Total/NA	Solid	5035	
MB 880-139840/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-139840/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-139840/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9862-41 MS	CS-41 (0.5)	Total/NA	Solid	5035	
890-9862-41 MSD	CS-41 (0.5)	Total/NA	Solid	5035	

Prep Batch: 139920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-139920/5-C	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 140001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-1	CS-1 (0.5)	Total/NA	Solid	8021B	139834
890-9862-2	CS-2 (0.5)	Total/NA	Solid	8021B	139834
890-9862-3	CS-3 (0.5)	Total/NA	Solid	8021B	139834
890-9862-4	CS-4 (0.5)	Total/NA	Solid	8021B	139834
890-9862-5	CS-5 (0.5)	Total/NA	Solid	8021B	139834
890-9862-6	CS-6 (0.5)	Total/NA	Solid	8021B	139834
890-9862-7	CS-7 (0.5)	Total/NA	Solid	8021B	139834
890-9862-8	CS-8 (0.5)	Total/NA	Solid	8021B	139834
890-9862-9	CS-9 (0.5)	Total/NA	Solid	8021B	139834
890-9862-10	CS-10 (0.5)	Total/NA	Solid	8021B	139834
890-9862-11	CS-11 (0.5)	Total/NA	Solid	8021B	139834
890-9862-12	CS-12 (0.5)	Total/NA	Solid	8021B	139834
890-9862-13	CS-13 (0.5)	Total/NA	Solid	8021B	139834
890-9862-14	CS-14 (0.5)	Total/NA	Solid	8021B	139834
890-9862-15	CS-15 (0.5)	Total/NA	Solid	8021B	139834
890-9862-16	CS-16 (0.5)	Total/NA	Solid	8021B	139834
890-9862-17	CS-17 (0.5)	Total/NA	Solid	8021B	139834
890-9862-18	CS-18 (0.5)	Total/NA	Solid	8021B	139834
890-9862-19	CS-19 (0.5)	Total/NA	Solid	8021B	139834
890-9862-20	CS-20 (0.5)	Total/NA	Solid	8021B	139834

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QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 140001 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-139834/5-A	Method Blank	Total/NA	Solid	8021B	139834
MB 880-140003/5-A	Method Blank	Total/NA	Solid	8021B	140003
LCS 880-139834/1-A	Lab Control Sample	Total/NA	Solid	8021B	139834
LCSD 880-139834/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139834
890-9862-1 MS	CS-1 (0.5)	Total/NA	Solid	8021B	139834
890-9862-1 MSD	CS-1 (0.5)	Total/NA	Solid	8021B	139834

Prep Batch: 140003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-140003/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 140030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-21	CS-21 (0.5)	Total/NA	Solid	8021B	139836
890-9862-22	CS-22 (0.5)	Total/NA	Solid	8021B	139836
890-9862-23	CS-23 (0.5)	Total/NA	Solid	8021B	139836
890-9862-24	CS-24 (0.5)	Total/NA	Solid	8021B	139836
890-9862-25	CS-25 (0.5)	Total/NA	Solid	8021B	139836
890-9862-26	CS-26 (0.5)	Total/NA	Solid	8021B	139836
890-9862-27	CS-27 (0.5)	Total/NA	Solid	8021B	139836
890-9862-28	CS-28 (0.5)	Total/NA	Solid	8021B	139836
890-9862-29	CS-29 (0.5)	Total/NA	Solid	8021B	139836
890-9862-30	CS-30 (0.5)	Total/NA	Solid	8021B	139836
890-9862-31	CS-31 (0.5)	Total/NA	Solid	8021B	139836
890-9862-32	CS-32 (0.5)	Total/NA	Solid	8021B	139836
890-9862-33	CS-33 (0.5)	Total/NA	Solid	8021B	139836
890-9862-34	CS-34 (0.5)	Total/NA	Solid	8021B	139836
890-9862-35	CS-35 (0.5)	Total/NA	Solid	8021B	139836
890-9862-36	CS-36 (0.5)	Total/NA	Solid	8021B	139836
890-9862-37	CS-37 (0.5)	Total/NA	Solid	8021B	139836
890-9862-38	CS-38 (0.5)	Total/NA	Solid	8021B	139836
890-9862-39	CS-39 (0.5)	Total/NA	Solid	8021B	139836
890-9862-40	CS-40 (0.5)	Total/NA	Solid	8021B	139836
MB 880-139836/5-A	Method Blank	Total/NA	Solid	8021B	139836
MB 880-139920/5-C	Method Blank	Total/NA	Solid	8021B	139920
LCS 880-139836/1-A	Lab Control Sample	Total/NA	Solid	8021B	139836
LCSD 880-139836/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139836
890-9862-21 MS	CS-21 (0.5)	Total/NA	Solid	8021B	139836
890-9862-21 MSD	CS-21 (0.5)	Total/NA	Solid	8021B	139836

Analysis Batch: 140065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-41	CS-41 (0.5)	Total/NA	Solid	8021B	139840
890-9862-42	CS-42 (0.5)	Total/NA	Solid	8021B	139840
890-9862-43	CS-43 (0.5)	Total/NA	Solid	8021B	139840
890-9862-44	CS-44 (0.5)	Total/NA	Solid	8021B	139840
890-9862-45	CS-45 (0.5)	Total/NA	Solid	8021B	139840
890-9862-46	CS-46 (0.5)	Total/NA	Solid	8021B	139840
890-9862-47	CS-47 (0.5)	Total/NA	Solid	8021B	139840
890-9862-48	CS-48 (0.5)	Total/NA	Solid	8021B	139840
890-9862-49	CS-49 (0.5)	Total/NA	Solid	8021B	139840

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QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 140065 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-50	CS-50 (0.5)	Total/NA	Solid	8021B	139840
MB 880-139745/5-A	Method Blank	Total/NA	Solid	8021B	139745
MB 880-139840/5-A	Method Blank	Total/NA	Solid	8021B	139840
LCS 880-139840/1-A	Lab Control Sample	Total/NA	Solid	8021B	139840
LCSD 880-139840/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139840
890-9862-41 MS	CS-41 (0.5)	Total/NA	Solid	8021B	139840
890-9862-41 MSD	CS-41 (0.5)	Total/NA	Solid	8021B	139840

Analysis Batch: 140167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-1	CS-1 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-2	CS-2 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-3	CS-3 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-4	CS-4 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-5	CS-5 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-6	CS-6 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-7	CS-7 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-8	CS-8 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-9	CS-9 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-10	CS-10 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-11	CS-11 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-12	CS-12 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-13	CS-13 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-14	CS-14 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-15	CS-15 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-16	CS-16 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-17	CS-17 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-18	CS-18 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-19	CS-19 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-20	CS-20 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-21	CS-21 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-22	CS-22 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-23	CS-23 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-24	CS-24 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-25	CS-25 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-26	CS-26 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-27	CS-27 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-28	CS-28 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-29	CS-29 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-30	CS-30 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-31	CS-31 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-32	CS-32 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-33	CS-33 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-34	CS-34 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-35	CS-35 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-36	CS-36 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-37	CS-37 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-38	CS-38 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-39	CS-39 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-40	CS-40 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-41	CS-41 (0.5)	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 140167 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-42	CS-42 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-43	CS-43 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-44	CS-44 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-45	CS-45 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-46	CS-46 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-47	CS-47 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-48	CS-48 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-49	CS-49 (0.5)	Total/NA	Solid	Total BTEX	
890-9862-50	CS-50 (0.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 139359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-1	CS-1 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-2	CS-2 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-3	CS-3 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-4	CS-4 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-5	CS-5 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-6	CS-6 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-7	CS-7 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-8	CS-8 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-9	CS-9 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-10	CS-10 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-11	CS-11 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-12	CS-12 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-13	CS-13 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-14	CS-14 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-15	CS-15 (0.5)	Total/NA	Solid	8015NM Prep	
MB 880-139359/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-139359/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-139359/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
820-24825-A-35-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
820-24825-A-35-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 139476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-16	CS-16 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-17	CS-17 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-18	CS-18 (0.5)	Total/NA	Solid	8015NM Prep	
MB 880-139476/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-139476/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-139476/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-71629-A-81-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-71629-A-81-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 139477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-19	CS-19 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-20	CS-20 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-21	CS-21 (0.5)	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 139477 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-22	CS-22 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-23	CS-23 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-24	CS-24 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-25	CS-25 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-26	CS-26 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-27	CS-27 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-28	CS-28 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-29	CS-29 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-30	CS-30 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-31	CS-31 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-32	CS-32 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-33	CS-33 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-34	CS-34 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-35	CS-35 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-36	CS-36 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-37	CS-37 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-38	CS-38 (0.5)	Total/NA	Solid	8015NM Prep	
MB 880-139477/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-139477/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-139477/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9862-19 MS	CS-19 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-19 MSD	CS-19 (0.5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 139482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-39	CS-39 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-40	CS-40 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-41	CS-41 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-42	CS-42 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-43	CS-43 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-44	CS-44 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-45	CS-45 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-46	CS-46 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-47	CS-47 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-48	CS-48 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-49	CS-49 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-50	CS-50 (0.5)	Total/NA	Solid	8015NM Prep	
MB 880-139482/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-139482/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-139482/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9862-39 MS	CS-39 (0.5)	Total/NA	Solid	8015NM Prep	
890-9862-39 MSD	CS-39 (0.5)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 139898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-1	CS-1 (0.5)	Total/NA	Solid	8015B NM	139359
890-9862-2	CS-2 (0.5)	Total/NA	Solid	8015B NM	139359
890-9862-3	CS-3 (0.5)	Total/NA	Solid	8015B NM	139359
890-9862-4	CS-4 (0.5)	Total/NA	Solid	8015B NM	139359
890-9862-5	CS-5 (0.5)	Total/NA	Solid	8015B NM	139359
890-9862-6	CS-6 (0.5)	Total/NA	Solid	8015B NM	139359

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 139898 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-7	CS-7 (0.5)	Total/NA	Solid	8015B NM	139359
890-9862-8	CS-8 (0.5)	Total/NA	Solid	8015B NM	139359
890-9862-9	CS-9 (0.5)	Total/NA	Solid	8015B NM	139359
890-9862-10	CS-10 (0.5)	Total/NA	Solid	8015B NM	139359
890-9862-11	CS-11 (0.5)	Total/NA	Solid	8015B NM	139359
890-9862-12	CS-12 (0.5)	Total/NA	Solid	8015B NM	139359
890-9862-13	CS-13 (0.5)	Total/NA	Solid	8015B NM	139359
890-9862-14	CS-14 (0.5)	Total/NA	Solid	8015B NM	139359
890-9862-15	CS-15 (0.5)	Total/NA	Solid	8015B NM	139359
MB 880-139359/1-A	Method Blank	Total/NA	Solid	8015B NM	139359
LCS 880-139359/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	139359
LCSD 880-139359/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	139359
820-24825-A-35-B MS	Matrix Spike	Total/NA	Solid	8015B NM	139359
820-24825-A-35-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	139359

Analysis Batch: 139902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-39	CS-39 (0.5)	Total/NA	Solid	8015B NM	139482
890-9862-40	CS-40 (0.5)	Total/NA	Solid	8015B NM	139482
890-9862-41	CS-41 (0.5)	Total/NA	Solid	8015B NM	139482
890-9862-42	CS-42 (0.5)	Total/NA	Solid	8015B NM	139482
890-9862-43	CS-43 (0.5)	Total/NA	Solid	8015B NM	139482
890-9862-44	CS-44 (0.5)	Total/NA	Solid	8015B NM	139482
890-9862-45	CS-45 (0.5)	Total/NA	Solid	8015B NM	139482
890-9862-46	CS-46 (0.5)	Total/NA	Solid	8015B NM	139482
890-9862-47	CS-47 (0.5)	Total/NA	Solid	8015B NM	139482
890-9862-48	CS-48 (0.5)	Total/NA	Solid	8015B NM	139482
890-9862-49	CS-49 (0.5)	Total/NA	Solid	8015B NM	139482
890-9862-50	CS-50 (0.5)	Total/NA	Solid	8015B NM	139482
MB 880-139482/1-A	Method Blank	Total/NA	Solid	8015B NM	139482
LCS 880-139482/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	139482
LCSD 880-139482/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	139482
890-9862-39 MS	CS-39 (0.5)	Total/NA	Solid	8015B NM	139482
890-9862-39 MSD	CS-39 (0.5)	Total/NA	Solid	8015B NM	139482

Analysis Batch: 139984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-16	CS-16 (0.5)	Total/NA	Solid	8015B NM	139476
890-9862-17	CS-17 (0.5)	Total/NA	Solid	8015B NM	139476
890-9862-18	CS-18 (0.5)	Total/NA	Solid	8015B NM	139476
890-9862-19	CS-19 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-20	CS-20 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-21	CS-21 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-22	CS-22 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-23	CS-23 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-24	CS-24 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-25	CS-25 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-26	CS-26 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-27	CS-27 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-28	CS-28 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-29	CS-29 (0.5)	Total/NA	Solid	8015B NM	139477

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 139984 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-30	CS-30 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-31	CS-31 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-32	CS-32 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-33	CS-33 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-34	CS-34 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-35	CS-35 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-36	CS-36 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-37	CS-37 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-38	CS-38 (0.5)	Total/NA	Solid	8015B NM	139477
MB 880-139476/1-A	Method Blank	Total/NA	Solid	8015B NM	139476
MB 880-139477/1-A	Method Blank	Total/NA	Solid	8015B NM	139477
LCS 880-139476/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	139476
LCS 880-139477/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	139477
LCS D 880-139476/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	139476
LCS D 880-139477/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	139477
880-71629-A-81-B MS	Matrix Spike	Total/NA	Solid	8015B NM	139476
880-71629-A-81-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	139476
890-9862-19 MS	CS-19 (0.5)	Total/NA	Solid	8015B NM	139477
890-9862-19 MSD	CS-19 (0.5)	Total/NA	Solid	8015B NM	139477

Analysis Batch: 139989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-1	CS-1 (0.5)	Total/NA	Solid	8015 NM	
890-9862-2	CS-2 (0.5)	Total/NA	Solid	8015 NM	
890-9862-3	CS-3 (0.5)	Total/NA	Solid	8015 NM	
890-9862-4	CS-4 (0.5)	Total/NA	Solid	8015 NM	
890-9862-5	CS-5 (0.5)	Total/NA	Solid	8015 NM	
890-9862-6	CS-6 (0.5)	Total/NA	Solid	8015 NM	
890-9862-7	CS-7 (0.5)	Total/NA	Solid	8015 NM	
890-9862-8	CS-8 (0.5)	Total/NA	Solid	8015 NM	
890-9862-9	CS-9 (0.5)	Total/NA	Solid	8015 NM	
890-9862-10	CS-10 (0.5)	Total/NA	Solid	8015 NM	
890-9862-11	CS-11 (0.5)	Total/NA	Solid	8015 NM	
890-9862-12	CS-12 (0.5)	Total/NA	Solid	8015 NM	
890-9862-13	CS-13 (0.5)	Total/NA	Solid	8015 NM	
890-9862-14	CS-14 (0.5)	Total/NA	Solid	8015 NM	
890-9862-15	CS-15 (0.5)	Total/NA	Solid	8015 NM	
890-9862-16	CS-16 (0.5)	Total/NA	Solid	8015 NM	
890-9862-17	CS-17 (0.5)	Total/NA	Solid	8015 NM	
890-9862-18	CS-18 (0.5)	Total/NA	Solid	8015 NM	
890-9862-19	CS-19 (0.5)	Total/NA	Solid	8015 NM	
890-9862-20	CS-20 (0.5)	Total/NA	Solid	8015 NM	
890-9862-21	CS-21 (0.5)	Total/NA	Solid	8015 NM	
890-9862-22	CS-22 (0.5)	Total/NA	Solid	8015 NM	
890-9862-23	CS-23 (0.5)	Total/NA	Solid	8015 NM	
890-9862-24	CS-24 (0.5)	Total/NA	Solid	8015 NM	
890-9862-25	CS-25 (0.5)	Total/NA	Solid	8015 NM	
890-9862-26	CS-26 (0.5)	Total/NA	Solid	8015 NM	
890-9862-27	CS-27 (0.5)	Total/NA	Solid	8015 NM	
890-9862-28	CS-28 (0.5)	Total/NA	Solid	8015 NM	
890-9862-29	CS-29 (0.5)	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 139989 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-30	CS-30 (0.5)	Total/NA	Solid	8015 NM	
890-9862-31	CS-31 (0.5)	Total/NA	Solid	8015 NM	
890-9862-32	CS-32 (0.5)	Total/NA	Solid	8015 NM	
890-9862-33	CS-33 (0.5)	Total/NA	Solid	8015 NM	
890-9862-34	CS-34 (0.5)	Total/NA	Solid	8015 NM	
890-9862-35	CS-35 (0.5)	Total/NA	Solid	8015 NM	
890-9862-36	CS-36 (0.5)	Total/NA	Solid	8015 NM	
890-9862-37	CS-37 (0.5)	Total/NA	Solid	8015 NM	
890-9862-38	CS-38 (0.5)	Total/NA	Solid	8015 NM	
890-9862-39	CS-39 (0.5)	Total/NA	Solid	8015 NM	
890-9862-40	CS-40 (0.5)	Total/NA	Solid	8015 NM	
890-9862-41	CS-41 (0.5)	Total/NA	Solid	8015 NM	
890-9862-42	CS-42 (0.5)	Total/NA	Solid	8015 NM	
890-9862-43	CS-43 (0.5)	Total/NA	Solid	8015 NM	
890-9862-44	CS-44 (0.5)	Total/NA	Solid	8015 NM	
890-9862-45	CS-45 (0.5)	Total/NA	Solid	8015 NM	
890-9862-46	CS-46 (0.5)	Total/NA	Solid	8015 NM	
890-9862-47	CS-47 (0.5)	Total/NA	Solid	8015 NM	
890-9862-48	CS-48 (0.5)	Total/NA	Solid	8015 NM	
890-9862-49	CS-49 (0.5)	Total/NA	Solid	8015 NM	
890-9862-50	CS-50 (0.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 139487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-1	CS-1 (0.5)	Soluble	Solid	DI Leach	
890-9862-2	CS-2 (0.5)	Soluble	Solid	DI Leach	
890-9862-3	CS-3 (0.5)	Soluble	Solid	DI Leach	
890-9862-4	CS-4 (0.5)	Soluble	Solid	DI Leach	
890-9862-5	CS-5 (0.5)	Soluble	Solid	DI Leach	
890-9862-6	CS-6 (0.5)	Soluble	Solid	DI Leach	
890-9862-7	CS-7 (0.5)	Soluble	Solid	DI Leach	
890-9862-8	CS-8 (0.5)	Soluble	Solid	DI Leach	
890-9862-9	CS-9 (0.5)	Soluble	Solid	DI Leach	
890-9862-10	CS-10 (0.5)	Soluble	Solid	DI Leach	
890-9862-11	CS-11 (0.5)	Soluble	Solid	DI Leach	
890-9862-12	CS-12 (0.5)	Soluble	Solid	DI Leach	
890-9862-13	CS-13 (0.5)	Soluble	Solid	DI Leach	
890-9862-14	CS-14 (0.5)	Soluble	Solid	DI Leach	
890-9862-15	CS-15 (0.5)	Soluble	Solid	DI Leach	
890-9862-16	CS-16 (0.5)	Soluble	Solid	DI Leach	
890-9862-17	CS-17 (0.5)	Soluble	Solid	DI Leach	
MB 880-139487/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-139487/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-139487/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9862-1 MS	CS-1 (0.5)	Soluble	Solid	DI Leach	
890-9862-1 MSD	CS-1 (0.5)	Soluble	Solid	DI Leach	
890-9862-11 MS	CS-11 (0.5)	Soluble	Solid	DI Leach	
890-9862-11 MSD	CS-11 (0.5)	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

HPLC/IC

Leach Batch: 139488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-18	CS-18 (0.5)	Soluble	Solid	DI Leach	
890-9862-19	CS-19 (0.5)	Soluble	Solid	DI Leach	
890-9862-20	CS-20 (0.5)	Soluble	Solid	DI Leach	
890-9862-21	CS-21 (0.5)	Soluble	Solid	DI Leach	
890-9862-22	CS-22 (0.5)	Soluble	Solid	DI Leach	
890-9862-23	CS-23 (0.5)	Soluble	Solid	DI Leach	
890-9862-24	CS-24 (0.5)	Soluble	Solid	DI Leach	
890-9862-25	CS-25 (0.5)	Soluble	Solid	DI Leach	
890-9862-26	CS-26 (0.5)	Soluble	Solid	DI Leach	
890-9862-27	CS-27 (0.5)	Soluble	Solid	DI Leach	
890-9862-28	CS-28 (0.5)	Soluble	Solid	DI Leach	
890-9862-29	CS-29 (0.5)	Soluble	Solid	DI Leach	
890-9862-30	CS-30 (0.5)	Soluble	Solid	DI Leach	
890-9862-31	CS-31 (0.5)	Soluble	Solid	DI Leach	
890-9862-32	CS-32 (0.5)	Soluble	Solid	DI Leach	
890-9862-33	CS-33 (0.5)	Soluble	Solid	DI Leach	
890-9862-34	CS-34 (0.5)	Soluble	Solid	DI Leach	
MB 880-139488/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-139488/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-139488/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9862-18 MS	CS-18 (0.5)	Soluble	Solid	DI Leach	
890-9862-18 MSD	CS-18 (0.5)	Soluble	Solid	DI Leach	
890-9862-28 MS	CS-28 (0.5)	Soluble	Solid	DI Leach	
890-9862-28 MSD	CS-28 (0.5)	Soluble	Solid	DI Leach	

Leach Batch: 139489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-35	CS-35 (0.5)	Soluble	Solid	DI Leach	
890-9862-36	CS-36 (0.5)	Soluble	Solid	DI Leach	
890-9862-37	CS-37 (0.5)	Soluble	Solid	DI Leach	
890-9862-38	CS-38 (0.5)	Soluble	Solid	DI Leach	
890-9862-39	CS-39 (0.5)	Soluble	Solid	DI Leach	
890-9862-40	CS-40 (0.5)	Soluble	Solid	DI Leach	
890-9862-41	CS-41 (0.5)	Soluble	Solid	DI Leach	
890-9862-42	CS-42 (0.5)	Soluble	Solid	DI Leach	
890-9862-43	CS-43 (0.5)	Soluble	Solid	DI Leach	
890-9862-44	CS-44 (0.5)	Soluble	Solid	DI Leach	
890-9862-45	CS-45 (0.5)	Soluble	Solid	DI Leach	
890-9862-46	CS-46 (0.5)	Soluble	Solid	DI Leach	
890-9862-47	CS-47 (0.5)	Soluble	Solid	DI Leach	
890-9862-48	CS-48 (0.5)	Soluble	Solid	DI Leach	
890-9862-49	CS-49 (0.5)	Soluble	Solid	DI Leach	
890-9862-50	CS-50 (0.5)	Soluble	Solid	DI Leach	
MB 880-139489/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-139489/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-139489/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9862-35 MS	CS-35 (0.5)	Soluble	Solid	DI Leach	
890-9862-35 MSD	CS-35 (0.5)	Soluble	Solid	DI Leach	
890-9862-45 MS	CS-45 (0.5)	Soluble	Solid	DI Leach	
890-9862-45 MSD	CS-45 (0.5)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

HPLC/IC

Analysis Batch: 139523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-35	CS-35 (0.5)	Soluble	Solid	300.0	139489
890-9862-36	CS-36 (0.5)	Soluble	Solid	300.0	139489
890-9862-37	CS-37 (0.5)	Soluble	Solid	300.0	139489
890-9862-38	CS-38 (0.5)	Soluble	Solid	300.0	139489
890-9862-39	CS-39 (0.5)	Soluble	Solid	300.0	139489
890-9862-40	CS-40 (0.5)	Soluble	Solid	300.0	139489
890-9862-41	CS-41 (0.5)	Soluble	Solid	300.0	139489
890-9862-42	CS-42 (0.5)	Soluble	Solid	300.0	139489
890-9862-43	CS-43 (0.5)	Soluble	Solid	300.0	139489
890-9862-44	CS-44 (0.5)	Soluble	Solid	300.0	139489
890-9862-45	CS-45 (0.5)	Soluble	Solid	300.0	139489
890-9862-46	CS-46 (0.5)	Soluble	Solid	300.0	139489
890-9862-47	CS-47 (0.5)	Soluble	Solid	300.0	139489
890-9862-48	CS-48 (0.5)	Soluble	Solid	300.0	139489
890-9862-49	CS-49 (0.5)	Soluble	Solid	300.0	139489
890-9862-50	CS-50 (0.5)	Soluble	Solid	300.0	139489
MB 880-139489/1-A	Method Blank	Soluble	Solid	300.0	139489
LCS 880-139489/2-A	Lab Control Sample	Soluble	Solid	300.0	139489
LCSD 880-139489/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	139489
890-9862-35 MS	CS-35 (0.5)	Soluble	Solid	300.0	139489
890-9862-35 MSD	CS-35 (0.5)	Soluble	Solid	300.0	139489
890-9862-45 MS	CS-45 (0.5)	Soluble	Solid	300.0	139489
890-9862-45 MSD	CS-45 (0.5)	Soluble	Solid	300.0	139489

Analysis Batch: 139524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-1	CS-1 (0.5)	Soluble	Solid	300.0	139487
890-9862-2	CS-2 (0.5)	Soluble	Solid	300.0	139487
890-9862-3	CS-3 (0.5)	Soluble	Solid	300.0	139487
890-9862-4	CS-4 (0.5)	Soluble	Solid	300.0	139487
890-9862-5	CS-5 (0.5)	Soluble	Solid	300.0	139487
890-9862-6	CS-6 (0.5)	Soluble	Solid	300.0	139487
890-9862-7	CS-7 (0.5)	Soluble	Solid	300.0	139487
890-9862-8	CS-8 (0.5)	Soluble	Solid	300.0	139487
890-9862-9	CS-9 (0.5)	Soluble	Solid	300.0	139487
890-9862-10	CS-10 (0.5)	Soluble	Solid	300.0	139487
890-9862-11	CS-11 (0.5)	Soluble	Solid	300.0	139487
890-9862-12	CS-12 (0.5)	Soluble	Solid	300.0	139487
890-9862-13	CS-13 (0.5)	Soluble	Solid	300.0	139487
890-9862-14	CS-14 (0.5)	Soluble	Solid	300.0	139487
890-9862-15	CS-15 (0.5)	Soluble	Solid	300.0	139487
890-9862-16	CS-16 (0.5)	Soluble	Solid	300.0	139487
890-9862-17	CS-17 (0.5)	Soluble	Solid	300.0	139487
MB 880-139487/1-A	Method Blank	Soluble	Solid	300.0	139487
LCS 880-139487/2-A	Lab Control Sample	Soluble	Solid	300.0	139487
LCSD 880-139487/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	139487
890-9862-1 MS	CS-1 (0.5)	Soluble	Solid	300.0	139487
890-9862-1 MSD	CS-1 (0.5)	Soluble	Solid	300.0	139487
890-9862-11 MS	CS-11 (0.5)	Soluble	Solid	300.0	139487
890-9862-11 MSD	CS-11 (0.5)	Soluble	Solid	300.0	139487

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

HPLC/IC

Analysis Batch: 139525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9862-18	CS-18 (0.5)	Soluble	Solid	300.0	139488
890-9862-19	CS-19 (0.5)	Soluble	Solid	300.0	139488
890-9862-20	CS-20 (0.5)	Soluble	Solid	300.0	139488
890-9862-21	CS-21 (0.5)	Soluble	Solid	300.0	139488
890-9862-22	CS-22 (0.5)	Soluble	Solid	300.0	139488
890-9862-23	CS-23 (0.5)	Soluble	Solid	300.0	139488
890-9862-24	CS-24 (0.5)	Soluble	Solid	300.0	139488
890-9862-25	CS-25 (0.5)	Soluble	Solid	300.0	139488
890-9862-26	CS-26 (0.5)	Soluble	Solid	300.0	139488
890-9862-27	CS-27 (0.5)	Soluble	Solid	300.0	139488
890-9862-28	CS-28 (0.5)	Soluble	Solid	300.0	139488
890-9862-29	CS-29 (0.5)	Soluble	Solid	300.0	139488
890-9862-30	CS-30 (0.5)	Soluble	Solid	300.0	139488
890-9862-31	CS-31 (0.5)	Soluble	Solid	300.0	139488
890-9862-32	CS-32 (0.5)	Soluble	Solid	300.0	139488
890-9862-33	CS-33 (0.5)	Soluble	Solid	300.0	139488
890-9862-34	CS-34 (0.5)	Soluble	Solid	300.0	139488
MB 880-139488/1-A	Method Blank	Soluble	Solid	300.0	139488
LCS 880-139488/2-A	Lab Control Sample	Soluble	Solid	300.0	139488
LCSD 880-139488/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	139488
890-9862-18 MS	CS-18 (0.5)	Soluble	Solid	300.0	139488
890-9862-18 MSD	CS-18 (0.5)	Soluble	Solid	300.0	139488
890-9862-28 MS	CS-28 (0.5)	Soluble	Solid	300.0	139488
890-9862-28 MSD	CS-28 (0.5)	Soluble	Solid	300.0	139488

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-1 (0.5)

Lab Sample ID: 890-9862-1

Date Collected: 04/29/26 09:30

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 00:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 00:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/05/26 11:35	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139359	04/29/26 11:56	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 11:35	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	139487	04/30/26 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139524	05/02/26 17:37	SMC	EET MID

Client Sample ID: CS-2 (0.5)

Lab Sample ID: 890-9862-2

Date Collected: 04/29/26 09:32

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 01:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 01:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/05/26 11:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	139359	04/29/26 11:56	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 11:49	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139487	04/30/26 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139524	05/02/26 17:51	SMC	EET MID

Client Sample ID: CS-3 (0.5)

Lab Sample ID: 890-9862-3

Date Collected: 04/29/26 09:34

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 01:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 01:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/05/26 12:03	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	139359	04/29/26 11:56	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 12:03	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139487	04/30/26 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139524	05/02/26 17:56	SMC	EET MID

Client Sample ID: CS-4 (0.5)

Lab Sample ID: 890-9862-4

Date Collected: 04/29/26 09:36

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 01:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 01:56	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-4 (0.5)

Lab Sample ID: 890-9862-4

Date Collected: 04/29/26 09:36

Matrix: Solid

Date Received: 04/29/26 15:30

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			139989	05/05/26 12:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139359	04/29/26 11:56	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 12:18	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139487	04/30/26 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139524	05/02/26 18:01	SMC	EET MID

Client Sample ID: CS-5 (0.5)

Lab Sample ID: 890-9862-5

Date Collected: 04/29/26 09:38

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 02:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 02:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/05/26 12:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139359	04/29/26 11:56	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 12:47	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	139487	04/30/26 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139524	05/02/26 18:06	SMC	EET MID

Client Sample ID: CS-6 (0.5)

Lab Sample ID: 890-9862-6

Date Collected: 04/29/26 09:40

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 02:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 02:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/05/26 13:16	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	139359	04/29/26 11:56	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 13:16	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	139487	04/30/26 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139524	05/02/26 18:21	SMC	EET MID

Client Sample ID: CS-7 (0.5)

Lab Sample ID: 890-9862-7

Date Collected: 04/29/26 09:42

Matrix: Solid

Date Received: 04/29/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 02:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 02:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/05/26 13:30	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139359	04/29/26 11:56	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 13:30	FC	EET MID

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-7 (0.5)

Lab Sample ID: 890-9862-7

Date Collected: 04/29/26 09:42

Matrix: Solid

Date Received: 04/29/26 15:30

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	139487	04/30/26 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139524	05/02/26 18:26	SMC	EET MID

Client Sample ID: CS-8 (0.5)

Lab Sample ID: 890-9862-8

Date Collected: 04/29/26 09:44

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 03:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 03:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/05/26 13:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139359	04/29/26 11:56	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 13:45	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	139487	04/30/26 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139524	05/02/26 18:31	SMC	EET MID

Client Sample ID: CS-9 (0.5)

Lab Sample ID: 890-9862-9

Date Collected: 04/29/26 09:46

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 03:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 03:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/05/26 14:00	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139359	04/29/26 11:56	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 14:00	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139487	04/30/26 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139524	05/02/26 18:36	SMC	EET MID

Client Sample ID: CS-10 (0.5)

Lab Sample ID: 890-9862-10

Date Collected: 04/29/26 09:48

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 04:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 04:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/05/26 14:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	139359	04/29/26 11:56	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 14:14	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	139487	04/30/26 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139524	05/02/26 18:41	SMC	EET MID

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-11 (0.5)

Lab Sample ID: 890-9862-11

Date Collected: 04/29/26 09:50

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 05:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 05:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/05/26 14:29	SA	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10.00 mL	139359	04/29/26 11:56	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 14:29	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139487	04/30/26 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139524	05/02/26 18:46	SMC	EET MID

Client Sample ID: CS-12 (0.5)

Lab Sample ID: 890-9862-12

Date Collected: 04/29/26 09:52

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 05:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 05:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/05/26 14:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139359	04/29/26 11:56	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 14:43	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139487	04/30/26 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139524	05/02/26 19:00	SMC	EET MID

Client Sample ID: CS-13 (0.5)

Lab Sample ID: 890-9862-13

Date Collected: 04/29/26 09:54

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 06:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 06:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/05/26 14:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139359	04/29/26 11:56	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 14:58	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	139487	04/30/26 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139524	05/02/26 19:05	SMC	EET MID

Client Sample ID: CS-14 (0.5)

Lab Sample ID: 890-9862-14

Date Collected: 04/29/26 09:56

Matrix: Solid

Date Received: 04/29/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 06:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 06:27	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-14 (0.5)

Lab Sample ID: 890-9862-14

Date Collected: 04/29/26 09:56

Matrix: Solid

Date Received: 04/29/26 15:30

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			139989	05/05/26 15:13	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139359	04/29/26 11:56	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 15:13	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	139487	04/30/26 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139524	05/02/26 19:20	SMC	EET MID

Client Sample ID: CS-15 (0.5)

Lab Sample ID: 890-9862-15

Date Collected: 04/29/26 09:58

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 06:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 06:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/05/26 15:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	139359	04/29/26 11:56	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 15:27	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	139487	04/30/26 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139524	05/02/26 19:25	SMC	EET MID

Client Sample ID: CS-16 (0.5)

Lab Sample ID: 890-9862-16

Date Collected: 04/29/26 10:00

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 07:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 07:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 01:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139476	04/30/26 11:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 01:49	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	139487	04/30/26 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139524	05/02/26 19:30	SMC	EET MID

Client Sample ID: CS-17 (0.5)

Lab Sample ID: 890-9862-17

Date Collected: 04/29/26 10:02

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 07:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 07:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 02:09	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139476	04/30/26 11:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 02:09	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-17 (0.5)

Lab Sample ID: 890-9862-17

Date Collected: 04/29/26 10:02

Matrix: Solid

Date Received: 04/29/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	139487	04/30/26 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139524	05/02/26 19:35	SMC	EET MID

Client Sample ID: CS-18 (0.5)

Lab Sample ID: 890-9862-18

Date Collected: 04/29/26 10:04

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 07:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 07:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 02:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	139476	04/30/26 11:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 02:29	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	139488	04/30/26 13:09	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	139525	04/30/26 23:22	SMC	EET MID

Client Sample ID: CS-19 (0.5)

Lab Sample ID: 890-9862-19

Date Collected: 04/29/26 10:06

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 08:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 08:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 04:52	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 04:52	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139488	04/30/26 13:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139525	04/30/26 23:37	SMC	EET MID

Client Sample ID: CS-20 (0.5)

Lab Sample ID: 890-9862-20

Date Collected: 04/29/26 10:08

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139834	05/04/26 15:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/07/26 08:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 08:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 05:53	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 05:53	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	139488	04/30/26 13:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139525	04/30/26 23:42	SMC	EET MID

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-21 (0.5)

Lab Sample ID: 890-9862-21

Date Collected: 04/29/26 10:10

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 01:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 01:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 06:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 06:13	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	139488	04/30/26 13:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139525	04/30/26 23:47	SMC	EET MID

Client Sample ID: CS-22 (0.5)

Lab Sample ID: 890-9862-22

Date Collected: 04/29/26 10:12

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 01:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 01:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 06:33	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 06:33	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	139488	04/30/26 13:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139525	04/30/26 23:52	SMC	EET MID

Client Sample ID: CS-23 (0.5)

Lab Sample ID: 890-9862-23

Date Collected: 04/29/26 10:14

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 02:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 02:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 06:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 06:53	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139488	04/30/26 13:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139525	05/01/26 00:06	SMC	EET MID

Client Sample ID: CS-24 (0.5)

Lab Sample ID: 890-9862-24

Date Collected: 04/29/26 10:16

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 02:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 02:37	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-24 (0.5)

Lab Sample ID: 890-9862-24

Date Collected: 04/29/26 10:16

Matrix: Solid

Date Received: 04/29/26 15:30

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			139989	05/06/26 07:13	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 07:13	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	139488	04/30/26 13:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139525	05/01/26 00:11	SMC	EET MID

Client Sample ID: CS-25 (0.5)

Lab Sample ID: 890-9862-25

Date Collected: 04/29/26 10:18

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 02:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 02:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 07:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 07:34	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139488	04/30/26 13:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139525	05/01/26 00:16	SMC	EET MID

Client Sample ID: CS-26 (0.5)

Lab Sample ID: 890-9862-26

Date Collected: 04/29/26 10:20

Matrix: Solid

Date Received: 04/29/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 03:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 03:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 07:55	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 07:55	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	139488	04/30/26 13:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139525	05/01/26 00:21	SMC	EET MID

Client Sample ID: CS-27 (0.5)

Lab Sample ID: 890-9862-27

Date Collected: 04/29/26 10:22

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 03:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 03:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 08:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 08:15	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-27 (0.5)

Lab Sample ID: 890-9862-27

Date Collected: 04/29/26 10:22

Matrix: Solid

Date Received: 04/29/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	139488	04/30/26 13:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139525	05/01/26 00:26	SMC	EET MID

Client Sample ID: CS-28 (0.5)

Lab Sample ID: 890-9862-28

Date Collected: 04/29/26 10:24

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 03:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 03:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 08:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 08:35	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	139488	04/30/26 13:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139525	05/01/26 00:31	SMC	EET MID

Client Sample ID: CS-29 (0.5)

Lab Sample ID: 890-9862-29

Date Collected: 04/29/26 10:26

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 04:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 04:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 09:16	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 09:16	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139488	04/30/26 13:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139525	05/01/26 00:46	SMC	EET MID

Client Sample ID: CS-30 (0.5)

Lab Sample ID: 890-9862-30

Date Collected: 04/29/26 10:28

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 04:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 04:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 09:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 09:36	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139488	04/30/26 13:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139525	05/01/26 00:51	SMC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-31 (0.5)

Lab Sample ID: 890-9862-31

Date Collected: 04/29/26 10:30

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 06:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 06:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 09:57	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 09:57	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139488	04/30/26 13:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139525	05/01/26 01:06	SMC	EET MID

Client Sample ID: CS-32 (0.5)

Lab Sample ID: 890-9862-32

Date Collected: 04/29/26 10:32

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 06:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 06:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 10:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 10:17	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	139488	04/30/26 13:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139525	05/01/26 01:11	SMC	EET MID

Client Sample ID: CS-33 (0.5)

Lab Sample ID: 890-9862-33

Date Collected: 04/29/26 10:34

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 07:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 07:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 10:39	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 10:39	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	139488	04/30/26 13:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139525	05/01/26 01:15	SMC	EET MID

Client Sample ID: CS-34 (0.5)

Lab Sample ID: 890-9862-34

Date Collected: 04/29/26 10:36

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 07:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 07:31	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-34 (0.5)

Lab Sample ID: 890-9862-34

Date Collected: 04/29/26 10:36

Matrix: Solid

Date Received: 04/29/26 15:30

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			139989	05/06/26 10:59	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 10:59	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	139488	04/30/26 13:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139525	05/01/26 07:51	SMC	EET MID

Client Sample ID: CS-35 (0.5)

Lab Sample ID: 890-9862-35

Date Collected: 04/29/26 10:38

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 07:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 07:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 11:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 11:19	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	139489	04/30/26 13:11	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139523	04/30/26 20:49	SMC	EET MID

Client Sample ID: CS-36 (0.5)

Lab Sample ID: 890-9862-36

Date Collected: 04/29/26 10:40

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 08:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 08:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 11:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 11:39	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	139489	04/30/26 13:11	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139523	04/30/26 21:04	SMC	EET MID

Client Sample ID: CS-37 (0.5)

Lab Sample ID: 890-9862-37

Date Collected: 04/29/26 10:42

Matrix: Solid

Date Received: 04/29/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 08:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 08:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 11:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 11:59	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-37 (0.5)

Lab Sample ID: 890-9862-37

Date Collected: 04/29/26 10:42

Matrix: Solid

Date Received: 04/29/26 15:30

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	139489	04/30/26 13:11	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139523	04/30/26 21:09	SMC	EET MID

Client Sample ID: CS-38 (0.5)

Lab Sample ID: 890-9862-38

Date Collected: 04/29/26 10:44

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 08:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 08:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 12:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	139477	04/30/26 11:22	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139984	05/06/26 12:19	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139489	04/30/26 13:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139523	04/30/26 21:14	SMC	EET MID

Client Sample ID: CS-39 (0.5)

Lab Sample ID: 890-9862-39

Date Collected: 04/29/26 10:46

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 09:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 09:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/05/26 23:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139482	04/30/26 11:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139902	05/05/26 23:49	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139489	04/30/26 13:11	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139523	04/30/26 21:19	SMC	EET MID

Client Sample ID: CS-40 (0.5)

Lab Sample ID: 890-9862-40

Date Collected: 04/29/26 10:48

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139836	05/04/26 15:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/07/26 09:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 09:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 00:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139482	04/30/26 11:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139902	05/06/26 00:32	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	139489	04/30/26 13:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139523	04/30/26 21:34	SMC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-41 (0.5)

Lab Sample ID: 890-9862-41

Date Collected: 04/29/26 10:50

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139840	05/04/26 15:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140065	05/07/26 02:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 02:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 00:47	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	139482	04/30/26 11:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139902	05/06/26 00:47	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139489	04/30/26 13:11	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139523	05/01/26 15:24	SMC	EET MID

Client Sample ID: CS-42 (0.5)

Lab Sample ID: 890-9862-42

Date Collected: 04/29/26 10:52

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139840	05/04/26 15:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140065	05/07/26 03:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 03:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 01:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139482	04/30/26 11:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139902	05/06/26 01:01	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139489	04/30/26 13:11	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139523	04/30/26 21:44	SMC	EET MID

Client Sample ID: CS-43 (0.5)

Lab Sample ID: 890-9862-43

Date Collected: 04/29/26 10:54

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139840	05/04/26 15:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140065	05/07/26 03:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 03:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 01:15	SA	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10.00 mL	139482	04/30/26 11:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139902	05/06/26 01:15	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	139489	04/30/26 13:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139523	04/30/26 21:48	SMC	EET MID

Client Sample ID: CS-44 (0.5)

Lab Sample ID: 890-9862-44

Date Collected: 04/29/26 10:56

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139840	05/04/26 15:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140065	05/07/26 03:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 03:56	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-44 (0.5)

Lab Sample ID: 890-9862-44

Date Collected: 04/29/26 10:56

Matrix: Solid

Date Received: 04/29/26 15:30

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			139989	05/06/26 01:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	139482	04/30/26 11:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139902	05/06/26 01:30	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	139489	04/30/26 13:11	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139523	04/30/26 21:53	SMC	EET MID

Client Sample ID: CS-45 (0.5)

Lab Sample ID: 890-9862-45

Date Collected: 04/29/26 10:58

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139840	05/04/26 15:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140065	05/07/26 04:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 04:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 01:45	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139482	04/30/26 11:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139902	05/06/26 01:45	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139489	04/30/26 13:11	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139523	04/30/26 21:58	SMC	EET MID

Client Sample ID: CS-46 (0.5)

Lab Sample ID: 890-9862-46

Date Collected: 04/29/26 11:00

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139840	05/04/26 15:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140065	05/07/26 04:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 04:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 01:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139482	04/30/26 11:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139902	05/06/26 01:59	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139489	04/30/26 13:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139523	04/30/26 22:13	SMC	EET MID

Client Sample ID: CS-47 (0.5)

Lab Sample ID: 890-9862-47

Date Collected: 04/29/26 11:02

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139840	05/04/26 15:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140065	05/07/26 04:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 04:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 02:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	139482	04/30/26 11:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139902	05/06/26 02:14	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Client Sample ID: CS-47 (0.5)

Lab Sample ID: 890-9862-47

Date Collected: 04/29/26 11:02

Matrix: Solid

Date Received: 04/29/26 15:30

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	139489	04/30/26 13:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139523	04/30/26 22:18	SMC	EET MID

Client Sample ID: CS-48 (0.5)

Lab Sample ID: 890-9862-48

Date Collected: 04/29/26 11:04

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139840	05/04/26 15:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140065	05/07/26 05:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 05:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 02:28	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	139482	04/30/26 11:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139902	05/06/26 02:28	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	139489	04/30/26 13:11	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139523	04/30/26 22:33	SMC	EET MID

Client Sample ID: CS-49 (0.5)

Lab Sample ID: 890-9862-49

Date Collected: 04/29/26 11:06

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139840	05/04/26 15:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140065	05/07/26 05:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 05:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 02:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	139482	04/30/26 11:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139902	05/06/26 02:56	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139489	04/30/26 13:11	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139523	04/30/26 22:38	SMC	EET MID

Client Sample ID: CS-50 (0.5)

Lab Sample ID: 890-9862-50

Date Collected: 04/29/26 11:08

Matrix: Solid

Date Received: 04/29/26 15:30

Prep 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	139840	05/04/26 15:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140065	05/07/26 06:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140167	05/07/26 06:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			139989	05/06/26 03:10	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139482	04/30/26 11:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139902	05/06/26 03:10	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139489	04/30/26 13:11	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139523	04/30/26 22:43	SMC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
SDG: Lea County New Mexico

Laboratory References:

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

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

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

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

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: Carmona Resources
 Project/Site: Lea South Tank Battery

Job ID: 890-9862-1
 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 South Tank Battery

Job ID: 890-9862-1
 SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9862-1	CS-1 (0.5)	Solid	04/29/26 09:30	04/29/26 15:30	Texas
890-9862-2	CS-2 (0.5)	Solid	04/29/26 09:32	04/29/26 15:30	Texas
890-9862-3	CS-3 (0.5)	Solid	04/29/26 09:34	04/29/26 15:30	Texas
890-9862-4	CS-4 (0.5)	Solid	04/29/26 09:36	04/29/26 15:30	Texas
890-9862-5	CS-5 (0.5)	Solid	04/29/26 09:38	04/29/26 15:30	Texas
890-9862-6	CS-6 (0.5)	Solid	04/29/26 09:40	04/29/26 15:30	Texas
890-9862-7	CS-7 (0.5)	Solid	04/29/26 09:42	04/29/26 15:30	Texas
890-9862-8	CS-8 (0.5)	Solid	04/29/26 09:44	04/29/26 15:30	Texas
890-9862-9	CS-9 (0.5)	Solid	04/29/26 09:46	04/29/26 15:30	Texas
890-9862-10	CS-10 (0.5)	Solid	04/29/26 09:48	04/29/26 15:30	Texas
890-9862-11	CS-11 (0.5)	Solid	04/29/26 09:50	04/29/26 15:30	Texas
890-9862-12	CS-12 (0.5)	Solid	04/29/26 09:52	04/29/26 15:30	Texas
890-9862-13	CS-13 (0.5)	Solid	04/29/26 09:54	04/29/26 15:30	Texas
890-9862-14	CS-14 (0.5)	Solid	04/29/26 09:56	04/29/26 15:30	Texas
890-9862-15	CS-15 (0.5)	Solid	04/29/26 09:58	04/29/26 15:30	Texas
890-9862-16	CS-16 (0.5)	Solid	04/29/26 10:00	04/29/26 15:30	Texas
890-9862-17	CS-17 (0.5)	Solid	04/29/26 10:02	04/29/26 15:30	Texas
890-9862-18	CS-18 (0.5)	Solid	04/29/26 10:04	04/29/26 15:30	Texas
890-9862-19	CS-19 (0.5)	Solid	04/29/26 10:06	04/29/26 15:30	Texas
890-9862-20	CS-20 (0.5)	Solid	04/29/26 10:08	04/29/26 15:30	Texas
890-9862-21	CS-21 (0.5)	Solid	04/29/26 10:10	04/29/26 15:30	Texas
890-9862-22	CS-22 (0.5)	Solid	04/29/26 10:12	04/29/26 15:30	Texas
890-9862-23	CS-23 (0.5)	Solid	04/29/26 10:14	04/29/26 15:30	Texas
890-9862-24	CS-24 (0.5)	Solid	04/29/26 10:16	04/29/26 15:30	Texas
890-9862-25	CS-25 (0.5)	Solid	04/29/26 10:18	04/29/26 15:30	Texas
890-9862-26	CS-26 (0.5)	Solid	04/29/26 10:20	04/29/26 15:30	Texas
890-9862-27	CS-27 (0.5)	Solid	04/29/26 10:22	04/29/26 15:30	Texas
890-9862-28	CS-28 (0.5)	Solid	04/29/26 10:24	04/29/26 15:30	Texas
890-9862-29	CS-29 (0.5)	Solid	04/29/26 10:26	04/29/26 15:30	Texas
890-9862-30	CS-30 (0.5)	Solid	04/29/26 10:28	04/29/26 15:30	Texas
890-9862-31	CS-31 (0.5)	Solid	04/29/26 10:30	04/29/26 15:30	Texas
890-9862-32	CS-32 (0.5)	Solid	04/29/26 10:32	04/29/26 15:30	Texas
890-9862-33	CS-33 (0.5)	Solid	04/29/26 10:34	04/29/26 15:30	Texas
890-9862-34	CS-34 (0.5)	Solid	04/29/26 10:36	04/29/26 15:30	Texas
890-9862-35	CS-35 (0.5)	Solid	04/29/26 10:38	04/29/26 15:30	Texas
890-9862-36	CS-36 (0.5)	Solid	04/29/26 10:40	04/29/26 15:30	Texas
890-9862-37	CS-37 (0.5)	Solid	04/29/26 10:42	04/29/26 15:30	Texas
890-9862-38	CS-38 (0.5)	Solid	04/29/26 10:44	04/29/26 15:30	Texas
890-9862-39	CS-39 (0.5)	Solid	04/29/26 10:46	04/29/26 15:30	Texas
890-9862-40	CS-40 (0.5)	Solid	04/29/26 10:48	04/29/26 15:30	Texas
890-9862-41	CS-41 (0.5)	Solid	04/29/26 10:50	04/29/26 15:30	Texas
890-9862-42	CS-42 (0.5)	Solid	04/29/26 10:52	04/29/26 15:30	Texas
890-9862-43	CS-43 (0.5)	Solid	04/29/26 10:54	04/29/26 15:30	Texas
890-9862-44	CS-44 (0.5)	Solid	04/29/26 10:56	04/29/26 15:30	Texas
890-9862-45	CS-45 (0.5)	Solid	04/29/26 10:58	04/29/26 15:30	Texas
890-9862-46	CS-46 (0.5)	Solid	04/29/26 11:00	04/29/26 15:30	Texas
890-9862-47	CS-47 (0.5)	Solid	04/29/26 11:02	04/29/26 15:30	Texas
890-9862-48	CS-48 (0.5)	Solid	04/29/26 11:04	04/29/26 15:30	Texas
890-9862-49	CS-49 (0.5)	Solid	04/29/26 11:06	04/29/26 15:30	Texas
890-9862-50	CS-50 (0.5)	Solid	04/29/26 11:08	04/29/26 15:30	Texas

Eurofins Carlsbad

Chain of Custody



890-9862 Chain of Custody

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

Work Order Comments
 Program: UST/PST PRP Brownfields RC Jperfund
 State of Project: Reporting: Level II Level III PST/UST RRP Level IV
 Deliverables: EDD ADaPT Other:

Project Name: Lea South Tank Battery (12.07.2020)
Project Number: 3215
Project Location: Lea County, New Mexico
Sampler's Name: GMM
PO #:

Turn Around
 Routine Rush
Due Date: Standard

Temp Blank: Yes No
Temp Blank: Yes No
Thermometer ID: Tamed2
Correction Factor: -0.2
Temperature Reading: 1.6
Corrected Temperature: 1.4

Wet Ice: Yes No

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST		Preservative Codes
							Pres. Code	Parameters	
CS-1 (0.5')	4/29/2026	9:30	X		C	1	BTEX 8021B	TPH 8015M (GR0 + DR0 + MRO)	None: NO Cool: Cool HCL: HC H2SO4: H2 H3PO4: HP NaHSO4: NABIS Na2S2O3: NaSO3 Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
CS-2 (0.5')	4/29/2026	9:32	X		C	1	Chloride 300.0		DI Water: H2O MeOH: Me HNO3: HN NaOH: Na
CS-3 (0.5')	4/29/2026	9:34	X		C	1			
CS-4 (0.5')	4/29/2026	9:36	X		C	1			
CS-5 (0.5')	4/29/2026	9:38	X		C	1			
CS-6 (0.5')	4/29/2026	9:40	X		C	1			
CS-7 (0.5')	4/29/2026	9:42	X		C	1			
CS-8 (0.5')	4/29/2026	9:44	X		C	1			
CS-9 (0.5')	4/29/2026	9:46	X		C	1			
CS-10 (0.5')	4/29/2026	9:48	X		C	1			

Comments:

Relinquished by: (Signature) *Cole M* Date/Time 4-29-26

Received by: (Signature) *Burns* Date/Time 4/29



Chain of Custody

Work Order No: _____

Page 2 of 5

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

Project Name: Lea South Tank Battery (12.07.2020)
Project Number: 3215
Project Location: Lea County, New Mexico
Sampler's Name: CMM
PO #:

Turn Around
 Routine Rush
Due Date:
Temp Blank: Yes No
Received Intact: Yes No
Cooler Custody Seals: Yes No
Sample Custody Seals: Yes No
Total Containers:

Wet Ice: Yes No
Thermometer ID: *Therme2*
Correction Factor: *-0.2*
Temperature Reading: *1.6*
Corrected Temperature: *1.4*

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST		Preservative Codes
							Pres. Code	Sample Comments	
CS-11 (0.5)	4/29/2026	9:50	X		C	1	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	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
CS-12 (0.5)	4/29/2026	9:52	X		C	1		Chloride 300.0	DI Water: H ₂ O MeOH: Me HNO ₃ : HN NaOH: Na
CS-13 (0.5)	4/29/2026	9:54	X		C	1			
CS-14 (0.5)	4/29/2026	9:56	X		C	1			
CS-15 (0.5)	4/29/2026	9:58	X		C	1			
CS-16 (0.5)	4/29/2026	10:00	X		C	1			
CS-17 (0.5)	4/29/2026	10:02	X		C	1			
CS-18 (0.5)	4/29/2026	10:04	X		C	1			
CS-19 (0.5)	4/29/2026	10:06	X		C	1			
CS-20 (0.5)	4/29/2026	10:08	X		C	1			

Work Order Comments
 Program: PST PRP Brownfields IRC Superfund
 State of Project: Level II Level III PST/UST RRP Level IV
 Reporting: Level II Level III ADAPT Other: _____
 Deliverables: EDD ADAPT Other: _____

Comments:

Relinquished by: (Signature) *Paul M* Date/Time *4-29-26*
 Received by: (Signature) *Burd* Date/Time *4/29*



Chain of Custody

Work Order No: _____

Page 4 of 5

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

Project Name: Lea South Tank Battery (12.07.2020)
Project Number: 3215
Project Location: Lea County, New Mexico
Sampler's Name: CMM
PO #:

Turn Around
 Routine Rush
Due Date: Standard

Work Order Comments
 Program: UST/PST PRP Brownfields RC perfund
 State of Project: Level II Level III JUST RRP Level IV
 Deliverables: EDD ADaPT Other:

SAMPLE RECEIPT
 Received Intact: Yes No Temp Blank: Yes No Wet Ice: Yes No
 Cooler Custody Seals: Yes No Thermometer ID: *10000*
 Sample Custody Seals: Yes No Correction Factor: *-0.2*
 Total Containers: *1.4*
 Corrected Temperature: *1.4*

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST		Preservative Codes
							Pres. Code	Sample Comments	
CS-31 (0.5')	4/29/2026	10:30	X		C	1	BTEX 8021B	X	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
CS-32 (0.5')	4/29/2026	10:32	X		C	1	TPH 8015M (GRO + DRO + MRO)	X	Hold
CS-33 (0.5')	4/29/2026	10:34	X		C	1		X	
CS-34 (0.5')	4/29/2026	10:36	X		C	1		X	
CS-35 (0.5')	4/29/2026	10:38	X		C	1		X	
CS-36 (0.5')	4/29/2026	10:40	X		C	1		X	
CS-37 (0.5')	4/29/2026	10:42	X		C	1		X	
CS-38 (0.5')	4/29/2026	10:44	X		C	1		X	
CS-39 (0.5')	4/29/2026	10:46	X		C	1		X	
CS-40 (0.5')	4/29/2026	10:48	X		C	1		X	

Comments:

Relinquished by: (Signature) *Cole M* Date/Time *4-29-26*
 Received by: (Signature) *[Signature]* Date/Time *4/29*



Chain of Custody

Work Order No: _____

Page 5 of 5

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luiig
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.luiig@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>	
State of Project:	
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:	

Project Name:		Lea South Tank Battery (12.07.2020)		Turn Around		Parameters		ANALYSIS REQUEST		Preservative Codes	
Project Number:	3215	Project Location	Lea County, New Mexico	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code		None:	NO	DI Water:	H ₂ O
Sampler's Name:	CMM	Due Date:		Standard		Water		Cool:	Cool	MeOH:	Me
PO #:		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Soil		HCL:	HC	HNO ₃ :	HN
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:		Temperature Reading:	1.6	Corrected Temperature:	1.4	H ₂ SO ₄ :	H ₂	NaOH:	Na
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Correction Factor:		Grab/Comp	C	# of Cont		H ₃ PO ₄ :	HP	Other:	
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Temperature Reading:		Date	4/29/2026	Time	10:50	NaHSO ₄ :	NABIS	Hold	
Total Containers:	1.4	Corrected Temperature:		Date	4/29/2026	Time	10:52	Na ₂ S ₂ O ₃ :	NaSO ₃		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	BTEX 8021B		
CS-41 (0.5)	4/29/2026	10:50	X		C	1	X	X	X		
CS-42 (0.5)	4/29/2026	10:52	X		C	1	X	X	X		
CS-43 (0.5)	4/29/2026	10:54	X		C	1	X	X	X		
CS-44 (0.5)	4/29/2026	10:56	X		C	1	X	X	X		
CS-45 (0.5)	4/29/2026	10:58	X		C	1	X	X	X		
CS-46 (0.5)	4/29/2026	11:00	X		C	1	X	X	X		
CS-47 (0.5)	4/29/2026	11:02	X		C	1	X	X	X		
CS-48 (0.5)	4/29/2026	11:04	X		C	1	X	X	X		
CS-49 (0.5)	4/29/2026	11:06	X		C	1	X	X	X		
CS-50 (0.5)	4/29/2026	11:08	X		C	1	X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time
Cathy M	4-29-26
Received by: (Signature)	Date/Time
S. Swain	4/29



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Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad, NM 88220
 Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



eurofins
 Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A
Client Contact: N/A	Lab Pk: Kramer, Jessica
Shipping/Receiving: N/A	E-Mail: Jessica.Kramer@eurofins.com
Company: Eurofins Environment Testing South Center	Accreditations Required (See note): NELAP - Texas
Address: 1211 W. Florida Ave.	Carrier Tracking No(s): N/A
City: Midland	State of Origin: Texas
State, Zip: TX, 79701	Page: 1 of 6
Phone: 432-704-5440(Tel)	Job #: 890-9882-1
Email: N/A	Preservation Codes:
Project Name: Lea south Tank Battery	
Site: N/A	

Date Requested: 5/5/2026	Analysis Requested
TAT Requested (days):	
PO #: N/A	
WO #: N/A	
Project #: 88001161	
SSOW#: N/A	
Field Filtered Sample (Yes or No)	
Perform MS/MSD (Yes or No)	
8021B/5035FP_CalcBTEX	
Total_BTEX_GCV	
8015MOD_Calc	
8015MOD_NM/8015NM_S_PrepFull TPH	
300_ORGFM_28D/DI_LEACHChloride	
Total Number of containers	
Special Instructions/Note:	

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=Oil, A=Air)	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers	Special Instructions/Note:
CS-1 (0.5) (890-9862-1)	4/29/26	09:30	G	Solid		X	X	1	
CS-2 (0.5) (890-9862-2)	4/29/26	09:32	G	Solid		X	X	1	
CS-3 (0.5) (890-9862-3)	4/29/26	09:34	G	Solid		X	X	1	
CS-4 (0.5) (890-9862-4)	4/29/26	09:36	G	Solid		X	X	1	
CS-5 (0.5) (890-9862-5)	4/29/26	09:38	G	Solid		X	X	1	
CS-6 (0.5) (890-9862-6)	4/29/26	09:40	G	Solid		X	X	1	
CS-7 (0.5) (890-9862-7)	4/29/26	09:42	G	Solid		X	X	1	
CS-8 (0.5) (890-9862-8)	4/29/26	09:44	G	Solid		X	X	1	
CS-9 (0.5) (890-9862-9)	4/29/26	09:46	G	Solid		X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Center, LLC places the ownership of method, analyze & accreditation compliance upon our subcontracted laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/assessments being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Center, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Center, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Center, LLC.

Possible Hazard Identification

Uncollected

Deliverable Requested: I, II, III, IV, Other (Specify) _____ Primary Deliverable Rank: 2

Special Instructions/QC Requirements: _____

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For _____ Months

Empty Kit Relinquished by: _____	Date: _____	Time: _____	Method of Shipment: _____
Relinquished by: <i>Burns</i>	Date/Time: 4/29/26 16:30	Received by: <i>SK</i>	Date/Time: 4/30/26 8:00
Relinquished by: _____	Date/Time: _____	Received by: _____	Date/Time: _____

Custody Seals Intact: _____ Custody Seal No.: _____

Δ Yes Δ No

Cooler Temperature(s) °C and Other Remarks: _____

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- 3
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- 6
- 7
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- 9
- 10
- 11
- 12
- 13
- 14

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad, NM 88220
 Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Client Information (Sub Contract Lab)	Sampler: N/A
Client Contact: Shipping/Receiving	Lab Pk: Kramer, Jessica
Company: Eurofins Environment Testing South Centre	E-Mail: Jessica.Kramer@eurofins.com
Address: 1211 W. Florida Ave.	Accreditations Required (See note): NEIAP - Texas
City: Midland	Carrier Tracking No(s): N/A
State, Zip: TX, 79701	State of Origin: Texas
Phone: 432-704-5440(Tel)	Page: Page 2 of 6
Email: N/A	Job #: 890-9862-1
Project Name: Lea south Tank Battery	Preservation Codes:
Site: N/A	
SSOW#: N/A	
Project #: 88001161	
Due Date Requested: 5/5/2026	
TAT Requested (days): N/A	
Analysis Requested:	

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wet, Sorb, Orsed, A&M)	Field Filtered Sample (Yes or No)				Perform MS/MSD (Yes or No)				Total Number of Containers	Special Instructions/Note:
					8021B/5035FP_Calc	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_s_PrepFull	300_ORGFM_28/DI_LEACH	Chloride				
CS-10 (0.5) (890-9862-10)	4/29/26	09:48	G	Solid	X	X	X	X	X	X	X	1		
CS-11 (0.5) (890-9862-11)	4/29/26	09:50	G	Solid	X	X	X	X	X	X	X	1		
CS-12 (0.5) (890-9862-12)	4/29/26	09:52	G	Solid	X	X	X	X	X	X	X	1		
CS-13 (0.5) (890-9862-13)	4/29/26	09:54	G	Solid	X	X	X	X	X	X	X	1		
CS-14 (0.5) (890-9862-14)	4/29/26	09:56	G	Solid	X	X	X	X	X	X	X	1		
CS-15 (0.5) (890-9862-15)	4/29/26	09:58	G	Solid	X	X	X	X	X	X	X	1		
CS-16 (0.5) (890-9862-16)	4/29/26	10:00	G	Solid	X	X	X	X	X	X	X	1		
CS-17 (0.5) (890-9862-17)	4/29/26	10:02	G	Solid	X	X	X	X	X	X	X	1		
CS-18 (0.5) (890-9862-18)	4/29/26	10:04	G	Solid	X	X	X	X	X	X	X	1		

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Centre, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/estimates/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Centre, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Centre, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Centre, LLC.

Possible Hazard Identification

Unconfirmed Deliverable Requested: I, II, III, IV, Other (Specify) _____ Primary Deliverable Rank: 2

Special Instructions/QC Requirements: _____

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month):

Return To Client Disposal By Lab Archive For _____ Months

Empty Kit Relinquished by: _____ Date: _____

Relinquished by: *Burns* Date/Time: *4/18/21 1630* Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Received by: *SA* Date/Time: *4-30-26* 820 Company: _____

Received by: _____ Date/Time: _____ Company: _____

Custody Seats Intact: Yes No

Custody Seal No.: _____

Cooler Temperature(s) °C and Other Remarks: _____

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Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Client Information (Sub Contract Lab)	Sampler: N/A
Client Contact: Shipping/Receiving	Lab P#: Kramer, Jessica
Company: Eurofins Environment Testing South Cent	E-Mail: Jessica.Kramer@et.eurofins.com
Address: 1211 W. Florida Ave.	Accreditations Required (See note): NELAP - Texas
City: Midland	Carrier Tracking No(s): N/A
State, Zip: TX, 79701	State of Origin: Texas
Phone: 432-704-5440(Tel)	Page: Page 3 of 6
Email: N/A	Job #: 890-9862-1
Project Name: Lea south Tank Battery	Preservation Codes:
Site: N/A	
PO #: N/A	
WC #: N/A	
Project #: 88001161	
SSOW#: N/A	
Due Date Requested: 5/5/2026	
TAT Requested (days): N/A	

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Soak, Over-sat, B-Tissue, A-M)	Analysis Requested					Total Number of containers	Special Instructions/Note:	
					Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc			8015MOD_NM/8015NM_S_PrepFull TPH
CS-19 (0.5) (890-9862-19)	4/29/26	10:06	G	Solid	X	X	X	X	X	X		
CS-20 (0.5) (890-9862-20)	4/29/26	10:06	G	Solid	X	X	X	X	X	X		
CS-21 (0.5) (890-9862-21)	4/29/26	10:10	G	Solid	X	X	X	X	X	X		
CS-22 (0.5) (890-9862-22)	4/29/26	10:12	G	Solid	X	X	X	X	X	X		
CS-23 (0.5) (890-9862-23)	4/29/26	10:14	G	Solid	X	X	X	X	X	X		
CS-24 (0.5) (890-9862-24)	4/29/26	10:16	G	Solid	X	X	X	X	X	X		
CS-25 (0.5) (890-9862-25)	4/29/26	10:18	G	Solid	X	X	X	X	X	X		
CS-26 (0.5) (890-9862-26)	4/29/26	10:20	G	Solid	X	X	X	X	X	X		
CS-27 (0.5) (890-9862-27)	4/29/26	10:22	G	Solid	X	X	X	X	X	X		

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other institutions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification

Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2

Special Instructions/QC Requirements: _____

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

Relinquished by: *Burns* Date/Time: 4/29 1630 Company: _____ Received by: *SK* Date/Time: 4/30/26 800 Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: _____ Company: _____

Custody Seats Intact: Yes No Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For _____ Months

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Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad, NM 88220
 Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Client Information (Sub Contract Lab)	Sampler: N/A
Client Contact: Shipping/Receiving	Lab PM: Kramer, Jessica
Company: Eurofins Environment Testing South Centre	E-Mail: Jessica.Kramer@eurofins.com
Address: 1211 W. Florida Ave.	Accreditations Required (See note): NELAP - Texas
City: Midland	Carrier Tracking No(s): N/A
State, Zip: TX, 79701	State of Origin: Texas
Phone: 432-704-5440(Te)	Page: Page 4 of 6
Email: N/A	Job #: 890-9862-1
Project Name: Lea south Tank Battery	Preservation Codes:
Site: N/A	
SSOW#: N/A	
Project #: 88001161	
Due Date Requested: 5/5/2026	
TAT Requested (days): N/A	
Analysis Requested:	

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wet, Solid, Swab, etc.)	Field Filtered Sample (Yes or No)					Perform MS/MSD (Yes or No)					Total Number of containers	Special Instructions/Note:
					8021B/5035FP_Calc	BTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep	Full TPH	300_ORGFM_28D/DI_LEACH	Chloride				
CS-28 (0.5) (890-9862-28)	4/29/26	10:24	Central	G	Solid	X	X	X	X	X	X	X	X	X	1	
CS-29 (0.5) (890-9862-29)	4/29/26	10:26	Central	G	Solid	X	X	X	X	X	X	X	X	X	1	
CS-30 (0.5) (890-9862-30)	4/29/26	10:28	Central	G	Solid	X	X	X	X	X	X	X	X	X	1	
CS-31 (0.5) (890-9862-31)	4/29/26	10:30	Central	G	Solid	X	X	X	X	X	X	X	X	X	1	
CS-32 (0.5) (890-9862-32)	4/29/26	10:32	Central	G	Solid	X	X	X	X	X	X	X	X	X	1	
CS-33 (0.5) (890-9862-33)	4/29/26	10:34	Central	G	Solid	X	X	X	X	X	X	X	X	X	1	
CS-34 (0.5) (890-9862-34)	4/29/26	10:36	Central	G	Solid	X	X	X	X	X	X	X	X	X	1	
CS-35 (0.5) (890-9862-35)	4/29/26	10:38	Central	G	Solid	X	X	X	X	X	X	X	X	X	1	
CS-36 (0.5) (890-9862-36)	4/29/26	10:40	Central	G	Solid	X	X	X	X	X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Centre, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/estimates/being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Centre, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Centre, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Centre, LLC.

Possible Hazard Identification

Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2

Special Instructions/QC Requirements: _____

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For _____ Months

Empty/Kill Relinquished by: _____ Date: _____

Relinquished by: *Swan* Date/Time: *4/29/26 16:50* Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seats Intact: Yes No Custody Seal No.: _____

Cooler Temperature(s) °C and Other Remarks: _____

Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)

Client Contact:
Shipping/Receiving

Sampler: N/A
Phone: N/A

Lab PM: Kramer, Jessica
E-Mail: Jessica.Kramer@eurofins.com

Carrier Tracking No(s): N/A
State of Origin: Texas

COC No: 890-6881-5
Page: 5 of 6

Company: Eurofins Environment Testing South Cent

Address: 1211 W. Florida Ave.

Due Date Requested: 5/5/2026

Analysis Requested

Job #: 890-9862-1
Preservation Codes:

City: Midland

TAT Requested (days): N/A

State, Zip: TX, 79701

Phone: 432-704-5440(Te)

PO #: N/A

Email: N/A

W/O #: N/A

Project Name: Lea south Tank Battery

Project #: 88001161

Site: N/A

SSOW#: N/A

Sample Identification - Client ID (Lab ID)

Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Weaver, Sorok, Overhead, BT=Tranex A=Al)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note:
CS-37 (0.5) (890-9862-37)	4/29/26	10:42	G	Solid	X	X	8021B/5035FP_CalcBTEx Total_BTEx_GCV 8015MOD_Calc 8015MOD_NM/8015NM_S_PrepFull TPH 300_ORGFM_28D/DI_LEACHChloride	1	
CS-38 (0.5) (890-9862-38)	4/29/26	10:44	G	Solid	X	X		1	
CS-39 (0.5) (890-9862-39)	4/29/26	10:46	G	Solid	X	X		1	
CS-40 (0.5) (890-9862-40)	4/29/26	10:48	G	Solid	X	X		1	
CS-41 (0.5) (890-9862-41)	4/29/26	10:50	G	Solid	X	X		1	
CS-42 (0.5) (890-9862-42)	4/29/26	10:52	G	Solid	X	X		1	
CS-43 (0.5) (890-9862-43)	4/29/26	10:54	G	Solid	X	X		1	
CS-44 (0.5) (890-9862-44)	4/29/26	10:56	G	Solid	X	X		1	
CS-45 (0.5) (890-9862-45)	4/29/26	10:58	G	Solid	X	X		1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification

Unconfirmed

Deliverable Requested: I, II, III, IV, Other (specify)

Primary Deliverable Rank: 2

Special Instructions/QC Requirements:

Empty Kit Relinquished by:

Date:

Time:

Method of Shipment:

Relinquished by: *[Signature]*

Date/Time: 4/29/26 16:50

Received by: *[Signature]*

Date/Time: 4/30/26 8:00

Custody Seals Intact: Yes No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

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Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad, NM 88220
 Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

 Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Jessica Kramer	Carrier Tracking No(s): N/A
Client Contact: N/A	Phone: N/A	E-Mail: Jessica.Kramer@eurofins.com	State of Origin: Texas
Shipping/Receiving: Eurofins Environment Testing South Cent	Company: Eurofins Environment Testing South Cent	Accreditations Required (See note): NELAP - Texas	Page: 6 of 6
Address: 1211 W. Florida Ave.	Due Date Requested: 5/5/2026	Analysis Requested	Job #: 890-9862-1
City: Midland	TAT Requested (days): N/A		Preservation Codes:
State Zip: TX, 79701	PO #: N/A		
Phone: 432-704-5440(Tel)	WC #: N/A		
Email: N/A	Project #: 88001161		
Project Name: Lea south Tank Battery	SSOW#: N/A		
Site: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wet, Solid, Over-sat, BT=Trace, A=Al)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers	Special Instructions/Note:
CS-46 (0.5) (890-9862-46)	4/29/26	11:00	G	Solid	X	X	1	
CS-47 (0.5) (890-9862-47)	4/29/26	11:02	G	Solid	X	X	1	
CS-48 (0.5) (890-9862-48)	4/29/26	11:04	G	Solid	X	X	1	
CS-49 (0.5) (890-9862-49)	4/29/26	11:06	G	Solid	X	X	1	
CS-50 (0.5) (890-9862-50)	4/29/26	11:08	G	Solid	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Cent, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/estimation being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Cent, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Cent, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Cent, LLC.

Possible Hazard Identification

Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2

Special Instructions/QC Requirements: _____

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

Relinquished by: *[Signature]* Date/Time: 4/29/26 16:30 Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seats Intact: Yes No Custody Seal No.: _____

Cooler Temperature(s) °C and Other Remarks: _____

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9862-1
SDG Number: Lea County New Mexico

Login Number: 9862

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	

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9862-1
SDG Number: Lea County New Mexico

Login Number: 9862

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 04/30/26 08:08 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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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 583946

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 583946
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2035647738
Incident Name	NAPP2035647738 LEA SOUTH TANK BATTERY @ 30-025-29381
Incident Type	Natural Gas Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-29381] LEA UNIT #013

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	LEA SOUTH TANK BATTERY
Date Release Discovered	12/07/2020
Surface Owner	Private

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Natural Gas Release
Did this release result in a fire or is the result of a fire	Yes
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	Yes
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Fire Treating Tower Crude Oil Released: 5 BBL Recovered: 0 BBL Lost: 5 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of 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	Cause: Equipment Failure Gasket [OBSOLETE] Natural Gas (Methane) Released: 250 MCF Recovered: 0 MCF Lost: 250 MCF.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Top of the gasket on heater treater blew out; the gas was ignited by the other on-site heater treaters.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 583946

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 583946
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this will be treated as 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: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire; (d) substantially damages property or the environment.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

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

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: 05/11/2026
----------------------------------------------------	--------------------------------------------------------------------------------------------------------

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 583946

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 583946
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 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

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<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)	5220
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	120
GRO+DRO (EPA SW-846 Method 8015M)	120
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	01/01/2021
On what date will (or did) the final sampling or liner inspection occur	04/29/2026
On what date will (or was) the remediation complete(d)	04/29/2026
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	9820
What is the estimated volume (in cubic yards) that will be remediated	0

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 583946

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 583946
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	Due to Coterra Energy acquiring this release in the spring of 2025 from Avant Operating, it was not documented where the contaminated soil was taken to. More than likely all soil went to Lea Land Disposal due to close proximity to the site.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 05/11/2026
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 583946

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 583946
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	No

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QUESTIONS, Page 6

Action 583946

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 583946
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	578758
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/29/2026
What was the (estimated) number of samples that were to be gathered	70
What was the sampling surface area in square feet	10000

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	9820
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Once all facility equipment has been removed, the entire well pad will be reclaimed per NMAC 19.15.29.13.

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

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

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 05/11/2026
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QUESTIONS, Page 7

Action 583946

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 583946
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 583946

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 583946
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2035647738 LEA SOUTH TANK BATTERY, thank you. This Remediation Closure Report is approved.	5/12/2026