



SITE INFORMATION

Closure Report
LOE East Pad; Zia Fed Com #706H (02.28.2022)
Incident ID: nAPP2206028617
Lea County, New Mexico
Unit P, Sec 24, T25S, R35E
32.10931°, -103.315017°

Diesel Fuel Release
Point of Release: Human Error
Release Date: 02.28.2022
Volume Released: 24 Barrels of Diesel Fuel
Volume Recovered: 19 Barrels of Diesel Fuel

CARMONA RESOURCES



Prepared for:
Coterra Energy Operating Co.
6001 Deauville Blvd.
Suite 300N
Midland, Texas 79706

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



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February 10, 2026

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

Re: **Closure Report**
LOE East Pad; Zia Fed Com #706H (02.28.2022)
Incident ID: nAPP2206028617
Coterra Energy Operating Co.
Site Location: Unit P, Sec 24, T25S, R35E
32.10931°, -103.315017°
Lea County, New Mexico

To whom it may concern:

At the request of Coterra Energy Operating Co. (Coterra, formerly known as Franklin Mountain Energy, LLC) Carmona Resources LLC, has prepared this letter to document confirmation sampling activities conducted at the LOE East Pad; Zia Fed Com #706H, located at 32.10931°, -103.315017° within Unit P, S24, T25S, R35E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on February 28, 2022, due to human error. An open-ended diesel hose was left running and overfilled the shaker tank. The incident resulted in the release of approximately twenty-four (24) barrels of diesel fuel, with nineteen (19) barrels of diesel fuel being recovered. The release area was approximately 32,623 square feet. The spill boundary is shown in Figure 3. The initial C-141 and Notice of Release forms are attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water source within a 0.50-mile radius of the location. The nearest Groundwater Determination Bore (GWDB) is located approximately 0.37 miles West of the site in S24, T25S, R35E (32.110026°, -103.321458°) and was drilled in 2025. The GWDB was drilled to 105 feet below ground surface (ft bgs) and did not have evidence of groundwater present after 72 hours. A copy of the associated 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 and remediating the site.

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



4.0 Confirmation Sampling Activities

On January 27, 2026, Carmona Resources personnel were onsite to oversee a surface scrape and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on January 20, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The entire area was scraped to depths ranging between 0-0.25'. A total of one hundred sixty-five (165) confirmation surface samples (CS-1 through CS-165) were collected every 200 square feet to ensure the proper removal of the contaminated soils. Composite confirmation sidewall samples were not collected due to the excavation being less than 1.0' in depth. Seven (7) horizontal samples (H-1 through H-7) were collected around the excavated area 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 1. The confirmation sample locations are shown in Figure 4.

Approximately 32,623 square feet of contamination were remediated, resulting in approximately three hundred five (305) cubic yards of material being excavated and transported off site for proper disposal. Due to the surface scrape being so shallow, the location was not backfilled with any material. Production managers onsite have determined that the caliche thickness remaining on the well pad is sufficient and do not pose any safety or stability risks for oil field operations. Once the wells on site have been plugged and abandoned, the entire well pad will be reclaimed per NMAC 19.15.29.13.

5.0 Conclusions

Based on the analytical data from the site assessment, 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

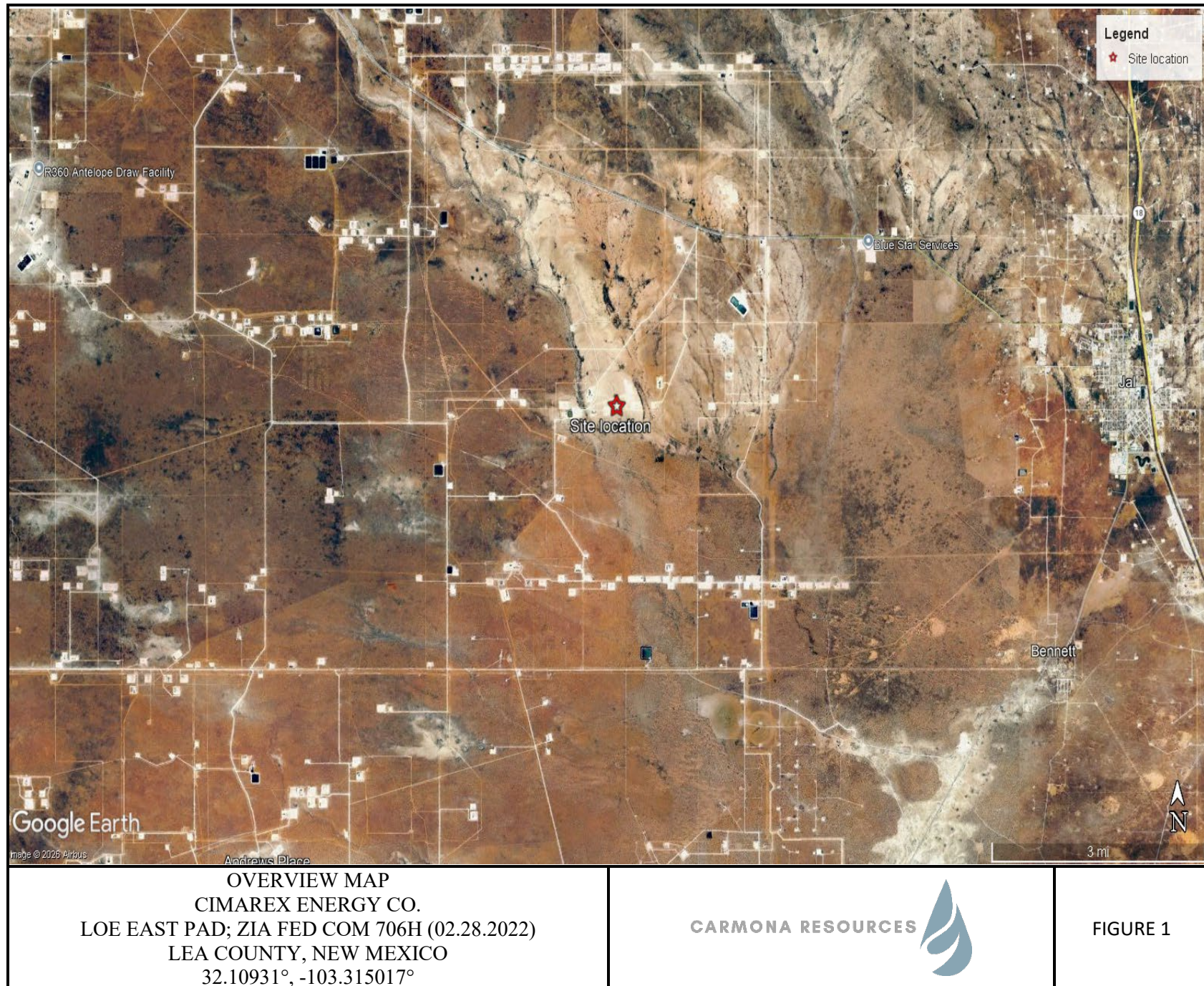
Ashton Thielke
Director of Operations

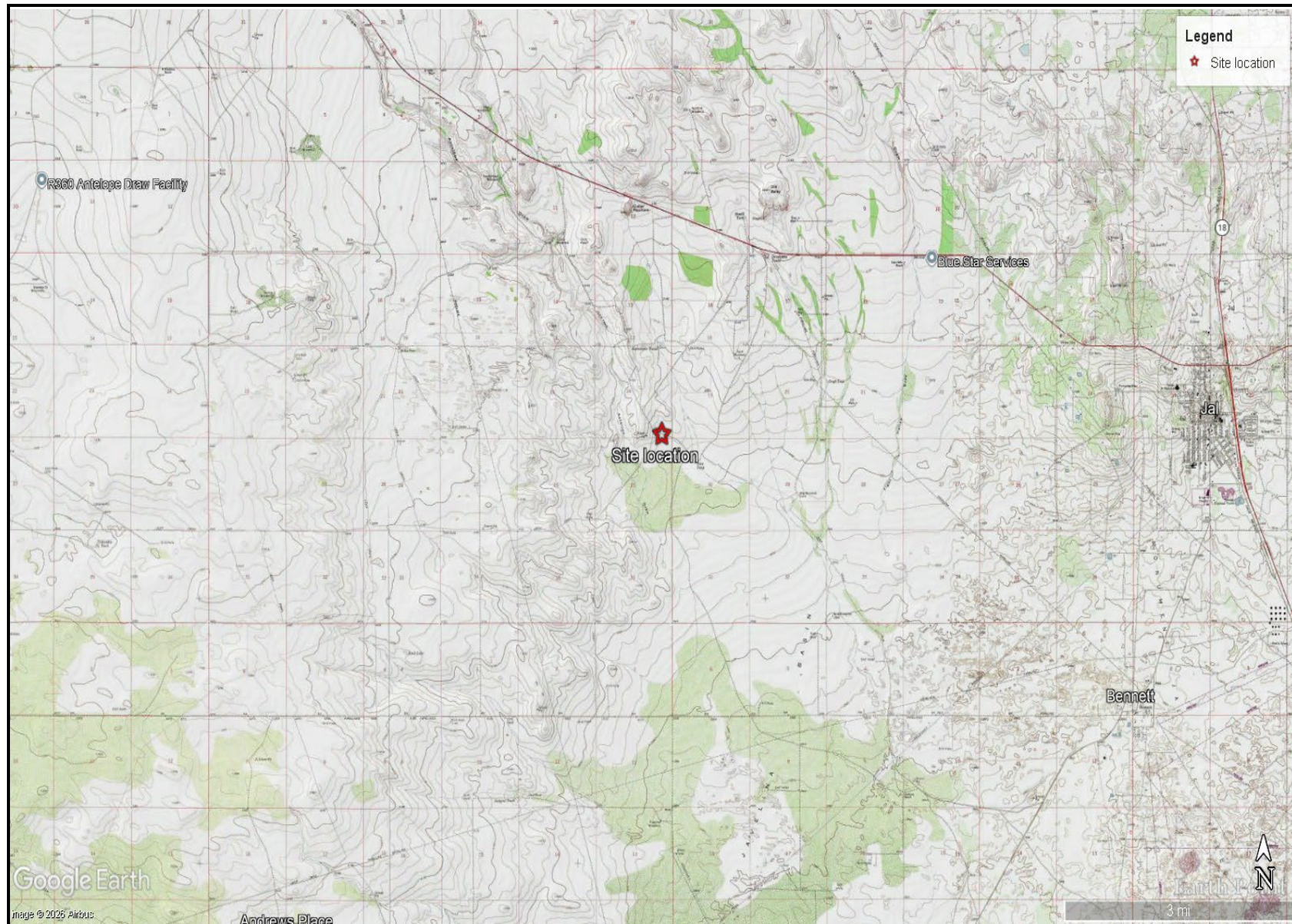
Stephen Reyes
Environmental Engineer

FIGURES

CARMONA RESOURCES





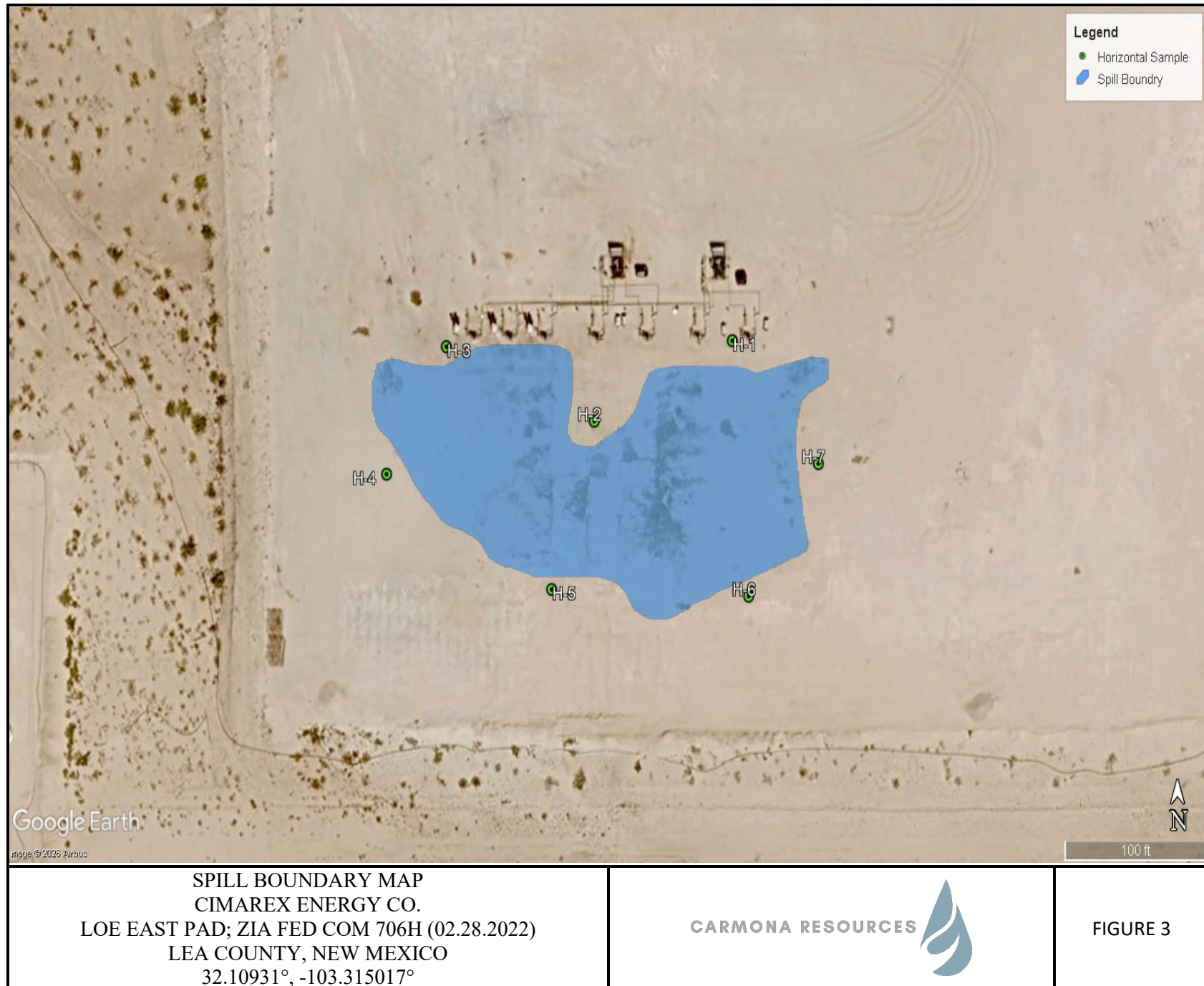


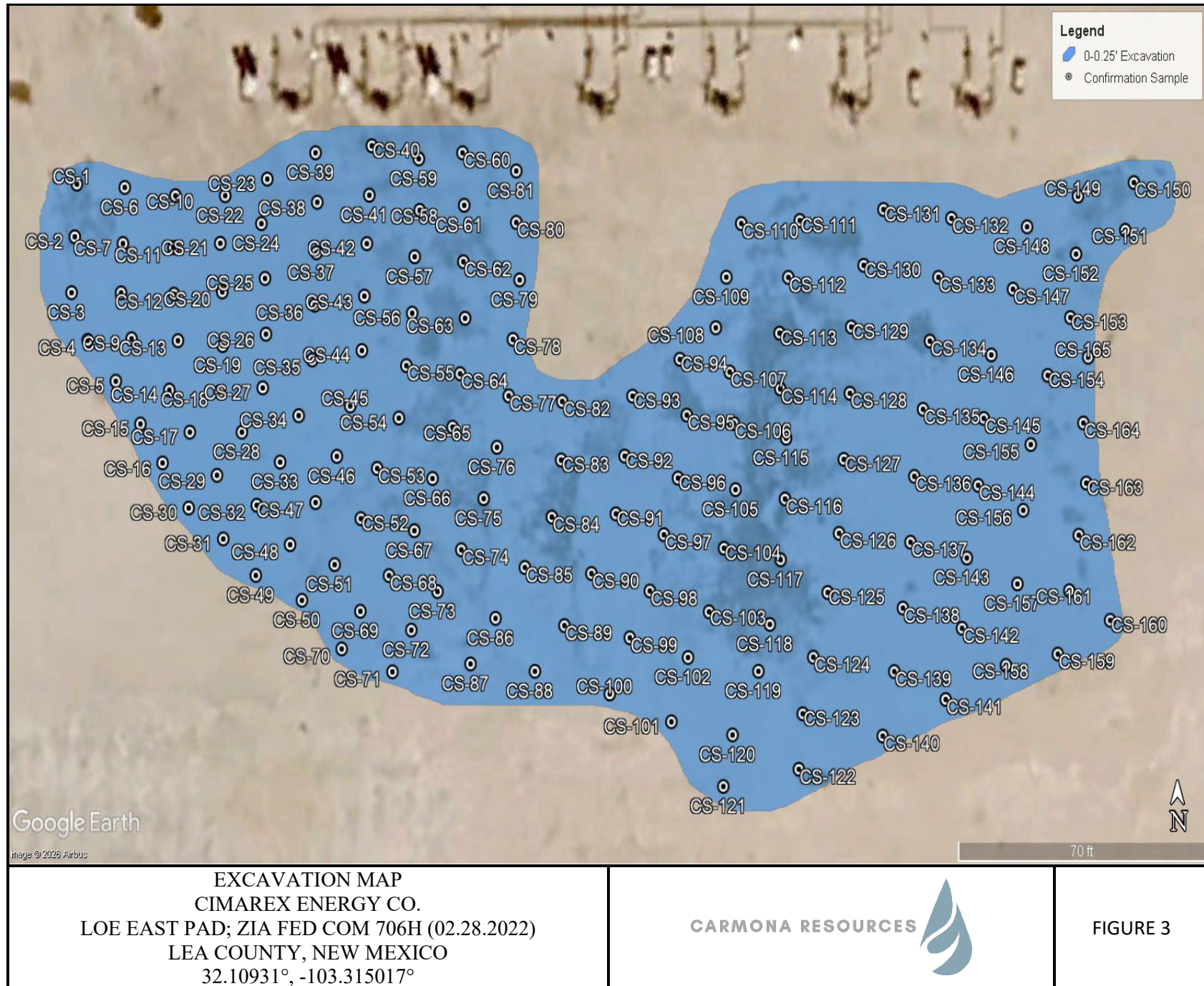
TOPOGRAPHIC MAP
 CIMAREX ENERGY CO.
 LOE EAST PAD; ZIA FED COM 706H (02.28.2022)
 LEA COUNTY, NEW MEXICO
 32.10931°, -103.315017°

CARMONA RESOURCES



FIGURE 2





APPENDIX A

CARMONA RESOURCES



Table 1
Coterra Energy Operating Co.
LOE East Pad; Zia Federal Com #706H (02.28.2022)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,580
CS-2	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,050
CS-3	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	840
CS-4	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,690
CS-5	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,190
CS-6	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	754
CS-7	1/27/2026	0-0.25'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,550
CS-8	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,400
CS-9	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	823
CS-11	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	655
CS-12	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	520
CS-13	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,200
CS-14	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	979
CS-15	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	614
CS-16	1/27/2026	0-0.25'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,080
CS-17	1/27/2026	0-0.25'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	737
CS-18	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	485
CS-19	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	910
CS-20	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	973
CS-21	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	526
CS-22	1/27/2026	0-0.25'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	943
CS-23	1/27/2026	0-0.25'	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	730
CS-24	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	609
CS-25	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	961
CS-26	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	835
CS-27	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	566
CS-28	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,090
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 1
Coterra Energy Operating Co.
LOE East Pad; Zia Federal Com #706H (02.28.2022)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-29	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	639
CS-30	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	555
CS-31	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	949
CS-32	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	744
CS-33	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	670
CS-34	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,120
CS-35	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	704
CS-36	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	782
CS-37	1/27/2026	0-0.25'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,140
CS-38	1/27/2026	0-0.25'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	726
CS-39	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	711
CS-40	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,080
CS-41	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	638
CS-42	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	831
CS-43	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,160
CS-44	1/27/2026	0-0.25'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	773
CS-45	1/27/2026	0-0.25'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	670
CS-46	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,190
CS-47	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	684
CS-48	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	660
CS-49	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,050
CS-50	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	625
CS-51	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	701
CS-52	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,290
CS-53	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	769
CS-54	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	626
CS-55	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,290
CS-56	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	681
CS-57	1/27/2026	0-0.25'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	762
CS-58	1/27/2026	0-0.25'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,240
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 1
Coterra Energy Operating Co.
LOE East Pad; Zia Federal Com #706H (02.28.2022)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-59	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	580
CS-60	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	708
CS-61	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	708
CS-62	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	520
CS-63	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,330
CS-64	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	751
CS-65	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	674
CS-66	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,150
CS-67	1/27/2026	0-0.25'	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	640
CS-68	1/27/2026	0-0.25'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	758
CS-69	1/27/2026	0-0.25'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	883
CS-70	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	649
CS-71	1/27/2026	0-0.25'	<50.0	50.7	<50.0	50.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,400
CS-72	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,540
CS-73	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	405
CS-74	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,640
CS-75	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,430
CS-76	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	414
CS-77	1/27/2026	0-0.25'	<50.1	52.3	<50.1	52.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,450
CS-78	1/27/2026	0-0.25'	<50.5	<50.5	<50.5	<50.5	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,410
CS-79	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	424
CS-80	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,610
CS-81	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,330
CS-82	1/27/2026	0-0.25'	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	419
CS-83	1/27/2026	0-0.25'	<50.4	172	122	294	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,500
CS-84	1/27/2026	0-0.25'	<49.9	74.7	56.1	131	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,430
CS-85	1/27/2026	0-0.25'	<50.0	50.9	<50.0	50.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,350
CS-86	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	423
CS-87	1/27/2026	0-0.25'	<49.9	60.2	<49.9	60.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,460
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 1
Coterra Energy Operating Co.
LOE East Pad; Zia Federal Com #706H (02.28.2022)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-88	1/27/2026	0-0.25'	<50.0	66.9	<50.0	66.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,360
CS-89	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	404
CS-90	1/27/2026	0-0.25'	<49.8	90.7	66.0	157	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,190
CS-91	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,020
CS-92	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	342
CS-93	1/27/2026	0-0.25'	<50.0	129	88.9	218	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	779
CS-94	1/27/2026	0-0.25'	<49.8	55.2	<49.8	55.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,170
CS-95	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	327
CS-96	1/27/2026	0-0.25'	<49.6	130	98.4	228	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,150
CS-97	1/27/2026	0-0.25'	<50.1	82.8	68.0	151	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,040
CS-98	1/27/2026	0-0.25'	<50.4	<50.4	<50.4	<50.4	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,000
CS-99	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	378
CS-100	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	972
CS-101	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	838
CS-102	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	335
CS-103	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,070
CS-104	1/27/2026	0-0.25'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,160
CS-105	1/27/2026	0-0.25'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	419
CS-106	1/27/2026	0-0.25'	<49.9	101	<49.9	101	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,200
CS-107	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,190
CS-108	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	345
CS-109	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	980
CS-110	1/27/2026	0-0.25'	<49.9	62.3	<49.9	62.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	886
CS-111	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	390
CS-112	1/27/2026	0-0.25'	<49.8	52.2	<49.8	52.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,040
CS-113	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	989
CS-114	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	569
CS-115	1/27/2026	0-0.25'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,100
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 1
Coterra Energy Operating Co.
LOE East Pad; Zia Federal Com #706H (02.28.2022)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-116	1/27/2026	0-0.25'	<50.2	233	99.6	333	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,160
CS-117	1/27/2026	0-0.25'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	467
CS-118	1/27/2026	0-0.25'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	922
CS-119	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	950
CS-120	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	390
CS-121	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,180
CS-122	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,010
CS-123	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	573
CS-124	1/27/2026	0-0.25'	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,120
CS-125	1/27/2026	0-0.25'	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,030
CS-126	1/27/2026	0-0.25'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,180
CS-127	1/27/2026	0-0.25'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	890
CS-128	1/27/2026	0-0.25'	<50.0	68.9	<50.0	68.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,150
CS-129	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	698
CS-130	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	89.9
CS-131	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	147
CS-132	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	79.9
CS-133	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,020
CS-134	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,000
CS-135	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	828
CS-136	1/27/2026	0-0.25'	<49.8	77.8	53.9	132	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,070
CS-137	1/27/2026	0-0.25'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	612
CS-138	1/27/2026	0-0.25'	<50.5	<50.5	<50.5	<50.5	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,020
CS-139	1/27/2026	0-0.25'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,180
CS-140	1/27/2026	0-0.25'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,130
CS-141	1/27/2026	0-0.25'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	449
CS-142	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	543
CS-143	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	562
CS-144	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	572
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 1
Coterra Energy Operating Co.
LOE East Pad; Zia Federal Com #706H (02.28.2022)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-145	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	580
CS-146	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	567
CS-147	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	731
CS-148	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	500
CS-149	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	598
CS-150	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	530
CS-151	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	684
CS-152	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	642
CS-153	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	506
CS-154	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	587
CS-155	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	568
CS-156	1/27/2026	0-0.25'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	601
CS-157	1/27/2026	0-0.25'	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	567
CS-158	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	614
CS-159	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	617
CS-160	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	597
CS-161	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	572
CS-162	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	580
CS-163	1/27/2026	0-0.25'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	645
CS-164	1/27/2026	0-0.25'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	613
CS-165	1/27/2026	0-0.25'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	661
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 1
Coterra Energy Operating Co.
LOE East Pad; Zia Federal Com #706H (02.28.2022)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	1/27/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	185
H-2	1/27/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	444
H-3	1/27/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	486
H-4	1/27/2026	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	235
H-5	1/27/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	195
H-6	1/27/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	295
H-7	1/27/2026	0-0.5'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	0.00232	<0.00402	<0.00402	228
Regulatory Criteria ^A						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

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG**Coterra Energy Operating Co.****Photograph No. 1****Facility:** LOE East Pad; Zia Federal Com
#706H (02.28.2022)**County:** Lea County, New Mexico**Description:**

View Northwest of remediation area.

**Photograph No. 2****Facility:** LOE East Pad; Zia Federal Com
#706H (02.28.2022)**County:** Lea County, New Mexico**Description:**

View West of remediation area.

**Photograph No. 6****Facility:** LOE East Pad; Zia Federal Com
#706H (02.28.2022)**County:** Lea County, New Mexico**Description:**

View North of remediation area.



APPENDIX C

CARMONA RESOURCES



District I

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

District II

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

District III

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

District IV

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

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

QUESTIONS

Action 84673

QUESTIONS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 84673
	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	LOE East Pad; ZIA FED COM 706H
Date Release Discovered	02/28/2022
Surface Owner	Private

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Human Error Other (Specify) Diesel Released: 24 BBL Recovered: 19 BBL Lost: 5 BBL]
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I

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

District II

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

District III

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

District IV

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

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

QUESTIONS, Page 2

Action 84673

QUESTIONS (continued)

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 84673
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by 19.15.29.7(A) NMAC	No, minor release.
Reasons why this would be considered a submission for a notification of a major release	
If YES, was immediate notice given to the OCD, by whom	<i>Not answered.</i>
If YES, was immediate notice given to the OCD, to whom	<i>Not answered.</i>
If YES, was immediate notice given to the OCD, when	<i>Not answered.</i>
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	<i>Not answered.</i>
<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 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

ACKNOWLEDGMENTS

Action 84673

ACKNOWLEDGMENTS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 84673
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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

CONDITIONS

Action 84673

CONDITIONS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 84673
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
roverbey	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	3/1/2022

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	NAPP2206028617
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Franklin Mountain Energy, LLC	OGRID: 373910
Contact Name: Craig Walters	Contact Telephone: 720-414-7868
Contact email: cwalters@fmellc.com	Incident # (assigned by OCD): nAPP2206028617
Contact mailing address: 44 Cook Street, Suite 1000, Denver, CO 80206	

Location of Release Source

Latitude 32.1093 Longitude -103.315017
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: LOE East Pad; ZIA FED COM 706H	Site Type: Well Pad
Date Release Discovered: February 28, 2022	API# 30-025-48583

Unit Letter	Section	Township	Range	County
P	24	25S	35E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: NGL South Ranch)

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☒ Other (describe)	Volume/Weight Released (provide units) 24BBL	Volume/Weight Recovered (provide units) 19BBL

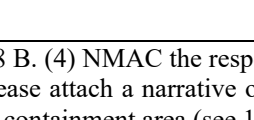
Cause of Release: Human error. Open ended diesel hose was left running and overfilled shaker tank.

Incident ID	NAPP2206028617
District RP	
Facility ID	
Application ID	

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

Initial Response

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

☒ The source of the release has been stopped. ☒ The impacted area has been secured to protect human health and the environment. ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. ☒ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Rachael Overbey</u>	Title: <u>Dir. Ops Planning & Regulatory</u>
Signature: 	Date: <u>3/8/2022</u>
email: <u>roverbey@finelc.com</u>	Telephone: <u>303-570-4057</u>
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>03/14/2022</u>

Date 2/28/22 8:45 AM

Location: LOE East pad, Zia Fed Com 706H

Incident: Diesel hose overfilled dryer shaker bin resulting in an estimated 24 bbl diesel spill.

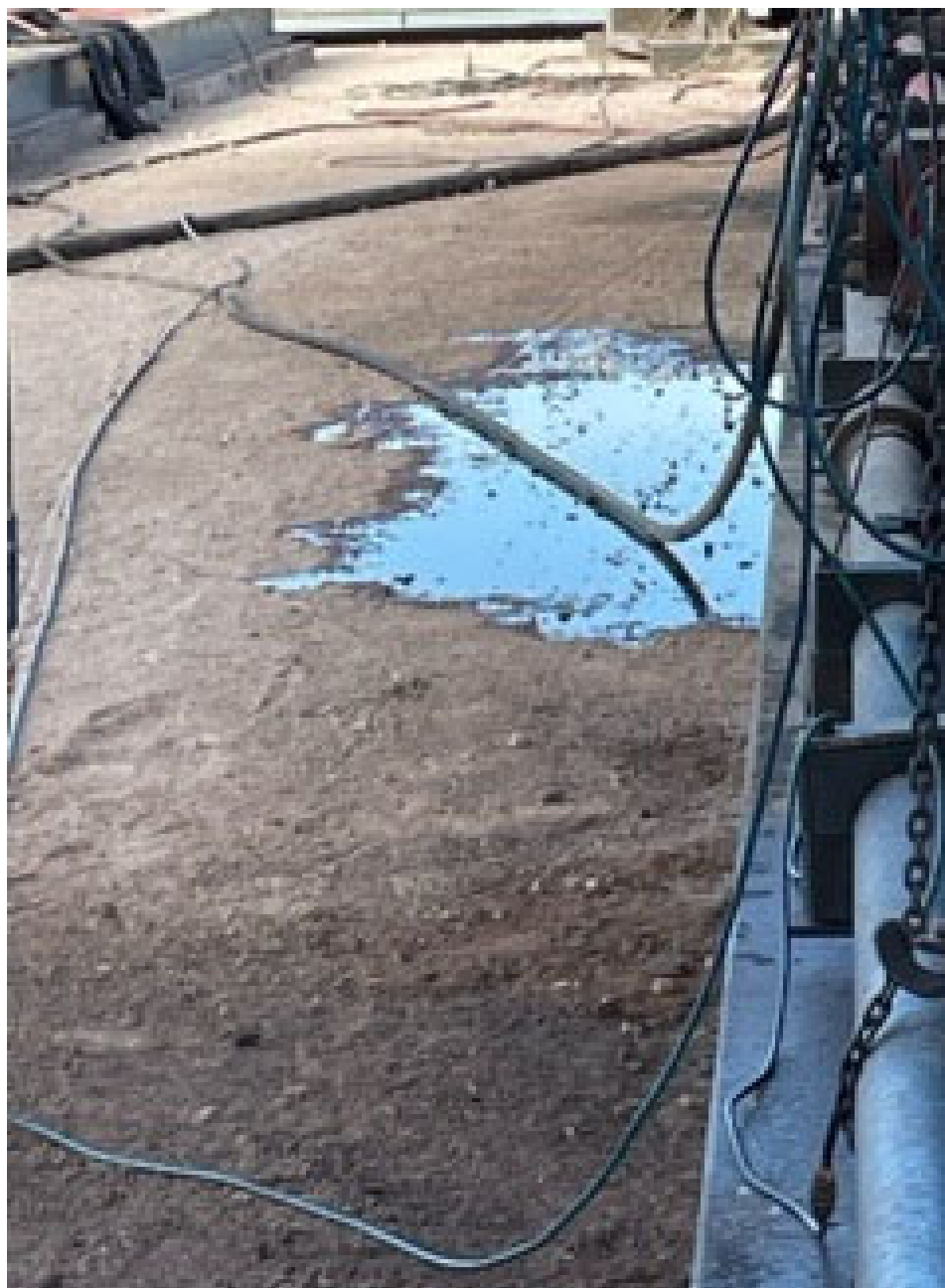
Description: H&P 518 had just finished up a safety meeting on running 5.5" production casing. After meeting I went down to the ground to explain and show motor hand what marker joints to pick up, as I was walking back up to rig floor, I noticed fluid coming out from under the water tank and immediately told derrick hand to go check his pits. As I witnessed float shoe being made up driller called me in doghouse and said derrickhand found a diesel hose running that had over filled the dryer shaker bin. I immediately went to shakers and noticed the fluid had made its way under the 3-sided tank to open tops and out past the gas buster. I then met with the solids control EE and asked him how this had happened at which he did not know. At 8:52 am I called drilling engineer Jason Townsend and let him know we had spill. I gathered up toolpusher and all available hands and set forth a plan to begin sucking up diesel to stop it from spreading any further and going into ground any deeper. Once plan to contain it was in place and I had an idea on the amount of the spill I contacted both the drilling engineer Jason & FME HSE Kent and let him know about the spill, Jason informed me he would call Clay.

Root Cause: Valve on an open-ended diesel hose was left on.

Remediation: Got rig vac and started sucking diesel off ground while other EE squeegeed diesel to vac. Once the suckable fluid was sucked up the contaminated dirt was scraped up and put in 3-sided cuttings bin. The remainder fluid and contaminated dirt under rig equipment will be remediated once drilling rig is off location. An estimated 19 bbls of the 24 bbls was recovered and put in the OBM active system.

NAPP2206028617



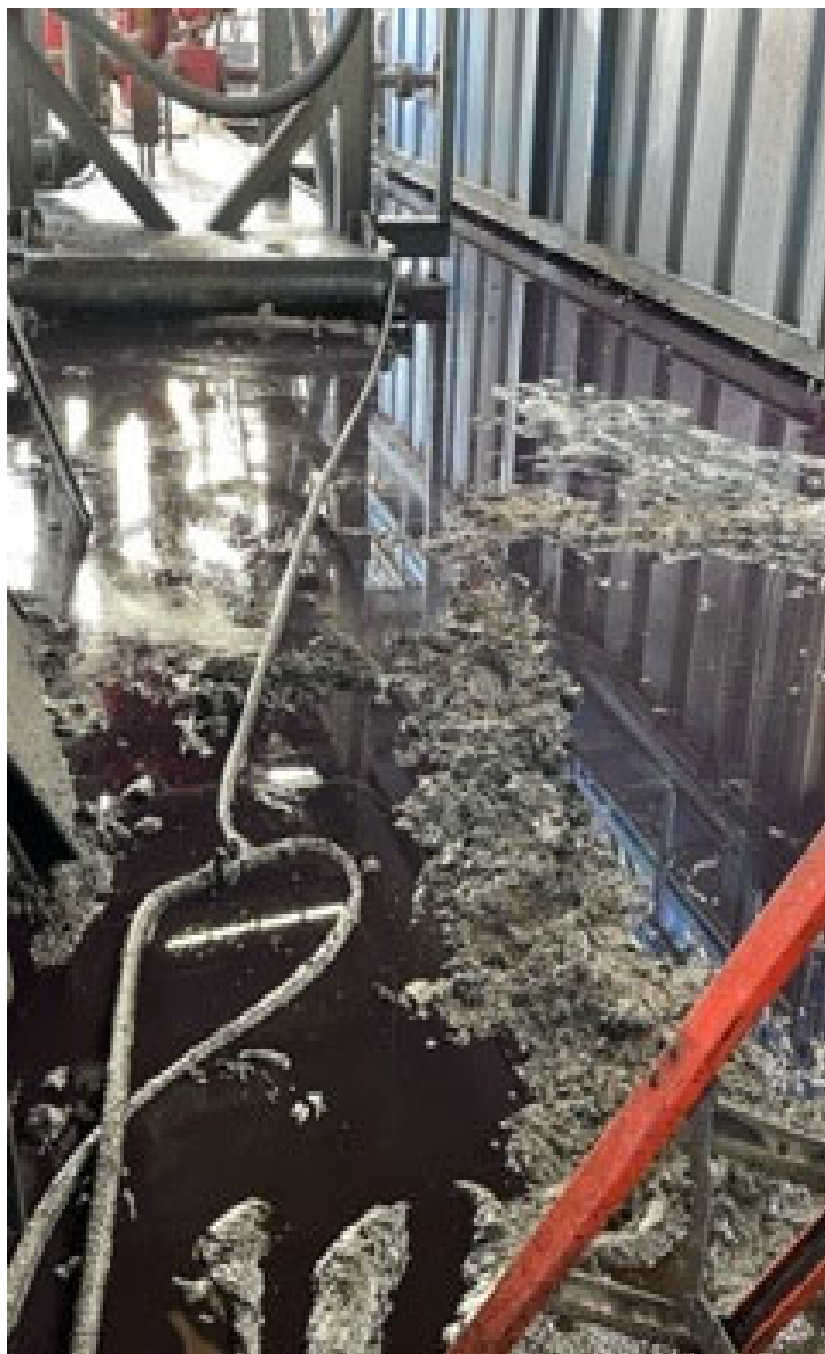




NAPP2206028617







Rachael Overbey

From: Jason Townsend
Sent: Friday, March 11, 2022 10:02 AM
To: Rachael Overbey
Cc: Vlad Roudakov
Subject: Volume Estimate - Zia Fed Com 706H Diesel Spill

Good morning Rachael,

The spill was noticed at 08:45 central time. At that time, there had been zero diesel usage from the mud diesel tank since the last report other than the unmanned 1" hose that was the cause of the spill. The sight glass on the mud diesel indicated that we were 54bbls lower in the tank than the previous reading from the night before. The tank that the hose was running into was a 30bbl tank. That leaves 24bbls unaccounted for and therefore on the ground. When we performed cleanup, we discharged our recovery fluid across the shakers. We gained 19bbls in pit volume from this discharge throughout the process. These numbers allowed us to estimate 5bbls remaining on the ground.

Regards,
Jason Townsend
Drilling Engineer
Franklin Mountain Energy
44 Cook Street, Suite 1000
Denver, CO 80206
Cell: 601.307.3138

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

CONDITIONS

Action 89476

CONDITIONS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 89476
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	3/14/2022

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 544631

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 544631
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2206028617
Incident Name	NAPP2206028617 LOE EAST PAD; ZIA FED COM 706H @ 30-025-48583
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Well	[30-025-48583] ZIA FEDERAL COM #706H

Location of Release Source	
Site Name	LOE EAST PAD; ZIA FED COM 706H
Date Release Discovered	02/28/2022
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	32,000
What is the estimated number of samples that will be gathered	170
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/27/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988
Please provide any information necessary for navigation to sampling site	32.10931,-103.315017 Will be onsite to collect surface confirmation samples from the release and subsequent surface scrape.

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 544631

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 544631
	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.	1/20/2026
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.	1/20/2026

APPENDIX D

CARMONA RESOURCES



Nearest water well

Coterra Energy Operating Co.
LOE EAST PAD; ZIA FED COM 706H (02.28.2022)
32.10931,-103.315017

Legend

- 0.37 Miles
- 0.50 Mile Radius
- Groundwater Determination Bore
- LOE EAST PAD; ZIA FED COM 706H (02.28.2022)

105' GWDB - Drilled 2025

LOE EAST PAD; ZIA FED COM 706H (02.28.2022)



Low Karst

Coterra Energy Operating Co.
LOE EAST PAD; ZIA FED COM 706H (02.28.2022)
32.10931,-103.315017

Legend

- LOE EAST PAD; ZIA FED COM 706H (02.28.2022)
- Low

LOE EAST PAD; ZIA FED COM 706H (02.28.2022)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	TwS	Range	X	Y	Map	Distance (meters)	Well Depth (In feet)	Depth Water (In feet)	Water Column
C 05017 POD1		CUB	LE	SW	SW	SE	24	25S	35E	658389.9	3553862.1		590	105		
CP 01170 POD5		CP	LE	NE	NE	NE	19	25S	36E	660686.9	3555164.2		2191	505	270	235
CP 01944 POD1		CP	LE	SE	SW	SW	20	25S	36E	661179.7	3553764.3		2203			
CP 01948 POD1		CP	LE	NE	SE	NW	20	25S	36E	661554.2	3555124.0		2901			
CP 00858 POD2		CP	LE	NW	NW	SE	29	25S	36E	661689.8	3552765.1		2902	600	282	318
CP 00858 POD1		CP	LE		NW	SE	29	25S	36E	661828.0	3552752.0		3036			
CP 01920 POD1		CP	LE	SE	SW	SE	31	25S	36E	660281.8	3550531.1		3514	101		
CP 01921 POD1		CP	LE	NW	SW	SW	21	25S	36E	662588.3	3554016.8		3619			
C 04861 POD1		CUB	LE	NW	NW	NE	27	25S	35E	655298.4	3553583.4		3683	105		
CP 01923 POD1		CP	LE	SE	NE	SE	17	25S	36E	662230.7	3555972.7		3916			

Average Depth to Water: 276 feet

Minimum Depth: 270 feet

Maximum Depth: 282 feet

Record Count: 10

UTM Filters (in meters):

Easting: 658976.00
Northing: 3553794.00
Radius: 4000

* UTM location was derived from PLSS - see Help

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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

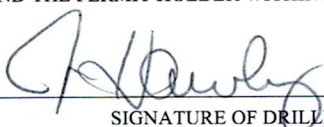
www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S). C-5017				
	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 06	SECONDS 36	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE S24 T25s 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 12-3-25	DRILLING ENDED 12-3-25	DEPTH OF COMPLETED WELL (FT) 105'		BORE HOLE DEPTH (FT) 105'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		DATE STATIC MEASURED 12-8-25		
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:								
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐		
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)		CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0' 105'		6'	No casing left in hole					
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)		AMOUNT (cubic feet)	METHOD OF PLACEMENT		
				N/A					

FOR OSE INTERNAL USE

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

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

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0'	5'	5'	Sand	Y ✓ N	
	5'	20'	15'	Caliche	Y ✓ N	
	20'	25'	5'	Sandy Sandstone	Y ✓ N	
	25'	30'	5'	Sandstone	Y ✓ N	
	30'	40'	10'	Sand	Y ✓ N	
	40'	45'	5'	Red Clay	Y ✓ N	
	45'	95'	50'	Sandstone	Y ✓ N	
	95'	100'	5'	Sand	Y ✓ N	
	100'	105'	5'	Sandy 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	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	
☐ PUMP ☐ AIR LIFT ☐ BAILER ☒ OTHER - SPECIFY: DTGW Bore						
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 12-8-25. 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.

POD NO.

TRN NO.

LOCATION

WELL TAG ID NO.

PAGE 2 OF 2



PLUGGING RECORD



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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-5017 - POD1

Well owner: Coterra Energy Co.

Phone No.: _____

Mailing address: 840 Gessner Rd. Ste. 1400

City: Houston State: TX Zip code: 77024-4152

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC.
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6-16-27
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Nathan Smelcer
- 4) Date well plugging began: 12-8-25 Date well plugging concluded: 12-8-25
- 5) GPS Well Location: Latitude: 32 deg, 06 min, 36 sec
Longitude: 103 deg, 19 min, 16.4 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 105' ft below ground level (bgl),
by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: N/A ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 9-29-25
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

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

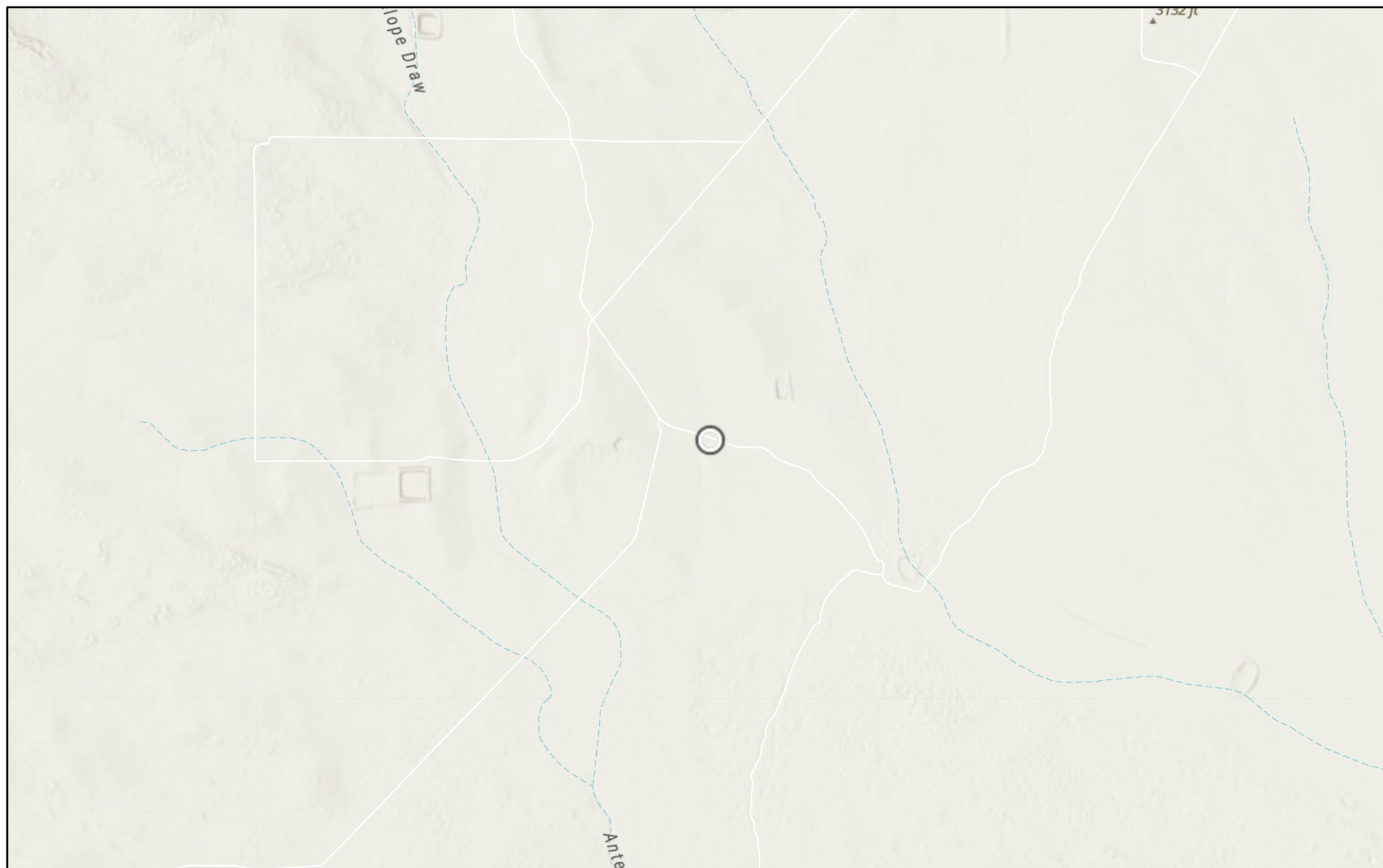
III. SIGNATURE:

Signature

Date _____

Version: September 8, 2009
Page 2 of 2

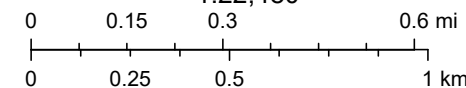
LOE EAST PAD; ZIA FED COM 706H (02.28.2022)



1/20/2026

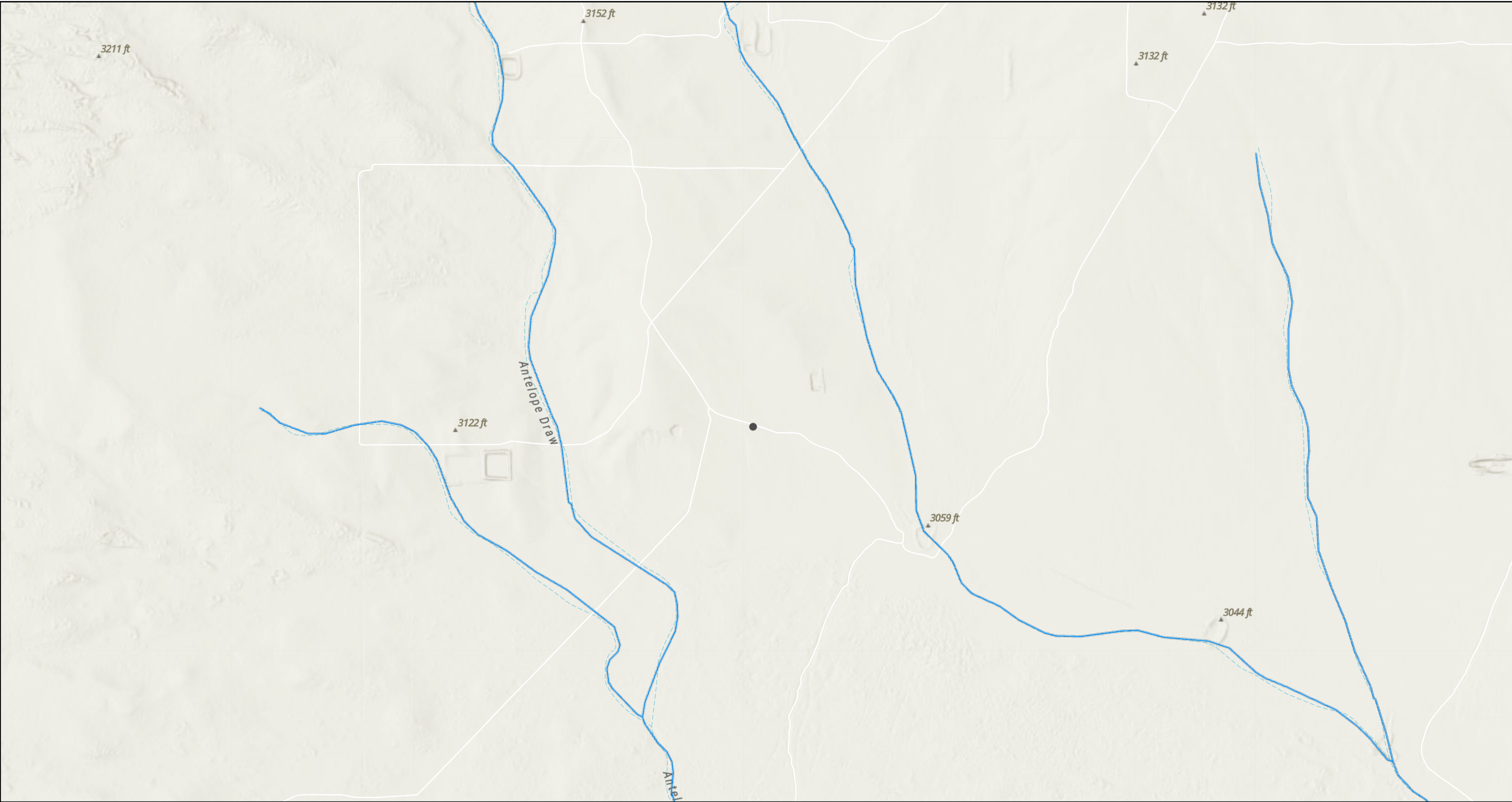
World_Hillshade

1:22,480



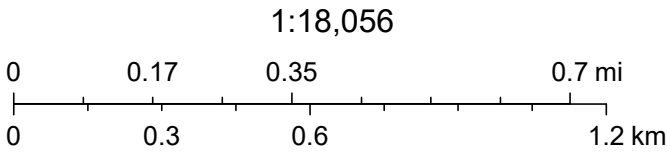
Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User

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1/20/2026, 1:33:33 PM

— OSE Streams



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



LOE EAST PAD; ZIA FED COM 706H (02.2



January 20, 2026

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701
Generated 2/3/2026 2:38:00 PM

JOB DESCRIPTION

LOE East Pad- Zia Federal Com 706H
3014

JOB NUMBER

880-67480-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
2/3/2026 2:38:00 PM

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

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Laboratory Job ID: 880-67480-1
SDG: 3014

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Definitions/Glossary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1

Job ID: 880-67480-1

Eurofins Midland

Job Narrative 880-67480-1

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 1/27/2026 5:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.8°C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-130283 and analytical batch 880-130612 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Diesel Range Organics

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

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

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

Lab Sample ID: 880-67480-1

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/26 13:15	02/03/26 10:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/26 13:15	02/03/26 10:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/26 13:15	02/03/26 10:46	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/26 13:15	02/03/26 10:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/26 13:15	02/03/26 10:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/26 13:15	02/03/26 10:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/29/26 13:15	02/03/26 10:46	1
1,4-Difluorobenzene (Surr)	113		70 - 130	01/29/26 13:15	02/03/26 10:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/26 10:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/26 16:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 09:31	01/31/26 16:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 09:31	01/31/26 16:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 09:31	01/31/26 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130	01/28/26 09:31	01/31/26 16:21	1
o-Terphenyl (Surr)	91		70 - 130	01/28/26 09:31	01/31/26 16:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	185		10.0		mg/Kg			01/29/26 16:18	1

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

Lab Sample ID: 880-67480-2

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/29/26 13:15	02/03/26 11:06	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/29/26 13:15	02/03/26 11:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/29/26 13:15	02/03/26 11:06	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		01/29/26 13:15	02/03/26 11:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/29/26 13:15	02/03/26 11:06	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/29/26 13:15	02/03/26 11:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	01/29/26 13:15	02/03/26 11:06	1
1,4-Difluorobenzene (Surr)	122		70 - 130	01/29/26 13:15	02/03/26 11:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

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

Lab Sample ID: 880-67480-2

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/03/26 11:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/31/26 16:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 09:31	01/31/26 16:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 09:31	01/31/26 16:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 09:31	01/31/26 16:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				01/28/26 09:31	01/31/26 16:35	1
o-Terphenyl (Surr)	89		70 - 130				01/28/26 09:31	01/31/26 16:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	444		10.1		mg/Kg			01/29/26 17:14	1

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

Lab Sample ID: 880-67480-3

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/26 13:15	02/03/26 11:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/26 13:15	02/03/26 11:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/26 13:15	02/03/26 11:27	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/29/26 13:15	02/03/26 11:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/26 13:15	02/03/26 11:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/26 13:15	02/03/26 11:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				01/29/26 13:15	02/03/26 11:27	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/29/26 13:15	02/03/26 11:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/26 11:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/26 16:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 09:31	01/31/26 16:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 09:31	01/31/26 16:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

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

Lab Sample ID: 880-67480-3

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 09:31	01/31/26 16:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130				01/28/26 09:31	01/31/26 16:51	1
o-Terphenyl (Surr)	89		70 - 130				01/28/26 09:31	01/31/26 16:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	486		10.1		mg/Kg			01/29/26 17:34	1

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

Lab Sample ID: 880-67480-4

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/29/26 13:15	02/03/26 11:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/29/26 13:15	02/03/26 11:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/29/26 13:15	02/03/26 11:47	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		01/29/26 13:15	02/03/26 11:47	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/29/26 13:15	02/03/26 11:47	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/29/26 13:15	02/03/26 11:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				01/29/26 13:15	02/03/26 11:47	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/29/26 13:15	02/03/26 11:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/03/26 11:47	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			01/31/26 17:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/28/26 09:31	01/31/26 17:05	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/28/26 09:31	01/31/26 17:05	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/28/26 09:31	01/31/26 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130				01/28/26 09:31	01/31/26 17:05	1
o-Terphenyl (Surr)	89		70 - 130				01/28/26 09:31	01/31/26 17:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	235		10.0		mg/Kg			01/29/26 17:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

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

Lab Sample ID: 880-67480-5

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/26 13:15	02/03/26 12:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/26 13:15	02/03/26 12:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/26 13:15	02/03/26 12:08	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/29/26 13:15	02/03/26 12:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/26 13:15	02/03/26 12:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/29/26 13:15	02/03/26 12:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	01/29/26 13:15	02/03/26 12:08	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/29/26 13:15	02/03/26 12:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/03/26 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/26 19:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 09:34	01/31/26 19:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 09:34	01/31/26 19:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 09:34	01/31/26 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130	01/28/26 09:34	01/31/26 19:03	1
o-Terphenyl (Surr)	96		70 - 130	01/28/26 09:34	01/31/26 19:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	195		10.1		mg/Kg			01/29/26 17:48	1

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

Lab Sample ID: 880-67480-6

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/26 13:15	02/03/26 12:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/26 13:15	02/03/26 12:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/26 13:15	02/03/26 12:28	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/29/26 13:15	02/03/26 12:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/26 13:15	02/03/26 12:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/26 13:15	02/03/26 12:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	01/29/26 13:15	02/03/26 12:28	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/29/26 13:15	02/03/26 12:28	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

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

Lab Sample ID: 880-67480-6

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/26 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/26 19:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 09:34	01/31/26 19:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 09:34	01/31/26 19:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 09:34	01/31/26 19:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				01/28/26 09:34	01/31/26 19:47	1
o-Terphenyl (Surr)	97		70 - 130				01/28/26 09:34	01/31/26 19:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	295		10.0		mg/Kg			01/29/26 17:55	1

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

Lab Sample ID: 880-67480-7

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/26 13:15	02/03/26 12:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/26 13:15	02/03/26 12:49	1
Ethylbenzene	0.00232		0.00201		mg/Kg		01/29/26 13:15	02/03/26 12:49	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/29/26 13:15	02/03/26 12:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/26 13:15	02/03/26 12:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/26 13:15	02/03/26 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				01/29/26 13:15	02/03/26 12:49	1
1,4-Difluorobenzene (Surr)	107		70 - 130				01/29/26 13:15	02/03/26 12:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/26 12:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/31/26 20:02	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	<50.2	U	50.2		mg/Kg		01/28/26 09:34	01/31/26 20:02	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/28/26 09:34	01/31/26 20:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

Client Sample ID: H-7 (0-0.5')
Date Collected: 01/27/26 00:00
Date Received: 01/27/26 17:15

Lab Sample ID: 880-67480-7
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/28/26 09:34	01/31/26 20:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130				01/28/26 09:34	01/31/26 20:02	1
o-Terphenyl (Surr)	97		70 - 130				01/28/26 09:34	01/31/26 20:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	228		9.92		mg/Kg			01/29/26 18:16	1

Surrogate Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-67478-A-15-C MS	Matrix Spike	105	100
880-67478-A-15-D MSD	Matrix Spike Duplicate	224 S1+	117
880-67480-1	H-1 (0-0.5')	102	113
880-67480-2	H-2 (0-0.5')	115	122
880-67480-3	H-3 (0-0.5')	104	101
880-67480-4	H-4 (0-0.5')	103	100
880-67480-5	H-5 (0-0.5')	117	111
880-67480-6	H-6 (0-0.5')	123	111
880-67480-7	H-7 (0-0.5')	117	107
LCS 880-130283/1-A	Lab Control Sample	109	93
LCSD 880-130283/2-A	Lab Control Sample Dup	79	85
MB 880-130283/5-A	Method Blank	111	77
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-67478-A-4-B MS	Matrix Spike	84	86
880-67478-A-4-C MSD	Matrix Spike Duplicate	84	86
880-67480-1	H-1 (0-0.5')	92	91
880-67480-2	H-2 (0-0.5')	89	89
880-67480-3	H-3 (0-0.5')	86	89
880-67480-4	H-4 (0-0.5')	88	89
880-67480-5	H-5 (0-0.5')	95	96
880-67480-5 MS	H-5 (0-0.5')	128	107
880-67480-5 MSD	H-5 (0-0.5')	92	95
880-67480-6	H-6 (0-0.5')	95	97
880-67480-7	H-7 (0-0.5')	97	97
LCS 880-130061/2-A	Lab Control Sample	92	93
LCS 880-130062/2-A	Lab Control Sample	108	112
LCSD 880-130061/3-A	Lab Control Sample Dup	91	93
LCSD 880-130062/3-A	Lab Control Sample Dup	94	96
MB 880-130061/1-A	Method Blank	98	96
MB 880-130062/1-A	Method Blank	93	90
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-130283/5-A

Matrix: Solid

Analysis Batch: 130612

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130283

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/26 13:15	02/03/26 09:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/26 13:15	02/03/26 09:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/26 13:15	02/03/26 09:57	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/29/26 13:15	02/03/26 09:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/26 13:15	02/03/26 09:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/29/26 13:15	02/03/26 09:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/29/26 13:15	02/03/26 09:57	1
1,4-Difluorobenzene (Surr)	77		70 - 130	01/29/26 13:15	02/03/26 09:57	1

Lab Sample ID: LCS 880-130283/1-A

Matrix: Solid

Analysis Batch: 130612

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09914		mg/Kg		99	70 - 130
Toluene	0.100	0.09227		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.09623		mg/Kg		96	70 - 130
m,p-Xylenes	0.200	0.2115		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1061		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-130283/2-A

Matrix: Solid

Analysis Batch: 130612

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130283

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08759		mg/Kg		88	70 - 130	12	35
Toluene	0.100	0.09325		mg/Kg		93	70 - 130	1	35
Ethylbenzene	0.100	0.07162		mg/Kg		72	70 - 130	29	35
m,p-Xylenes	0.200	0.1502		mg/Kg		75	70 - 130	34	35
o-Xylene	0.100	0.08757		mg/Kg		88	70 - 130	19	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	79		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 880-67478-A-15-C MS

Matrix: Solid

Analysis Batch: 130612

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 130283

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1 F2	0.100	0.08569		mg/Kg		86	70 - 130
Toluene	<0.00200	U F1 F2	0.100	0.05663	F1	mg/Kg		57	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

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

Lab Sample ID: 880-67478-A-15-C MS

Matrix: Solid

Analysis Batch: 130612

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 130283

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1 F2	0.100	0.05893	F1	mg/Kg		58	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.1247	F1	mg/Kg		62	70 - 130
o-Xylene	<0.00200	U	0.100	0.08366		mg/Kg		84	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-67478-A-15-D MSD

Matrix: Solid

Analysis Batch: 130612

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 130283

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.100	0.05428	F1 F2	mg/Kg		54	70 - 130	45	35
Toluene	<0.00200	U F1 F2	0.100	0.03083	F1 F2	mg/Kg		31	70 - 130	59	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.02764	F1 F2	mg/Kg		26	70 - 130	72	35
m,p-Xylenes	<0.00399	U F1	0.200	0.1306	F1	mg/Kg		65	70 - 130	5	35
o-Xylene	<0.00200	U	0.100	0.09540		mg/Kg		95	70 - 130	13	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	224	S1+	70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

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

Lab Sample ID: MB 880-130061/1-A

Matrix: Solid

Analysis Batch: 130445

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130061

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 09:31	01/31/26 07:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 09:31	01/31/26 07:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 09:31	01/31/26 07:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130	01/28/26 09:31	01/31/26 07:02	1
o-Terphenyl (Surr)	96		70 - 130	01/28/26 09:31	01/31/26 07:02	1

Lab Sample ID: LCS 880-130061/2-A

Matrix: Solid

Analysis Batch: 130445

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130061

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	893.0		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1025		mg/Kg		103	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

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

Lab Sample ID: LCS 880-130061/2-A

Matrix: Solid

Analysis Batch: 130445

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130061

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-130061/3-A

Matrix: Solid

Analysis Batch: 130445

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130061

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	895.2		mg/Kg		90	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	977.8		mg/Kg		98	70 - 130	5	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	91		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: 880-67478-A-4-B MS

Matrix: Solid

Analysis Batch: 130445

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 130061

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	756.4		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	825.2		mg/Kg		83	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	84		70 - 130
o-Terphenyl (Surr)	86		70 - 130

Lab Sample ID: 880-67478-A-4-C MSD

Matrix: Solid

Analysis Batch: 130445

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 130061

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	739.4		mg/Kg		74	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	836.3		mg/Kg		84	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	84		70 - 130
o-Terphenyl (Surr)	86		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

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

Lab Sample ID: MB 880-130062/1-A

Matrix: Solid

Analysis Batch: 130445

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130062

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 09:34	01/31/26 18:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 09:34	01/31/26 18:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 09:34	01/31/26 18:20	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130				01/28/26 09:34	01/31/26 18:20	1
o-Terphenyl (Surr)	90		70 - 130				01/28/26 09:34	01/31/26 18:20	1

Lab Sample ID: LCS 880-130062/2-A

Matrix: Solid

Analysis Batch: 130445

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130062

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1066		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1152		mg/Kg		115	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	108		70 - 130				
o-Terphenyl (Surr)	112		70 - 130				

Lab Sample ID: LCSD 880-130062/3-A

Matrix: Solid

Analysis Batch: 130445

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130062

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	907.3		mg/Kg		91	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	1000	1056		mg/Kg		106	70 - 130	9	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	94		70 - 130						
o-Terphenyl (Surr)	96		70 - 130						

Lab Sample ID: 880-67480-5 MS

Matrix: Solid

Analysis Batch: 130445

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

Prep Type: Total/NA

Prep Batch: 130062

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	970.3		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1068		mg/Kg		105	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

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

Lab Sample ID: 880-67480-5 MS

Matrix: Solid

Analysis Batch: 130445

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

Prep Type: Total/NA

Prep Batch: 130062

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	128		70 - 130
o-Terphenyl (Surr)	107		70 - 130

Lab Sample ID: 880-67480-5 MSD

Matrix: Solid

Analysis Batch: 130445

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

Prep Type: Total/NA

Prep Batch: 130062

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	847.3		mg/Kg		83	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	963.7		mg/Kg		94	70 - 130	10	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	95		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-130175/1-A

Matrix: Solid

Analysis Batch: 130216

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/29/26 12:51	1

Lab Sample ID: LCS 880-130175/2-A

Matrix: Solid

Analysis Batch: 130216

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	256.0		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-130175/3-A

Matrix: Solid

Analysis Batch: 130216

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.1		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-67478-A-9-C MS

Matrix: Solid

Analysis Batch: 130216

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	15.4		249	256.7		mg/Kg		97	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-67478-A-9-D MSD

Matrix: Solid

Analysis Batch: 130216

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	15.4		249	257.4		mg/Kg		97	90 - 110	0	20

Lab Sample ID: MB 880-130176/1-A

Matrix: Solid

Analysis Batch: 130253

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/29/26 16:53	1

Lab Sample ID: LCS 880-130176/2-A

Matrix: Solid

Analysis Batch: 130253

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.3		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-130176/3-A

Matrix: Solid

Analysis Batch: 130253

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	258.0		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-67480-2 MS

Matrix: Solid

Analysis Batch: 130253

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	444		253	676.4		mg/Kg		92	90 - 110

Lab Sample ID: 880-67480-2 MSD

Matrix: Solid

Analysis Batch: 130253

Client Sample ID: H-2 (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	444		253	679.3		mg/Kg		93	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

GC VOA

Prep Batch: 130283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67480-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-67480-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-67480-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-67480-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-67480-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-67480-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-67480-7	H-7 (0-0.5')	Total/NA	Solid	5035	
MB 880-130283/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130283/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130283/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67478-A-15-C MS	Matrix Spike	Total/NA	Solid	5035	
880-67478-A-15-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 130612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67480-1	H-1 (0-0.5')	Total/NA	Solid	8021B	130283
880-67480-2	H-2 (0-0.5')	Total/NA	Solid	8021B	130283
880-67480-3	H-3 (0-0.5')	Total/NA	Solid	8021B	130283
880-67480-4	H-4 (0-0.5')	Total/NA	Solid	8021B	130283
880-67480-5	H-5 (0-0.5')	Total/NA	Solid	8021B	130283
880-67480-6	H-6 (0-0.5')	Total/NA	Solid	8021B	130283
880-67480-7	H-7 (0-0.5')	Total/NA	Solid	8021B	130283
MB 880-130283/5-A	Method Blank	Total/NA	Solid	8021B	130283
LCS 880-130283/1-A	Lab Control Sample	Total/NA	Solid	8021B	130283
LCSD 880-130283/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130283
880-67478-A-15-C MS	Matrix Spike	Total/NA	Solid	8021B	130283
880-67478-A-15-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	130283

Analysis Batch: 130689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67480-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-67480-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-67480-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-67480-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-67480-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-67480-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-67480-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 130061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67480-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-67480-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-67480-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-67480-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-130061/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-130061/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-130061/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67478-A-4-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-67478-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

GC Semi VOA

Prep Batch: 130062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67480-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-67480-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-67480-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-130062/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-130062/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-130062/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67480-5 MS	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-67480-5 MSD	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 130445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67480-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	130061
880-67480-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	130061
880-67480-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	130061
880-67480-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	130061
880-67480-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	130062
880-67480-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	130062
880-67480-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	130062
MB 880-130061/1-A	Method Blank	Total/NA	Solid	8015B NM	130061
MB 880-130062/1-A	Method Blank	Total/NA	Solid	8015B NM	130062
LCS 880-130061/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	130061
LCS 880-130062/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	130062
LCSD 880-130061/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	130061
LCSD 880-130062/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	130062
880-67478-A-4-B MS	Matrix Spike	Total/NA	Solid	8015B NM	130061
880-67478-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	130061
880-67480-5 MS	H-5 (0-0.5')	Total/NA	Solid	8015B NM	130062
880-67480-5 MSD	H-5 (0-0.5')	Total/NA	Solid	8015B NM	130062

Analysis Batch: 130568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67480-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-67480-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-67480-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-67480-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-67480-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-67480-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-67480-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 130175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67480-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-130175/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-130175/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-130175/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67478-A-9-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-67478-A-9-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

HPLC/IC

Leach Batch: 130176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67480-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-67480-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-67480-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-67480-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-67480-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-67480-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-130176/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-130176/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-130176/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67480-2 MS	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-67480-2 MSD	H-2 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 130216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67480-1	H-1 (0-0.5')	Soluble	Solid	300.0	130175
MB 880-130175/1-A	Method Blank	Soluble	Solid	300.0	130175
LCS 880-130175/2-A	Lab Control Sample	Soluble	Solid	300.0	130175
LCSD 880-130175/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	130175
880-67478-A-9-C MS	Matrix Spike	Soluble	Solid	300.0	130175
880-67478-A-9-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	130175

Analysis Batch: 130253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67480-2	H-2 (0-0.5')	Soluble	Solid	300.0	130176
880-67480-3	H-3 (0-0.5')	Soluble	Solid	300.0	130176
880-67480-4	H-4 (0-0.5')	Soluble	Solid	300.0	130176
880-67480-5	H-5 (0-0.5')	Soluble	Solid	300.0	130176
880-67480-6	H-6 (0-0.5')	Soluble	Solid	300.0	130176
880-67480-7	H-7 (0-0.5')	Soluble	Solid	300.0	130176
MB 880-130176/1-A	Method Blank	Soluble	Solid	300.0	130176
LCS 880-130176/2-A	Lab Control Sample	Soluble	Solid	300.0	130176
LCSD 880-130176/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	130176
880-67480-2 MS	H-2 (0-0.5')	Soluble	Solid	300.0	130176
880-67480-2 MSD	H-2 (0-0.5')	Soluble	Solid	300.0	130176

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

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

Lab Sample ID: 880-67480-1

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130283	01/29/26 13:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130612	02/03/26 10:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130689	02/03/26 10:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			130568	01/31/26 16:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130061	01/28/26 09:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130445	01/31/26 16:21	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	130175	01/28/26 16:04	SA	EET MID
Soluble	Analysis	300.0		1			130216	01/29/26 16:18	CS	EET MID

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

Lab Sample ID: 880-67480-2

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130283	01/29/26 13:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130612	02/03/26 11:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130689	02/03/26 11:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			130568	01/31/26 16:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130061	01/28/26 09:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130445	01/31/26 16:35	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130176	01/28/26 16:06	SA	EET MID
Soluble	Analysis	300.0		1			130253	01/29/26 17:14	CS	EET MID

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

Lab Sample ID: 880-67480-3

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130283	01/29/26 13:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130612	02/03/26 11:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130689	02/03/26 11:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			130568	01/31/26 16:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130061	01/28/26 09:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130445	01/31/26 16:51	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130176	01/28/26 16:06	SA	EET MID
Soluble	Analysis	300.0		1			130253	01/29/26 17:34	CS	EET MID

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

Lab Sample ID: 880-67480-4

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130283	01/29/26 13:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130612	02/03/26 11:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130689	02/03/26 11:47	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

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

Lab Sample ID: 880-67480-4

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130568	01/31/26 17:05	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	130061	01/28/26 09:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130445	01/31/26 17:05	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130176	01/28/26 16:06	SA	EET MID
Soluble	Analysis	300.0		1			130253	01/29/26 17:41	CS	EET MID

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

Lab Sample ID: 880-67480-5

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	130283	01/29/26 13:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130612	02/03/26 12:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130689	02/03/26 12:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			130568	01/31/26 19:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130062	01/28/26 09:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130445	01/31/26 19:03	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130176	01/28/26 16:06	SA	EET MID
Soluble	Analysis	300.0		1			130253	01/29/26 17:48	CS	EET MID

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

Lab Sample ID: 880-67480-6

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130283	01/29/26 13:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130612	02/03/26 12:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130689	02/03/26 12:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			130568	01/31/26 19:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130062	01/28/26 09:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130445	01/31/26 19:47	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	130176	01/28/26 16:06	SA	EET MID
Soluble	Analysis	300.0		1			130253	01/29/26 17:55	CS	EET MID

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

Lab Sample ID: 880-67480-7

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130283	01/29/26 13:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130612	02/03/26 12:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130689	02/03/26 12:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			130568	01/31/26 20:02	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	130062	01/28/26 09:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130445	01/31/26 20:02	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

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

Date Collected: 01/27/26 00:00

Date Received: 01/27/26 17:15

Lab Sample ID: 880-67480-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	130176	01/28/26 16:06	SA	EET MID
Soluble	Analysis	300.0		1			130253	01/29/26 18:16	CS	EET MID

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

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: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

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: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67480-1
SDG: 3014

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-67480-1	H-1 (0-0.5')	Solid	01/27/26 00:00	01/27/26 17:15	New Mexico
880-67480-2	H-2 (0-0.5')	Solid	01/27/26 00:00	01/27/26 17:15	New Mexico
880-67480-3	H-3 (0-0.5')	Solid	01/27/26 00:00	01/27/26 17:15	New Mexico
880-67480-4	H-4 (0-0.5')	Solid	01/27/26 00:00	01/27/26 17:15	New Mexico
880-67480-5	H-5 (0-0.5')	Solid	01/27/26 00:00	01/27/26 17:15	New Mexico
880-67480-6	H-6 (0-0.5')	Solid	01/27/26 00:00	01/27/26 17:15	New Mexico
880-67480-7	H-7 (0-0.5')	Solid	01/27/26 00:00	01/27/26 17:15	New Mexico

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Chain of Custody

Work C



880-67430 Chain of Custody

Page 1 of 1

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cinmarex 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:	432-813-8986	Email:	laci.luig@coterra.com & ThielkeA@carmonaresources.com

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

ANALYSIS REQUEST				PRESERVATIVE CODES			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments
H-1 (0-0.5')	1/27/2026		X		G	1	
H-2 (0-0.5')	1/27/2026		X		G	1	
H-3 (0-0.5')	1/27/2026		X		G	1	
H-4 (0-0.5')	1/27/2026		X		G	1	
H-5 (0-0.5')	1/27/2026		X		G	1	
H-6 (0-0.5')	1/27/2026		X		G	1	
H-7 (0-0.5')	1/27/2026		X		G	1	
Parameters				Hold			
BTX 8021B				TPH 8015M (GRO + DRO + MRO)			
Chloride 300.0							
Turn Around				Preservative Codes			
☒ Routine ☐ Rush Due Date: Standard TAT				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			

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-67480-1

SDG Number: 3014

Login Number: 67480

List Number: 1

Creator: Dyal, Erica

List Source: Eurofins Midland

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



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701
Generated 2/6/2026 1:20:19 PM

JOB DESCRIPTION

LOE East Pad- Zia Federal Com 706H
3014

JOB NUMBER

880-67482-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
2/6/2026 1:20:19 PM

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

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Laboratory Job ID: 880-67482-1
SDG: 3014

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Definitions/Glossary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	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: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1

Job ID: 880-67482-1

Eurofins Midland

Job Narrative
880-67482-1

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 1/27/2026 5:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.8°C.

GC VOA

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-130749 and analytical batch 880-130611 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-130755 and analytical batch 880-130615 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-130748 and analytical batch 880-130701 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-61 (0-0.25') (880-67482-61), CS-65 (0-0.25') (880-67482-65), CS-67 (0-0.25') (880-67482-67), CS-68 (0-0.25') (880-67482-68), CS-70 (0-0.25') (880-67482-70), CS-71 (0-0.25') (880-67482-71), CS-73 (0-0.25') (880-67482-73), CS-75 (0-0.25') (880-67482-75) and CS-79 (0-0.25') (880-67482-79). 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 880-130757 and analytical batch 880-130802 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The laboratory control sample duplicate (LCSD) associated with preparation batch 880-130808 and analytical batch 880-130803 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-130811 and analytical batch 880-130803 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-130809 and analytical batch 880-130802. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-130811 and analytical batch 880-130803 recovered outside control limits for the following analytes: Ethylbenzene and m-Xylene & p-Xylene.

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1

Job ID: 880-67482-1 (Continued)

Eurofins Midland

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-130810 and analytical batch 880-130739 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-141 (0-0.25') (880-67482-141), CS-142 (0-0.25') (880-67482-142), CS-143 (0-0.25') (880-67482-143), CS-144 (0-0.25') (880-67482-144), CS-145 (0-0.25') (880-67482-145), CS-146 (0-0.25') (880-67482-146), CS-147 (0-0.25') (880-67482-147), CS-148 (0-0.25') (880-67482-148), CS-150 (0-0.25') (880-67482-150), CS-151 (0-0.25') (880-67482-151), CS-153 (0-0.25') (880-67482-153), CS-154 (0-0.25') (880-67482-154), CS-155 (0-0.25') (880-67482-155), CS-156 (0-0.25') (880-67482-156), CS-157 (0-0.25') (880-67482-157), CS-158 (0-0.25') (880-67482-158), CS-159 (0-0.25') (880-67482-159) and CS-160 (0-0.25') (880-67482-160). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-130450 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 880-130450/139).

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-130155/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS-93 (0-0.25') (880-67482-93). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-104 (0-0.25') (880-67482-104), CS-105 (0-0.25') (880-67482-105), CS-106 (0-0.25') (880-67482-106), CS-107 (0-0.25') (880-67482-107), CS-108 (0-0.25') (880-67482-108), CS-109 (0-0.25') (880-67482-109), CS-110 (0-0.25') (880-67482-110), CS-111 (0-0.25') (880-67482-111), CS-112 (0-0.25') (880-67482-112), CS-114 (0-0.25') (880-67482-114), CS-115 (0-0.25') (880-67482-115) and CS-116 (0-0.25') (880-67482-116). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-99 (0-0.25') (880-67482-99) and CS-101 (0-0.25') (880-67482-101). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (880-67482-A-38-B MS), (880-67482-A-38-C MSD), (880-67482-A-98-B MS) and (880-67482-A-98-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-38 (0-0.25') (880-67482-38), CS-47 (0-0.25') (880-67482-47), CS-48 (0-0.25') (880-67482-48), CS-50 (0-0.25') (880-67482-50), CS-54 (0-0.25') (880-67482-54), CS-56 (0-0.25') (880-67482-56), CS-57 (0-0.25') (880-67482-57), CS-100 (0-0.25') (880-67482-100), CS-102 (0-0.25') (880-67482-102), CS-103 (0-0.25') (880-67482-103) and CS-117 (0-0.25') (880-67482-117). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-130153/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-130153/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-130517 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-130517/112).

Method 8015B NM: The laboratory control sample (LCS) associated with preparation batch 880-130160 and analytical batch 880-130622 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.

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1

Job ID: 880-67482-1 (Continued)

Eurofins Midland

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 880-130179 and analytical batch 880-130293 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 880-130181 and analytical batch 880-130347 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 880-130184 and analytical batch 880-130378 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-139 (0-0.25') (880-67482-139), CS-140 (0-0.25') (880-67482-140), CS-141 (0-0.25') (880-67482-141), CS-142 (0-0.25') (880-67482-142), CS-143 (0-0.25') (880-67482-143), CS-144 (0-0.25') (880-67482-144), CS-145 (0-0.25') (880-67482-145), CS-146 (0-0.25') (880-67482-146), CS-147 (0-0.25') (880-67482-147), CS-148 (0-0.25') (880-67482-148), CS-149 (0-0.25') (880-67482-149), (880-67482-A-140-C MS) and (880-67482-A-140-D MSD).

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-130178 and analytical batch 880-130291 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 880-130182 and analytical batch 880-130352 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 880-130183 and analytical batch 880-130369 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: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-1 (0-0.25')

Lab Sample ID: 880-67482-1

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:55	02/03/26 18:15	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		02/03/26 08:55	02/03/26 18:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:55	02/03/26 18:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/03/26 08:55	02/03/26 18:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:55	02/03/26 18:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/03/26 08:55	02/03/26 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	02/03/26 08:55	02/03/26 18:15	1
1,4-Difluorobenzene (Surr)	97		70 - 130	02/03/26 08:55	02/03/26 18:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/26 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/26 11:33	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		01/28/26 14:51	02/02/26 11:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:51	02/02/26 11:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:51	02/02/26 11:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	01/28/26 14:51	02/02/26 11:33	1
o-Terphenyl (Surr)	110		70 - 130	01/28/26 14:51	02/02/26 11:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1580		49.6		mg/Kg			01/30/26 09:10	5

Client Sample ID: CS-2 (0-0.25')

Lab Sample ID: 880-67482-2

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:55	02/03/26 18:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:55	02/03/26 18:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:55	02/03/26 18:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/03/26 08:55	02/03/26 18:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:55	02/03/26 18:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/03/26 08:55	02/03/26 18:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	02/03/26 08:55	02/03/26 18:35	1
1,4-Difluorobenzene (Surr)	104		70 - 130	02/03/26 08:55	02/03/26 18:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-2 (0-0.25')

Lab Sample ID: 880-67482-2

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/26 18:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/26 11:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:51	02/02/26 11:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:51	02/02/26 11:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:51	02/02/26 11:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				01/28/26 14:51	02/02/26 11:48	1
o-Terphenyl (Surr)	109		70 - 130				01/28/26 14:51	02/02/26 11:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1050		49.9		mg/Kg			01/29/26 17:07	5

Client Sample ID: CS-3 (0-0.25')

Lab Sample ID: 880-67482-3

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:55	02/03/26 18:56	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:55	02/03/26 18:56	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:55	02/03/26 18:56	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/03/26 08:55	02/03/26 18:56	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:55	02/03/26 18:56	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/03/26 08:55	02/03/26 18:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				02/03/26 08:55	02/03/26 18:56	1
1,4-Difluorobenzene (Surr)	102		70 - 130				02/03/26 08:55	02/03/26 18:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/03/26 18:56	1

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:51	02/02/26 12:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:51	02/02/26 12:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-3 (0-0.25')

Lab Sample ID: 880-67482-3

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:51	02/02/26 12:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				01/28/26 14:51	02/02/26 12:02	1
o-Terphenyl (Surr)	108		70 - 130				01/28/26 14:51	02/02/26 12:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	840		10.0		mg/Kg			01/29/26 17:23	1

Client Sample ID: CS-4 (0-0.25')

Lab Sample ID: 880-67482-4

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:55	02/03/26 19:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:55	02/03/26 19:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:55	02/03/26 19:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/03/26 08:55	02/03/26 19:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:55	02/03/26 19:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/03/26 08:55	02/03/26 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				02/03/26 08:55	02/03/26 19:16	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/03/26 08:55	02/03/26 19:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/26 19:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/26 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:51	02/02/26 12:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:51	02/02/26 12:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:51	02/02/26 12:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130				01/28/26 14:51	02/02/26 12:16	1
o-Terphenyl (Surr)	112		70 - 130				01/28/26 14:51	02/02/26 12:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1690		101		mg/Kg			01/29/26 17:28	10

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-5 (0-0.25')

Lab Sample ID: 880-67482-5

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/03/26 08:55	02/03/26 19:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/03/26 08:55	02/03/26 19:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/03/26 08:55	02/03/26 19:36	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/03/26 08:55	02/03/26 19:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/03/26 08:55	02/03/26 19:36	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/03/26 08:55	02/03/26 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	02/03/26 08:55	02/03/26 19:36	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/03/26 08:55	02/03/26 19:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/03/26 19:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/26 12:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:51	02/02/26 12:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:51	02/02/26 12:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:51	02/02/26 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130	01/28/26 14:51	02/02/26 12:30	1
o-Terphenyl (Surr)	114		70 - 130	01/28/26 14:51	02/02/26 12:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1190		9.94		mg/Kg			01/29/26 17:33	1

Client Sample ID: CS-6 (0-0.25')

Lab Sample ID: 880-67482-6

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:55	02/03/26 19:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:55	02/03/26 19:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:55	02/03/26 19:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/03/26 08:55	02/03/26 19:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:55	02/03/26 19:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/03/26 08:55	02/03/26 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	02/03/26 08:55	02/03/26 19:57	1
1,4-Difluorobenzene (Surr)	97		70 - 130	02/03/26 08:55	02/03/26 19:57	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-6 (0-0.25')

Lab Sample ID: 880-67482-6

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/03/26 19:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/26 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:51	02/02/26 12:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:51	02/02/26 12:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:51	02/02/26 12:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				01/28/26 14:51	02/02/26 12:44	1
o-Terphenyl (Surr)	109		70 - 130				01/28/26 14:51	02/02/26 12:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	754		49.8		mg/Kg			01/29/26 17:38	5

Client Sample ID: CS-7 (0-0.25')

Lab Sample ID: 880-67482-7

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:55	02/03/26 20:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:55	02/03/26 20:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:55	02/03/26 20:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/03/26 08:55	02/03/26 20:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:55	02/03/26 20:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/03/26 08:55	02/03/26 20:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				02/03/26 08:55	02/03/26 20:17	1
1,4-Difluorobenzene (Surr)	102		70 - 130				02/03/26 08:55	02/03/26 20:17	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			02/03/26 20:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/02/26 12:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/28/26 14:51	02/02/26 12:58	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/28/26 14:51	02/02/26 12:58	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-7 (0-0.25')

Lab Sample ID: 880-67482-7

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/28/26 14:51	02/02/26 12:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				01/28/26 14:51	02/02/26 12:58	1
o-Terphenyl (Surr)	95		70 - 130				01/28/26 14:51	02/02/26 12:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1550		100		mg/Kg			01/29/26 17:44	10

Client Sample ID: CS-8 (0-0.25')

Lab Sample ID: 880-67482-8

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:55	02/03/26 20:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:55	02/03/26 20:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:55	02/03/26 20:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/03/26 08:55	02/03/26 20:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:55	02/03/26 20:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/03/26 08:55	02/03/26 20:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				02/03/26 08:55	02/03/26 20:38	1
1,4-Difluorobenzene (Surr)	103		70 - 130				02/03/26 08:55	02/03/26 20:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/26 20:38	1

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:51	02/02/26 13:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:51	02/02/26 13:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:51	02/02/26 13:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				01/28/26 14:51	02/02/26 13:26	1
o-Terphenyl (Surr)	114		70 - 130				01/28/26 14:51	02/02/26 13:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		99.2		mg/Kg			01/29/26 17:49	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-9 (0-0.25')

Lab Sample ID: 880-67482-9

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:55	02/03/26 20:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:55	02/03/26 20:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:55	02/03/26 20:58	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/03/26 08:55	02/03/26 20:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:55	02/03/26 20:58	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/03/26 08:55	02/03/26 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	02/03/26 08:55	02/03/26 20:58	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/03/26 08:55	02/03/26 20:58	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			02/03/26 20:58	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			02/02/26 13:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:51	02/02/26 13:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:51	02/02/26 13:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:51	02/02/26 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	01/28/26 14:51	02/02/26 13:40	1
o-Terphenyl (Surr)	106		70 - 130	01/28/26 14:51	02/02/26 13:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	823		10.0		mg/Kg			01/29/26 17:54	1

Client Sample ID: CS-10 (0-0.25')

Lab Sample ID: 880-67482-10

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:55	02/03/26 21:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:55	02/03/26 21:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:55	02/03/26 21:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/03/26 08:55	02/03/26 21:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:55	02/03/26 21:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/03/26 08:55	02/03/26 21:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/03/26 08:55	02/03/26 21:19	1
1,4-Difluorobenzene (Surr)	104		70 - 130	02/03/26 08:55	02/03/26 21:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-10 (0-0.25')

Lab Sample ID: 880-67482-10

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/26 21:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/26 13:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:51	02/02/26 13:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:51	02/02/26 13:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:51	02/02/26 13:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				01/28/26 14:51	02/02/26 13:55	1
o-Terphenyl (Surr)	102		70 - 130				01/28/26 14:51	02/02/26 13:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	825	F1	50.5		mg/Kg			01/30/26 14:32	5

Client Sample ID: CS-11 (0-0.25')

Lab Sample ID: 880-67482-11

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/04/26 09:18	02/04/26 18:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/04/26 09:18	02/04/26 18:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/04/26 09:18	02/04/26 18:56	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/04/26 09:18	02/04/26 18:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/04/26 09:18	02/04/26 18:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/04/26 09:18	02/04/26 18:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				02/04/26 09:18	02/04/26 18:56	1
1,4-Difluorobenzene (Surr)	114		70 - 130				02/04/26 09:18	02/04/26 18:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/04/26 18:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/26 14:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:51	02/02/26 14:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:51	02/02/26 14:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-11 (0-0.25')

Lab Sample ID: 880-67482-11

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:51	02/02/26 14:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				01/28/26 14:51	02/02/26 14:08	1
o-Terphenyl (Surr)	103		70 - 130				01/28/26 14:51	02/02/26 14:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	655		50.4		mg/Kg			01/30/26 14:48	5

Client Sample ID: CS-12 (0-0.25')

Lab Sample ID: 880-67482-12

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:18	02/04/26 19:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:18	02/04/26 19:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:18	02/04/26 19:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 09:18	02/04/26 19:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:18	02/04/26 19:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 09:18	02/04/26 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				02/04/26 09:18	02/04/26 19:16	1
1,4-Difluorobenzene (Surr)	109		70 - 130				02/04/26 09:18	02/04/26 19:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/26 19:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/26 14:23	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	<50.0	U	50.0		mg/Kg		01/28/26 14:51	02/02/26 14:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:51	02/02/26 14:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:51	02/02/26 14:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				01/28/26 14:51	02/02/26 14:23	1
o-Terphenyl (Surr)	109		70 - 130				01/28/26 14:51	02/02/26 14:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	520		50.2		mg/Kg			01/30/26 14:53	5

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-13 (0-0.25')

Lab Sample ID: 880-67482-13

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 09:18	02/04/26 19:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 09:18	02/04/26 19:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/04/26 09:18	02/04/26 19:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 09:18	02/04/26 19:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 09:18	02/04/26 19:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 09:18	02/04/26 19:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	02/04/26 09:18	02/04/26 19:37	1
1,4-Difluorobenzene (Surr)	111		70 - 130	02/04/26 09:18	02/04/26 19:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/26 19:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/26 14:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:51	02/02/26 14:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:51	02/02/26 14:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:51	02/02/26 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	01/28/26 14:51	02/02/26 14:37	1
o-Terphenyl (Surr)	105		70 - 130	01/28/26 14:51	02/02/26 14:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		50.5		mg/Kg			01/30/26 14:58	5

Client Sample ID: CS-14 (0-0.25')

Lab Sample ID: 880-67482-14

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 09:18	02/04/26 19:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 09:18	02/04/26 19:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/04/26 09:18	02/04/26 19:58	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/04/26 09:18	02/04/26 19:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 09:18	02/04/26 19:58	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 09:18	02/04/26 19:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	02/04/26 09:18	02/04/26 19:58	1
1,4-Difluorobenzene (Surr)	117		70 - 130	02/04/26 09:18	02/04/26 19:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-14 (0-0.25')

Lab Sample ID: 880-67482-14

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/04/26 19:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/26 14:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:51	02/02/26 14:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:51	02/02/26 14:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:51	02/02/26 14:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130				01/28/26 14:51	02/02/26 14:51	1
o-Terphenyl (Surr)	113		70 - 130				01/28/26 14:51	02/02/26 14:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	979		49.8		mg/Kg			01/30/26 15:03	5

Client Sample ID: CS-15 (0-0.25')

Lab Sample ID: 880-67482-15

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 09:18	02/04/26 20:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 09:18	02/04/26 20:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/04/26 09:18	02/04/26 20:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 09:18	02/04/26 20:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 09:18	02/04/26 20:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 09:18	02/04/26 20:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/04/26 09:18	02/04/26 20:18	1
1,4-Difluorobenzene (Surr)	111		70 - 130				02/04/26 09:18	02/04/26 20:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/26 20:18	1

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:51	02/02/26 15:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:51	02/02/26 15:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-15 (0-0.25')

Lab Sample ID: 880-67482-15

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:51	02/02/26 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				01/28/26 14:51	02/02/26 15:05	1
o-Terphenyl (Surr)	97		70 - 130				01/28/26 14:51	02/02/26 15:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	614		49.9		mg/Kg			01/30/26 15:19	5

Client Sample ID: CS-16 (0-0.25')

Lab Sample ID: 880-67482-16

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		02/04/26 09:16	02/05/26 02:01	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		02/04/26 09:16	02/05/26 02:01	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		02/04/26 09:16	02/05/26 02:01	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		02/04/26 09:16	02/05/26 02:01	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		02/04/26 09:16	02/05/26 02:01	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		02/04/26 09:16	02/05/26 02:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				02/04/26 09:16	02/05/26 02:01	1
1,4-Difluorobenzene (Surr)	93		70 - 130				02/04/26 09:16	02/05/26 02:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/05/26 02:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/02/26 15:19	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	<50.5	U	50.5		mg/Kg		01/28/26 14:51	02/02/26 15:19	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/28/26 14:51	02/02/26 15:19	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/28/26 14:51	02/02/26 15:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				01/28/26 14:51	02/02/26 15:19	1
o-Terphenyl (Surr)	102		70 - 130				01/28/26 14:51	02/02/26 15:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1080		50.0		mg/Kg			01/30/26 15:24	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-17 (0-0.25')

Lab Sample ID: 880-67482-17

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 09:16	02/05/26 02:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 09:16	02/05/26 02:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/04/26 09:16	02/05/26 02:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 09:16	02/05/26 02:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 09:16	02/05/26 02:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 09:16	02/05/26 02:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	02/04/26 09:16	02/05/26 02:21	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/04/26 09:16	02/05/26 02:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/05/26 02:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/02/26 15:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/28/26 14:51	02/02/26 15:34	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/28/26 14:51	02/02/26 15:34	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/28/26 14:51	02/02/26 15:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130	01/28/26 14:51	02/02/26 15:34	1
o-Terphenyl (Surr)	97		70 - 130	01/28/26 14:51	02/02/26 15:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	737		49.6		mg/Kg			01/30/26 15:30	5

Client Sample ID: CS-18 (0-0.25')

Lab Sample ID: 880-67482-18

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 09:16	02/05/26 02:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 09:16	02/05/26 02:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/04/26 09:16	02/05/26 02:42	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/04/26 09:16	02/05/26 02:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 09:16	02/05/26 02:42	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 09:16	02/05/26 02:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	02/04/26 09:16	02/05/26 02:42	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/04/26 09:16	02/05/26 02:42	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-18 (0-0.25')

Lab Sample ID: 880-67482-18

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/05/26 02:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/26 18:32	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		01/28/26 14:55	01/31/26 18:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:55	01/31/26 18:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:55	01/31/26 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				01/28/26 14:55	01/31/26 18:32	1
o-Terphenyl (Surr)	85		70 - 130				01/28/26 14:55	01/31/26 18:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	485		49.7		mg/Kg			01/30/26 15:35	5

Client Sample ID: CS-19 (0-0.25')

Lab Sample ID: 880-67482-19

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 09:16	02/05/26 06:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 09:16	02/05/26 06:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/04/26 09:16	02/05/26 06:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 09:16	02/05/26 06:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 09:16	02/05/26 06:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 09:16	02/05/26 06:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130				02/04/26 09:16	02/05/26 06:39	1
1,4-Difluorobenzene (Surr)	84		70 - 130				02/04/26 09:16	02/05/26 06:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/05/26 06:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/26 19:15	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		01/28/26 14:55	01/31/26 19:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:55	01/31/26 19:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-19 (0-0.25')

Lab Sample ID: 880-67482-19

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:55	01/31/26 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130				01/28/26 14:55	01/31/26 19:15	1
o-Terphenyl (Surr)	88		70 - 130				01/28/26 14:55	01/31/26 19:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	910		49.8		mg/Kg			01/30/26 15:40	5

Client Sample ID: CS-20 (0-0.25')

Lab Sample ID: 880-67482-20

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/04/26 09:16	02/05/26 06:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/04/26 09:16	02/05/26 06:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/04/26 09:16	02/05/26 06:59	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/04/26 09:16	02/05/26 06:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/04/26 09:16	02/05/26 06:59	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/04/26 09:16	02/05/26 06:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130				02/04/26 09:16	02/05/26 06:59	1
1,4-Difluorobenzene (Surr)	87		70 - 130				02/04/26 09:16	02/05/26 06:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/05/26 06:59	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			01/31/26 19:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 19:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 19:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 19:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130				01/28/26 14:55	01/31/26 19:29	1
o-Terphenyl (Surr)	86		70 - 130				01/28/26 14:55	01/31/26 19:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	973	F1	49.9		mg/Kg			01/30/26 15:45	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-21 (0-0.25')

Lab Sample ID: 880-67482-21

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/03/26 20:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/03/26 20:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/03/26 20:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/03/26 08:59	02/03/26 20:40	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		02/03/26 08:59	02/03/26 20:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/03/26 08:59	02/03/26 20:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	02/03/26 08:59	02/03/26 20:40	1
1,4-Difluorobenzene (Surr)	90		70 - 130	02/03/26 08:59	02/03/26 20:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/26 20:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/31/26 19:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 19:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 19:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 19:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130	01/28/26 14:55	01/31/26 19:43	1
o-Terphenyl (Surr)	80		70 - 130	01/28/26 14:55	01/31/26 19:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	526		49.6		mg/Kg			01/30/26 16:01	5

Client Sample ID: CS-22 (0-0.25')

Lab Sample ID: 880-67482-22

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:59	02/03/26 21:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:59	02/03/26 21:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:59	02/03/26 21:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/03/26 08:59	02/03/26 21:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:59	02/03/26 21:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/03/26 08:59	02/03/26 21:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	02/03/26 08:59	02/03/26 21:00	1
1,4-Difluorobenzene (Surr)	91		70 - 130	02/03/26 08:59	02/03/26 21:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-22 (0-0.25')

Lab Sample ID: 880-67482-22

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/26 21:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/31/26 19:57	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		01/28/26 14:55	01/31/26 19:57	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/28/26 14:55	01/31/26 19:57	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/28/26 14:55	01/31/26 19:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				01/28/26 14:55	01/31/26 19:57	1
o-Terphenyl (Surr)	85		70 - 130				01/28/26 14:55	01/31/26 19:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	943		50.4		mg/Kg			01/30/26 16:06	5

Client Sample ID: CS-23 (0-0.25')

Lab Sample ID: 880-67482-23

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:59	02/03/26 21:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:59	02/03/26 21:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:59	02/03/26 21:21	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/03/26 08:59	02/03/26 21:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:59	02/03/26 21:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/03/26 08:59	02/03/26 21:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				02/03/26 08:59	02/03/26 21:21	1
1,4-Difluorobenzene (Surr)	86		70 - 130				02/03/26 08:59	02/03/26 21:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/03/26 21:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/31/26 20:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/28/26 14:55	01/31/26 20:11	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/28/26 14:55	01/31/26 20:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-23 (0-0.25')

Lab Sample ID: 880-67482-23

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/28/26 14:55	01/31/26 20:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130				01/28/26 14:55	01/31/26 20:11	1
o-Terphenyl (Surr)	84		70 - 130				01/28/26 14:55	01/31/26 20:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	730		50.4		mg/Kg			01/30/26 16:22	5

Client Sample ID: CS-24 (0-0.25')

Lab Sample ID: 880-67482-24

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:59	02/03/26 21:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:59	02/03/26 21:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:59	02/03/26 21:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/03/26 08:59	02/03/26 21:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:59	02/03/26 21:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/03/26 08:59	02/03/26 21:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				02/03/26 08:59	02/03/26 21:41	1
1,4-Difluorobenzene (Surr)	92		70 - 130				02/03/26 08:59	02/03/26 21:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/26 21:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/31/26 20:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:55	01/31/26 20:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:55	01/31/26 20:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:55	01/31/26 20:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				01/28/26 14:55	01/31/26 20:24	1
o-Terphenyl (Surr)	87		70 - 130				01/28/26 14:55	01/31/26 20:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	609		49.7		mg/Kg			01/30/26 16:27	5

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-25 (0-0.25')

Lab Sample ID: 880-67482-25

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/03/26 08:59	02/03/26 22:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/03/26 08:59	02/03/26 22:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/03/26 08:59	02/03/26 22:02	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/03/26 08:59	02/03/26 22:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/03/26 08:59	02/03/26 22:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/03/26 08:59	02/03/26 22:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	02/03/26 08:59	02/03/26 22:02	1
1,4-Difluorobenzene (Surr)	90		70 - 130	02/03/26 08:59	02/03/26 22:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/03/26 22:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/26 20:39	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		01/28/26 14:55	01/31/26 20:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:55	01/31/26 20:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:55	01/31/26 20:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130	01/28/26 14:55	01/31/26 20:39	1
o-Terphenyl (Surr)	78		70 - 130	01/28/26 14:55	01/31/26 20:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	961		49.8		mg/Kg			01/30/26 16:32	5

Client Sample ID: CS-26 (0-0.25')

Lab Sample ID: 880-67482-26

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/03/26 22:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/03/26 22:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/03/26 22:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/03/26 08:59	02/03/26 22:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/03/26 22:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/03/26 08:59	02/03/26 22:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	02/03/26 08:59	02/03/26 22:22	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/03/26 08:59	02/03/26 22:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-26 (0-0.25')

Lab Sample ID: 880-67482-26

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/03/26 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/31/26 20:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 20:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 20:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 20:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130				01/28/26 14:55	01/31/26 20:53	1
o-Terphenyl (Surr)	86		70 - 130				01/28/26 14:55	01/31/26 20:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	835		49.9		mg/Kg			01/30/26 16:38	5

Client Sample ID: CS-27 (0-0.25')

Lab Sample ID: 880-67482-27

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/03/26 22:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/03/26 22:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/03/26 22:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/03/26 08:59	02/03/26 22:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/03/26 22:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/03/26 08:59	02/03/26 22:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				02/03/26 08:59	02/03/26 22:43	1
1,4-Difluorobenzene (Surr)	85		70 - 130				02/03/26 08:59	02/03/26 22:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/26 22:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/31/26 21:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 21:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 21:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-27 (0-0.25')

Lab Sample ID: 880-67482-27

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 21:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				01/28/26 14:55	01/31/26 21:06	1
o-Terphenyl (Surr)	85		70 - 130				01/28/26 14:55	01/31/26 21:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	566		50.3		mg/Kg			01/30/26 16:43	5

Client Sample ID: CS-28 (0-0.25')

Lab Sample ID: 880-67482-28

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:59	02/03/26 23:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:59	02/03/26 23:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:59	02/03/26 23:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/03/26 08:59	02/03/26 23:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:59	02/03/26 23:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/03/26 08:59	02/03/26 23:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				02/03/26 08:59	02/03/26 23:03	1
1,4-Difluorobenzene (Surr)	90		70 - 130				02/03/26 08:59	02/03/26 23:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/26 23:03	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			01/31/26 21:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:55	01/31/26 21:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:55	01/31/26 21:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:55	01/31/26 21:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				01/28/26 14:55	01/31/26 21:35	1
o-Terphenyl (Surr)	87		70 - 130				01/28/26 14:55	01/31/26 21:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090		50.2		mg/Kg			01/30/26 16:48	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-29 (0-0.25')

Lab Sample ID: 880-67482-29

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:59	02/03/26 23:24	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:59	02/03/26 23:24	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:59	02/03/26 23:24	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/03/26 08:59	02/03/26 23:24	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:59	02/03/26 23:24	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/03/26 08:59	02/03/26 23:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	02/03/26 08:59	02/03/26 23:24	1
1,4-Difluorobenzene (Surr)	103		70 - 130	02/03/26 08:59	02/03/26 23:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/03/26 23:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/31/26 21:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 21:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 21:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 21:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130	01/28/26 14:55	01/31/26 21:48	1
o-Terphenyl (Surr)	90		70 - 130	01/28/26 14:55	01/31/26 21:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	639		50.1		mg/Kg			01/30/26 16:53	5

Client Sample ID: CS-30 (0-0.25')

Lab Sample ID: 880-67482-30

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:59	02/03/26 23:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:59	02/03/26 23:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:59	02/03/26 23:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/03/26 08:59	02/03/26 23:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:59	02/03/26 23:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/03/26 08:59	02/03/26 23:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	02/03/26 08:59	02/03/26 23:44	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/03/26 08:59	02/03/26 23:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-30 (0-0.25')

Lab Sample ID: 880-67482-30

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/03/26 23:44	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			01/31/26 22:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:55	01/31/26 22:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:55	01/31/26 22:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:55	01/31/26 22:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130				01/28/26 14:55	01/31/26 22:03	1
o-Terphenyl (Surr)	83		70 - 130				01/28/26 14:55	01/31/26 22:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	555		49.9		mg/Kg			01/30/26 10:15	5

Client Sample ID: CS-31 (0-0.25')

Lab Sample ID: 880-67482-31

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/03/26 08:59	02/04/26 01:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/03/26 08:59	02/04/26 01:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/03/26 08:59	02/04/26 01:18	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/03/26 08:59	02/04/26 01:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/03/26 08:59	02/04/26 01:18	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/03/26 08:59	02/04/26 01:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				02/03/26 08:59	02/04/26 01:18	1
1,4-Difluorobenzene (Surr)	89		70 - 130				02/03/26 08:59	02/04/26 01:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/04/26 01:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/31/26 22:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:55	01/31/26 22:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:55	01/31/26 22:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-31 (0-0.25')

Lab Sample ID: 880-67482-31

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:55	01/31/26 22:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				01/28/26 14:55	01/31/26 22:17	1
o-Terphenyl (Surr)	90		70 - 130				01/28/26 14:55	01/31/26 22:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	949		50.0		mg/Kg			01/30/26 10:31	5

Client Sample ID: CS-32 (0-0.25')

Lab Sample ID: 880-67482-32

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/04/26 01:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/04/26 01:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/04/26 01:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/03/26 08:59	02/04/26 01:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/04/26 01:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/03/26 08:59	02/04/26 01:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				02/03/26 08:59	02/04/26 01:38	1
1,4-Difluorobenzene (Surr)	103		70 - 130				02/03/26 08:59	02/04/26 01:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/26 01:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/31/26 22:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 22:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 22:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 22:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				01/28/26 14:55	01/31/26 22:31	1
o-Terphenyl (Surr)	95		70 - 130				01/28/26 14:55	01/31/26 22:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	744		49.5		mg/Kg			01/30/26 10:36	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-33 (0-0.25')

Lab Sample ID: 880-67482-33

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:59	02/04/26 01:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:59	02/04/26 01:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:59	02/04/26 01:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/03/26 08:59	02/04/26 01:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:59	02/04/26 01:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/03/26 08:59	02/04/26 01:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	02/03/26 08:59	02/04/26 01:58	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/03/26 08:59	02/04/26 01:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/26 01:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/31/26 22:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:55	01/31/26 22:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:55	01/31/26 22:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:55	01/31/26 22:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130	01/28/26 14:55	01/31/26 22:45	1
o-Terphenyl (Surr)	85		70 - 130	01/28/26 14:55	01/31/26 22:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	670		50.5		mg/Kg			01/30/26 10:41	5

Client Sample ID: CS-34 (0-0.25')

Lab Sample ID: 880-67482-34

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:59	02/04/26 02:19	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:59	02/04/26 02:19	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:59	02/04/26 02:19	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/03/26 08:59	02/04/26 02:19	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:59	02/04/26 02:19	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/03/26 08:59	02/04/26 02:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	02/03/26 08:59	02/04/26 02:19	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/03/26 08:59	02/04/26 02:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-34 (0-0.25')

Lab Sample ID: 880-67482-34

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/04/26 02:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/26 22:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:55	01/31/26 22:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:55	01/31/26 22:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:55	01/31/26 22:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130				01/28/26 14:55	01/31/26 22:59	1
o-Terphenyl (Surr)	91		70 - 130				01/28/26 14:55	01/31/26 22:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1120		49.7		mg/Kg			01/30/26 10:47	5

Client Sample ID: CS-35 (0-0.25')

Lab Sample ID: 880-67482-35

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:59	02/04/26 02:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:59	02/04/26 02:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:59	02/04/26 02:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/03/26 08:59	02/04/26 02:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:59	02/04/26 02:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/03/26 08:59	02/04/26 02:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				02/03/26 08:59	02/04/26 02:39	1
1,4-Difluorobenzene (Surr)	89		70 - 130				02/03/26 08:59	02/04/26 02:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/26 02:39	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			01/31/26 23:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 23:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 23:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-35 (0-0.25')

Lab Sample ID: 880-67482-35

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:55	01/31/26 23:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				01/28/26 14:55	01/31/26 23:13	1
o-Terphenyl (Surr)	90		70 - 130				01/28/26 14:55	01/31/26 23:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	704		49.6		mg/Kg			01/30/26 11:02	5

Client Sample ID: CS-36 (0-0.25')

Lab Sample ID: 880-67482-36

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/03/26 08:59	02/04/26 03:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/03/26 08:59	02/04/26 03:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/03/26 08:59	02/04/26 03:00	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/03/26 08:59	02/04/26 03:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/03/26 08:59	02/04/26 03:00	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/03/26 08:59	02/04/26 03:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				02/03/26 08:59	02/04/26 03:00	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/03/26 08:59	02/04/26 03:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/04/26 03:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/26 23:28	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		01/28/26 14:55	01/31/26 23:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:55	01/31/26 23:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:55	01/31/26 23:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				01/28/26 14:55	01/31/26 23:28	1
o-Terphenyl (Surr)	85		70 - 130				01/28/26 14:55	01/31/26 23:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	782		50.0		mg/Kg			01/30/26 11:08	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-37 (0-0.25')

Lab Sample ID: 880-67482-37

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/04/26 03:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/04/26 03:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/04/26 03:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/03/26 08:59	02/04/26 03:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/04/26 03:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/03/26 08:59	02/04/26 03:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	02/03/26 08:59	02/04/26 03:20	1
1,4-Difluorobenzene (Surr)	89		70 - 130	02/03/26 08:59	02/04/26 03:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/26 03:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/31/26 23:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/28/26 14:55	01/31/26 23:42	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/28/26 14:55	01/31/26 23:42	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/28/26 14:55	01/31/26 23:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130	01/28/26 14:55	01/31/26 23:42	1
o-Terphenyl (Surr)	79		70 - 130	01/28/26 14:55	01/31/26 23:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1140		49.5		mg/Kg			01/30/26 11:13	5

Client Sample ID: CS-38 (0-0.25')

Lab Sample ID: 880-67482-38

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:59	02/04/26 03:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:59	02/04/26 03:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:59	02/04/26 03:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/03/26 08:59	02/04/26 03:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/03/26 08:59	02/04/26 03:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/03/26 08:59	02/04/26 03:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/03/26 08:59	02/04/26 03:41	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/03/26 08:59	02/04/26 03:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-38 (0-0.25')

Lab Sample ID: 880-67482-38

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/26 03:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/03/26 00:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/28/26 14:57	02/03/26 00:22	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/28/26 14:57	02/03/26 00:22	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/28/26 14:57	02/03/26 00:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130				01/28/26 14:57	02/03/26 00:22	1
o-Terphenyl (Surr)	131	S1+	70 - 130				01/28/26 14:57	02/03/26 00:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	726		49.7		mg/Kg			01/30/26 11:18	5

Client Sample ID: CS-39 (0-0.25')

Lab Sample ID: 880-67482-39

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:59	02/04/26 04:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:59	02/04/26 04:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:59	02/04/26 04:02	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/03/26 08:59	02/04/26 04:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/03/26 08:59	02/04/26 04:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/03/26 08:59	02/04/26 04:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				02/03/26 08:59	02/04/26 04:02	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/03/26 08:59	02/04/26 04:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/04/26 04:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/26 01:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:57	02/03/26 01:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:57	02/03/26 01:07	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-39 (0-0.25')

Lab Sample ID: 880-67482-39

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:57	02/03/26 01:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130				01/28/26 14:57	02/03/26 01:07	1
o-Terphenyl (Surr)	122		70 - 130				01/28/26 14:57	02/03/26 01:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	711		49.9		mg/Kg			01/30/26 12:37	5

Client Sample ID: CS-40 (0-0.25')

Lab Sample ID: 880-67482-40

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:59	02/04/26 04:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:59	02/04/26 04:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:59	02/04/26 04:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/03/26 08:59	02/04/26 04:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/03/26 08:59	02/04/26 04:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/03/26 08:59	02/04/26 04:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				02/03/26 08:59	02/04/26 04:22	1
1,4-Difluorobenzene (Surr)	91		70 - 130				02/03/26 08:59	02/04/26 04:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/26 04:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/26 01:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 01:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 01:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 01:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130				01/28/26 14:57	02/03/26 01:22	1
o-Terphenyl (Surr)	130		70 - 130				01/28/26 14:57	02/03/26 01:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1080	F1	49.7		mg/Kg			01/30/26 12:42	5

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-41 (0-0.25')

Lab Sample ID: 880-67482-41

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/03/26 23:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/03/26 23:21	1
Ethylbenzene	<0.00200	U F2	0.00200		mg/Kg		02/03/26 09:12	02/03/26 23:21	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/03/26 09:12	02/03/26 23:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/03/26 23:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/03/26 09:12	02/03/26 23:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	02/03/26 09:12	02/03/26 23:21	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/03/26 09:12	02/03/26 23:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/03/26 23:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/26 01:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:57	02/03/26 01:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:57	02/03/26 01:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:57	02/03/26 01:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	124		70 - 130	01/28/26 14:57	02/03/26 01:37	1
o-Terphenyl (Surr)	127		70 - 130	01/28/26 14:57	02/03/26 01:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	638		49.6		mg/Kg			01/30/26 12:58	5

Client Sample ID: CS-42 (0-0.25')

Lab Sample ID: 880-67482-42

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/03/26 09:12	02/03/26 23:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/03/26 09:12	02/03/26 23:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/03/26 09:12	02/03/26 23:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/03/26 09:12	02/03/26 23:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/03/26 09:12	02/03/26 23:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/03/26 09:12	02/03/26 23:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/03/26 09:12	02/03/26 23:42	1
1,4-Difluorobenzene (Surr)	117		70 - 130	02/03/26 09:12	02/03/26 23:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-42 (0-0.25')

Lab Sample ID: 880-67482-42

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/03/26 23:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/26 01:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:57	02/03/26 01:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:57	02/03/26 01:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:57	02/03/26 01:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130				01/28/26 14:57	02/03/26 01:52	1
o-Terphenyl (Surr)	123		70 - 130				01/28/26 14:57	02/03/26 01:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	831		50.2		mg/Kg			01/30/26 13:03	5

Client Sample ID: CS-43 (0-0.25')

Lab Sample ID: 880-67482-43

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/03/26 09:12	02/04/26 00:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/03/26 09:12	02/04/26 00:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/03/26 09:12	02/04/26 00:02	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/03/26 09:12	02/04/26 00:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/03/26 09:12	02/04/26 00:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/03/26 09:12	02/04/26 00:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				02/03/26 09:12	02/04/26 00:02	1
1,4-Difluorobenzene (Surr)	101		70 - 130				02/03/26 09:12	02/04/26 00:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/04/26 00:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/26 02:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 02:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 02:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-43 (0-0.25')

Lab Sample ID: 880-67482-43

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 02:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	121		70 - 130				01/28/26 14:57	02/03/26 02:07	1
o-Terphenyl (Surr)	123		70 - 130				01/28/26 14:57	02/03/26 02:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1160		50.5		mg/Kg			01/30/26 13:19	5

Client Sample ID: CS-44 (0-0.25')

Lab Sample ID: 880-67482-44

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/03/26 09:12	02/04/26 00:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/03/26 09:12	02/04/26 00:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/03/26 09:12	02/04/26 00:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/03/26 09:12	02/04/26 00:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/03/26 09:12	02/04/26 00:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/03/26 09:12	02/04/26 00:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				02/03/26 09:12	02/04/26 00:23	1
1,4-Difluorobenzene (Surr)	90		70 - 130				02/03/26 09:12	02/04/26 00:23	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			02/04/26 00:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/03/26 02:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/28/26 14:57	02/03/26 02:22	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/28/26 14:57	02/03/26 02:22	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/28/26 14:57	02/03/26 02:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130				01/28/26 14:57	02/03/26 02:22	1
o-Terphenyl (Surr)	119		70 - 130				01/28/26 14:57	02/03/26 02:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	773		49.6		mg/Kg			01/30/26 13:24	5

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-45 (0-0.25')

Lab Sample ID: 880-67482-45

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/03/26 09:12	02/04/26 00:43	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/03/26 09:12	02/04/26 00:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/03/26 09:12	02/04/26 00:43	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/03/26 09:12	02/04/26 00:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/03/26 09:12	02/04/26 00:43	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/03/26 09:12	02/04/26 00:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/03/26 09:12	02/04/26 00:43	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/03/26 09:12	02/04/26 00:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/04/26 00:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/03/26 02:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/28/26 14:57	02/03/26 02:37	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/28/26 14:57	02/03/26 02:37	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/28/26 14:57	02/03/26 02:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	124		70 - 130	01/28/26 14:57	02/03/26 02:37	1
o-Terphenyl (Surr)	124		70 - 130	01/28/26 14:57	02/03/26 02:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	670		49.9		mg/Kg			01/30/26 13:29	5

Client Sample ID: CS-46 (0-0.25')

Lab Sample ID: 880-67482-46

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/04/26 01:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/04/26 01:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/04/26 01:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/03/26 09:12	02/04/26 01:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/04/26 01:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/03/26 09:12	02/04/26 01:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/03/26 09:12	02/04/26 01:04	1
1,4-Difluorobenzene (Surr)	97		70 - 130	02/03/26 09:12	02/04/26 01:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-46 (0-0.25')

Lab Sample ID: 880-67482-46

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/04/26 01:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/26 02:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 02:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 02:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 02:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130				01/28/26 14:57	02/03/26 02:51	1
o-Terphenyl (Surr)	128		70 - 130				01/28/26 14:57	02/03/26 02:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1190		50.0		mg/Kg			01/30/26 13:34	5

Client Sample ID: CS-47 (0-0.25')

Lab Sample ID: 880-67482-47

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/04/26 01:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/04/26 01:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/04/26 01:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/03/26 09:12	02/04/26 01:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/04/26 01:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/03/26 09:12	02/04/26 01:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/03/26 09:12	02/04/26 01:25	1
1,4-Difluorobenzene (Surr)	97		70 - 130				02/03/26 09:12	02/04/26 01:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/26 01:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/26 03:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:57	02/03/26 03:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:57	02/03/26 03:07	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-47 (0-0.25')

Lab Sample ID: 880-67482-47

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:57	02/03/26 03:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	130		70 - 130				01/28/26 14:57	02/03/26 03:07	1
o-Terphenyl (Surr)	137	S1+	70 - 130				01/28/26 14:57	02/03/26 03:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	684		49.7		mg/Kg			01/30/26 13:39	5

Client Sample ID: CS-48 (0-0.25')

Lab Sample ID: 880-67482-48

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/03/26 09:12	02/04/26 01:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/03/26 09:12	02/04/26 01:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/03/26 09:12	02/04/26 01:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/03/26 09:12	02/04/26 01:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/03/26 09:12	02/04/26 01:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/03/26 09:12	02/04/26 01:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				02/03/26 09:12	02/04/26 01:45	1
1,4-Difluorobenzene (Surr)	93		70 - 130				02/03/26 09:12	02/04/26 01:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/26 01:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/26 03:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:57	02/03/26 03:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:57	02/03/26 03:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:57	02/03/26 03:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	128		70 - 130				01/28/26 14:57	02/03/26 03:36	1
o-Terphenyl (Surr)	132	S1+	70 - 130				01/28/26 14:57	02/03/26 03:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	660		50.0		mg/Kg			01/30/26 13:45	5

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-49 (0-0.25')

Lab Sample ID: 880-67482-49

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/03/26 09:12	02/04/26 02:06	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/03/26 09:12	02/04/26 02:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/03/26 09:12	02/04/26 02:06	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/03/26 09:12	02/04/26 02:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/03/26 09:12	02/04/26 02:06	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/03/26 09:12	02/04/26 02:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	02/03/26 09:12	02/04/26 02:06	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/03/26 09:12	02/04/26 02:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/04/26 02:06	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			02/03/26 03:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 03:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 03:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 03:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	124		70 - 130	01/28/26 14:57	02/03/26 03:52	1
o-Terphenyl (Surr)	128		70 - 130	01/28/26 14:57	02/03/26 03:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1050		50.2		mg/Kg			01/30/26 13:50	5

Client Sample ID: CS-50 (0-0.25')

Lab Sample ID: 880-67482-50

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/03/26 09:12	02/04/26 02:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/03/26 09:12	02/04/26 02:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/03/26 09:12	02/04/26 02:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/03/26 09:12	02/04/26 02:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/03/26 09:12	02/04/26 02:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/03/26 09:12	02/04/26 02:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/03/26 09:12	02/04/26 02:26	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/03/26 09:12	02/04/26 02:26	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-50 (0-0.25')

Lab Sample ID: 880-67482-50

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/26 02:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/26 04:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 04:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 04:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 04:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	129		70 - 130				01/28/26 14:57	02/03/26 04:07	1
o-Terphenyl (Surr)	136	S1+	70 - 130				01/28/26 14:57	02/03/26 04:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	625		50.5		mg/Kg			01/30/26 10:24	5

Client Sample ID: CS-51 (0-0.25')

Lab Sample ID: 880-67482-51

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/03/26 09:12	02/04/26 04:01	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/03/26 09:12	02/04/26 04:01	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/03/26 09:12	02/04/26 04:01	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/03/26 09:12	02/04/26 04:01	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/03/26 09:12	02/04/26 04:01	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/03/26 09:12	02/04/26 04:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				02/03/26 09:12	02/04/26 04:01	1
1,4-Difluorobenzene (Surr)	92		70 - 130				02/03/26 09:12	02/04/26 04:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/04/26 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			02/03/26 04:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:57	02/03/26 04:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:57	02/03/26 04:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-51 (0-0.25')

Lab Sample ID: 880-67482-51

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:57	02/03/26 04:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130				01/28/26 14:57	02/03/26 04:21	1
o-Terphenyl (Surr)	125		70 - 130				01/28/26 14:57	02/03/26 04:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	701		50.4		mg/Kg			01/30/26 10:44	5

Client Sample ID: CS-52 (0-0.25')

Lab Sample ID: 880-67482-52

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/04/26 04:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/04/26 04:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/04/26 04:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/03/26 09:12	02/04/26 04:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/04/26 04:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/03/26 09:12	02/04/26 04:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				02/03/26 09:12	02/04/26 04:22	1
1,4-Difluorobenzene (Surr)	89		70 - 130				02/03/26 09:12	02/04/26 04:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/26 04:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/26 04:36	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		01/28/26 14:57	02/03/26 04:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 04:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 04:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				01/28/26 14:57	02/03/26 04:36	1
o-Terphenyl (Surr)	118		70 - 130				01/28/26 14:57	02/03/26 04:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1290		49.9		mg/Kg			01/30/26 10:51	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-53 (0-0.25')

Lab Sample ID: 880-67482-53

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/03/26 09:12	02/04/26 04:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/03/26 09:12	02/04/26 04:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/03/26 09:12	02/04/26 04:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/03/26 09:12	02/04/26 04:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/03/26 09:12	02/04/26 04:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/03/26 09:12	02/04/26 04:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/03/26 09:12	02/04/26 04:42	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/03/26 09:12	02/04/26 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			02/04/26 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			02/03/26 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	<49.9	U	49.9		mg/Kg		01/28/26 14:57	02/03/26 04:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:57	02/03/26 04:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:57	02/03/26 04:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130	01/28/26 14:57	02/03/26 04:52	1
o-Terphenyl (Surr)	124		70 - 130	01/28/26 14:57	02/03/26 04:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	769		49.8		mg/Kg			01/30/26 10:58	5

Client Sample ID: CS-54 (0-0.25')

Lab Sample ID: 880-67482-54

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/04/26 09:30	02/04/26 18:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/04/26 09:30	02/04/26 18:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/04/26 09:30	02/04/26 18:05	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/04/26 09:30	02/04/26 18:05	1
o-Xylene	0.00252		0.00198		mg/Kg		02/04/26 09:30	02/04/26 18:05	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/04/26 09:30	02/04/26 18:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	02/04/26 09:30	02/04/26 18:05	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/04/26 09:30	02/04/26 18:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-54 (0-0.25')

Lab Sample ID: 880-67482-54

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/04/26 18:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/26 05:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 05:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 05:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 05:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	128		70 - 130				01/28/26 14:57	02/03/26 05:06	1
o-Terphenyl (Surr)	134	S1+	70 - 130				01/28/26 14:57	02/03/26 05:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	626		49.6		mg/Kg			01/30/26 11:05	5

Client Sample ID: CS-55 (0-0.25')

Lab Sample ID: 880-67482-55

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:30	02/04/26 18:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:30	02/04/26 18:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:30	02/04/26 18:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 09:30	02/04/26 18:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:30	02/04/26 18:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 09:30	02/04/26 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				02/04/26 09:30	02/04/26 18:26	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/04/26 09:30	02/04/26 18:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/26 18:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/26 05:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:57	02/03/26 05:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:57	02/03/26 05:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-55 (0-0.25')

Lab Sample ID: 880-67482-55

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:57	02/03/26 05:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	124		70 - 130				01/28/26 14:57	02/03/26 05:21	1
o-Terphenyl (Surr)	126		70 - 130				01/28/26 14:57	02/03/26 05:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1290		49.9		mg/Kg			01/30/26 11:26	5

Client Sample ID: CS-56 (0-0.25')

Lab Sample ID: 880-67482-56

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 09:30	02/04/26 18:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 09:30	02/04/26 18:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/04/26 09:30	02/04/26 18:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 09:30	02/04/26 18:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 09:30	02/04/26 18:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 09:30	02/04/26 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				02/04/26 09:30	02/04/26 18:46	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/04/26 09:30	02/04/26 18:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/26 18:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/26 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	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 05:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 05:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/03/26 05:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130				01/28/26 14:57	02/03/26 05:36	1
o-Terphenyl (Surr)	131	S1+	70 - 130				01/28/26 14:57	02/03/26 05:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	681		50.4		mg/Kg			01/30/26 11:33	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-57 (0-0.25')

Lab Sample ID: 880-67482-57

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 09:30	02/04/26 19:06	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 09:30	02/04/26 19:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/04/26 09:30	02/04/26 19:06	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/04/26 09:30	02/04/26 19:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 09:30	02/04/26 19:06	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 09:30	02/04/26 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	02/04/26 09:30	02/04/26 19:06	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/04/26 09:30	02/04/26 19:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/04/26 19:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/03/26 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	<50.1	U	50.1		mg/Kg		01/28/26 14:57	02/03/26 05:51	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/28/26 14:57	02/03/26 05:51	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/28/26 14:57	02/03/26 05:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	129		70 - 130	01/28/26 14:57	02/03/26 05:51	1
o-Terphenyl (Surr)	133	S1+	70 - 130	01/28/26 14:57	02/03/26 05:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	762		50.5		mg/Kg			01/30/26 11:39	5

Client Sample ID: CS-58 (0-0.25')

Lab Sample ID: 880-67482-58

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 09:30	02/04/26 19:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 09:30	02/04/26 19:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/04/26 09:30	02/04/26 19:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 09:30	02/04/26 19:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 09:30	02/04/26 19:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 09:30	02/04/26 19:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	02/04/26 09:30	02/04/26 19:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/04/26 09:30	02/04/26 19:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-58 (0-0.25')

Lab Sample ID: 880-67482-58

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/26 19:27	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			01/31/26 19:03	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		01/28/26 14:57	01/31/26 19:03	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/28/26 14:57	01/31/26 19:03	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/28/26 14:57	01/31/26 19:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130				01/28/26 14:57	01/31/26 19:03	1
o-Terphenyl (Surr)	116		70 - 130				01/28/26 14:57	01/31/26 19:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1240		49.8		mg/Kg			01/30/26 11:46	5

Client Sample ID: CS-59 (0-0.25')

Lab Sample ID: 880-67482-59

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/04/26 09:30	02/04/26 19:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/04/26 09:30	02/04/26 19:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/04/26 09:30	02/04/26 19:48	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/04/26 09:30	02/04/26 19:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/04/26 09:30	02/04/26 19:48	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/04/26 09:30	02/04/26 19:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				02/04/26 09:30	02/04/26 19:48	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/04/26 09:30	02/04/26 19:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/04/26 19:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/26 19:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 19:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 19:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-59 (0-0.25')

Lab Sample ID: 880-67482-59

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 19:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130				01/28/26 14:57	01/31/26 19:47	1
o-Terphenyl (Surr)	124		70 - 130				01/28/26 14:57	01/31/26 19:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	580		49.6		mg/Kg			01/30/26 11:53	5

Client Sample ID: CS-60 (0-0.25')

Lab Sample ID: 880-67482-60

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:30	02/04/26 20:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:30	02/04/26 20:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:30	02/04/26 20:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 09:30	02/04/26 20:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:30	02/04/26 20:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 09:30	02/04/26 20:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				02/04/26 09:30	02/04/26 20:08	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/04/26 09:30	02/04/26 20:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/26 20:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/31/26 20:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:57	01/31/26 20:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:57	01/31/26 20:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:57	01/31/26 20:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130				01/28/26 14:57	01/31/26 20:02	1
o-Terphenyl (Surr)	124		70 - 130				01/28/26 14:57	01/31/26 20:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	708		49.7		mg/Kg			01/30/26 12:00	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-61 (0-0.25')

Lab Sample ID: 880-67482-61

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		02/04/26 12:20	02/04/26 23:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/04/26 23:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/04/26 23:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 12:20	02/04/26 23:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/04/26 23:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:20	02/04/26 23:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	02/04/26 12:20	02/04/26 23:33	1
1,4-Difluorobenzene (Surr)	107		70 - 130	02/04/26 12:20	02/04/26 23:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/26 23:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/26 20:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 20:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 20:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 20:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130	01/28/26 14:57	01/31/26 20:17	1
o-Terphenyl (Surr)	128		70 - 130	01/28/26 14:57	01/31/26 20:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	708		49.5		mg/Kg			01/30/26 12:21	5

Client Sample ID: CS-62 (0-0.25')

Lab Sample ID: 880-67482-62

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:20	02/04/26 23:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:20	02/04/26 23:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:20	02/04/26 23:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 12:20	02/04/26 23:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:20	02/04/26 23:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:20	02/04/26 23:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	02/04/26 12:20	02/04/26 23:54	1
1,4-Difluorobenzene (Surr)	115		70 - 130	02/04/26 12:20	02/04/26 23:54	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-62 (0-0.25')

Lab Sample ID: 880-67482-62

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/26 23:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/31/26 20:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:57	01/31/26 20:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:57	01/31/26 20:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:57	01/31/26 20:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130				01/28/26 14:57	01/31/26 20:32	1
o-Terphenyl (Surr)	125		70 - 130				01/28/26 14:57	01/31/26 20:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	520		49.6		mg/Kg			01/30/26 12:28	5

Client Sample ID: CS-63 (0-0.25')

Lab Sample ID: 880-67482-63

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:20	02/05/26 00:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:20	02/05/26 00:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:20	02/05/26 00:14	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/04/26 12:20	02/05/26 00:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:20	02/05/26 00:14	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 12:20	02/05/26 00:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				02/04/26 12:20	02/05/26 00:14	1
1,4-Difluorobenzene (Surr)	106		70 - 130				02/04/26 12:20	02/05/26 00:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/05/26 00:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/31/26 20:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:57	01/31/26 20:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:57	01/31/26 20:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-63 (0-0.25')

Lab Sample ID: 880-67482-63

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:57	01/31/26 20:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130				01/28/26 14:57	01/31/26 20:46	1
o-Terphenyl (Surr)	119		70 - 130				01/28/26 14:57	01/31/26 20:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1330		49.8		mg/Kg			01/30/26 12:48	5

Client Sample ID: CS-64 (0-0.25')

Lab Sample ID: 880-67482-64

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:20	02/05/26 00:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:20	02/05/26 00:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:20	02/05/26 00:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 12:20	02/05/26 00:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:20	02/05/26 00:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:20	02/05/26 00:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				02/04/26 12:20	02/05/26 00:35	1
1,4-Difluorobenzene (Surr)	93		70 - 130				02/04/26 12:20	02/05/26 00:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/05/26 00:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/31/26 21:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:57	01/31/26 21:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:57	01/31/26 21:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:57	01/31/26 21:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130				01/28/26 14:57	01/31/26 21:01	1
o-Terphenyl (Surr)	124		70 - 130				01/28/26 14:57	01/31/26 21:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	751		50.2		mg/Kg			01/30/26 12:55	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-65 (0-0.25')

Lab Sample ID: 880-67482-65

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:20	02/05/26 00:55	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:20	02/05/26 00:55	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:20	02/05/26 00:55	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/04/26 12:20	02/05/26 00:55	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:20	02/05/26 00:55	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/04/26 12:20	02/05/26 00:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	02/04/26 12:20	02/05/26 00:55	1
1,4-Difluorobenzene (Surr)	111		70 - 130	02/04/26 12:20	02/05/26 00:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/05/26 00:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/31/26 21:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 21:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 21:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 21:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130	01/28/26 14:57	01/31/26 21:16	1
o-Terphenyl (Surr)	130		70 - 130	01/28/26 14:57	01/31/26 21:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	674		50.5		mg/Kg			01/30/26 13:02	5

Client Sample ID: CS-66 (0-0.25')

Lab Sample ID: 880-67482-66

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 01:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 01:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 01:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 12:20	02/05/26 01:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 01:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:20	02/05/26 01:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	02/04/26 12:20	02/05/26 01:16	1
1,4-Difluorobenzene (Surr)	84		70 - 130	02/04/26 12:20	02/05/26 01:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-66 (0-0.25')

Lab Sample ID: 880-67482-66

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/05/26 01:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/31/26 21:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:57	01/31/26 21:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:57	01/31/26 21:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:57	01/31/26 21:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130				01/28/26 14:57	01/31/26 21:30	1
o-Terphenyl (Surr)	121		70 - 130				01/28/26 14:57	01/31/26 21:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1150		49.7		mg/Kg			01/30/26 13:09	5

Client Sample ID: CS-67 (0-0.25')

Lab Sample ID: 880-67482-67

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:20	02/05/26 01:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:20	02/05/26 01:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:20	02/05/26 01:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 12:20	02/05/26 01:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:20	02/05/26 01:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:20	02/05/26 01:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130				02/04/26 12:20	02/05/26 01:36	1
1,4-Difluorobenzene (Surr)	106		70 - 130				02/04/26 12:20	02/05/26 01:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/05/26 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	<50.4	U	50.4		mg/Kg			01/31/26 21:45	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	<50.4	U	50.4		mg/Kg		01/28/26 14:57	01/31/26 21:45	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/28/26 14:57	01/31/26 21:45	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-67 (0-0.25')

Lab Sample ID: 880-67482-67

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/28/26 14:57	01/31/26 21:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130				01/28/26 14:57	01/31/26 21:45	1
o-Terphenyl (Surr)	121		70 - 130				01/28/26 14:57	01/31/26 21:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	640		49.9		mg/Kg			01/30/26 13:16	5

Client Sample ID: CS-68 (0-0.25')

Lab Sample ID: 880-67482-68

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 01:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 01:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 01:57	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/04/26 12:20	02/05/26 01:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 01:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/04/26 12:20	02/05/26 01:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				02/04/26 12:20	02/05/26 01:57	1
1,4-Difluorobenzene (Surr)	104		70 - 130				02/04/26 12:20	02/05/26 01:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/05/26 01:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/31/26 22:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/28/26 14:57	01/31/26 22:14	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/28/26 14:57	01/31/26 22:14	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/28/26 14:57	01/31/26 22:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130				01/28/26 14:57	01/31/26 22:14	1
o-Terphenyl (Surr)	123		70 - 130				01/28/26 14:57	01/31/26 22:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	758		50.4		mg/Kg			01/30/26 13:23	5

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-69 (0-0.25')

Lab Sample ID: 880-67482-69

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:20	02/05/26 02:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:20	02/05/26 02:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:20	02/05/26 02:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 12:20	02/05/26 02:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:20	02/05/26 02:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:20	02/05/26 02:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	02/04/26 12:20	02/05/26 02:17	1
1,4-Difluorobenzene (Surr)	106		70 - 130	02/04/26 12:20	02/05/26 02:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/05/26 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	<50.1	U	50.1		mg/Kg			01/31/26 22:29	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	<50.1	U	50.1		mg/Kg		01/28/26 14:57	01/31/26 22:29	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/28/26 14:57	01/31/26 22:29	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/28/26 14:57	01/31/26 22:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130	01/28/26 14:57	01/31/26 22:29	1
o-Terphenyl (Surr)	120		70 - 130	01/28/26 14:57	01/31/26 22:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	883		49.8		mg/Kg			01/30/26 13:30	5

Client Sample ID: CS-70 (0-0.25')

Lab Sample ID: 880-67482-70

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 02:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 02:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 02:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 12:20	02/05/26 02:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 02:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:20	02/05/26 02:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130	02/04/26 12:20	02/05/26 02:38	1
1,4-Difluorobenzene (Surr)	107		70 - 130	02/04/26 12:20	02/05/26 02:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-70 (0-0.25')

Lab Sample ID: 880-67482-70

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/05/26 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	<50.0	U	50.0		mg/Kg			01/31/26 22:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 22:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 22:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 22:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130				01/28/26 14:57	01/31/26 22:45	1
o-Terphenyl (Surr)	119		70 - 130				01/28/26 14:57	01/31/26 22:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	649	F1	49.8		mg/Kg			01/30/26 11:14	5

Client Sample ID: CS-71 (0-0.25')

Lab Sample ID: 880-67482-71

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:20	02/05/26 04:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:20	02/05/26 04:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:20	02/05/26 04:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 12:20	02/05/26 04:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:20	02/05/26 04:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:20	02/05/26 04:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130				02/04/26 12:20	02/05/26 04:11	1
1,4-Difluorobenzene (Surr)	109		70 - 130				02/04/26 12:20	02/05/26 04:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/05/26 04:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.7		50.0		mg/Kg			01/31/26 22:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 22:59	1
Diesel Range Organics (Over C10-C28)	50.7		50.0		mg/Kg		01/28/26 14:57	01/31/26 22:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-71 (0-0.25')

Lab Sample ID: 880-67482-71

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 22:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				01/28/26 14:57	01/31/26 22:59	1
o-Terphenyl (Surr)	119		70 - 130				01/28/26 14:57	01/31/26 22:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		49.6		mg/Kg			01/30/26 11:30	5

Client Sample ID: CS-72 (0-0.25')

Lab Sample ID: 880-67482-72

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:20	02/05/26 04:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:20	02/05/26 04:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:20	02/05/26 04:32	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/04/26 12:20	02/05/26 04:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:20	02/05/26 04:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 12:20	02/05/26 04:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				02/04/26 12:20	02/05/26 04:32	1
1,4-Difluorobenzene (Surr)	109		70 - 130				02/04/26 12:20	02/05/26 04:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/05/26 04:32	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			01/31/26 23:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 23:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 23:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 23:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130				01/28/26 14:57	01/31/26 23:14	1
o-Terphenyl (Surr)	115		70 - 130				01/28/26 14:57	01/31/26 23:14	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			01/30/26 11:37	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-73 (0-0.25')

Lab Sample ID: 880-67482-73

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:20	02/05/26 04:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:20	02/05/26 04:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:20	02/05/26 04:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 12:20	02/05/26 04:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:20	02/05/26 04:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:20	02/05/26 04:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	02/04/26 12:20	02/05/26 04:52	1
1,4-Difluorobenzene (Surr)	106		70 - 130	02/04/26 12:20	02/05/26 04:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/05/26 04:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/31/26 23:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:57	01/31/26 23:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:57	01/31/26 23:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:57	01/31/26 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130	01/28/26 14:57	01/31/26 23:29	1
o-Terphenyl (Surr)	124		70 - 130	01/28/26 14:57	01/31/26 23:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	405		49.6		mg/Kg			01/30/26 11:44	5

Client Sample ID: CS-74 (0-0.25')

Lab Sample ID: 880-67482-74

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:20	02/05/26 05:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:20	02/05/26 05:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:20	02/05/26 05:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/04/26 12:20	02/05/26 05:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:20	02/05/26 05:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/04/26 12:20	02/05/26 05:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130	02/04/26 12:20	02/05/26 05:13	1
1,4-Difluorobenzene (Surr)	83		70 - 130	02/04/26 12:20	02/05/26 05:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-74 (0-0.25')

Lab Sample ID: 880-67482-74

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/05/26 05:13	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			01/31/26 23:43	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		01/28/26 14:57	01/31/26 23:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 23:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 23:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130				01/28/26 14:57	01/31/26 23:43	1
o-Terphenyl (Surr)	125		70 - 130				01/28/26 14:57	01/31/26 23:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1640		49.9		mg/Kg			01/30/26 11:58	5

Client Sample ID: CS-75 (0-0.25')

Lab Sample ID: 880-67482-75

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 05:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 05:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 05:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/04/26 12:20	02/05/26 05:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 05:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 12:20	02/05/26 05:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130				02/04/26 12:20	02/05/26 05:33	1
1,4-Difluorobenzene (Surr)	110		70 - 130				02/04/26 12:20	02/05/26 05:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/05/26 05:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/31/26 23:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:57	01/31/26 23:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:57	01/31/26 23:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-75 (0-0.25')

Lab Sample ID: 880-67482-75

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:57	01/31/26 23:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				01/28/26 14:57	01/31/26 23:58	1
o-Terphenyl (Surr)	121		70 - 130				01/28/26 14:57	01/31/26 23:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1430		50.2		mg/Kg			01/30/26 12:19	5

Client Sample ID: CS-76 (0-0.25')

Lab Sample ID: 880-67482-76

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 05:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 05:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 05:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 12:20	02/05/26 05:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 05:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:20	02/05/26 05:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				02/04/26 12:20	02/05/26 05:53	1
1,4-Difluorobenzene (Surr)	113		70 - 130				02/04/26 12:20	02/05/26 05:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/05/26 05:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/01/26 00:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/01/26 00:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/01/26 00:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/01/26 00:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				01/28/26 14:57	02/01/26 00:13	1
o-Terphenyl (Surr)	122		70 - 130				01/28/26 14:57	02/01/26 00:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	414		50.5		mg/Kg			01/30/26 12:26	5

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-77 (0-0.25')

Lab Sample ID: 880-67482-77

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:20	02/05/26 06:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:20	02/05/26 06:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:20	02/05/26 06:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 12:20	02/05/26 06:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:20	02/05/26 06:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:20	02/05/26 06:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	02/04/26 12:20	02/05/26 06:14	1
1,4-Difluorobenzene (Surr)	111		70 - 130	02/04/26 12:20	02/05/26 06:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/05/26 06:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.3		50.1		mg/Kg			02/01/26 00:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/28/26 14:57	02/01/26 00:27	1
Diesel Range Organics (Over C10-C28)	52.3		50.1		mg/Kg		01/28/26 14:57	02/01/26 00:27	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/28/26 14:57	02/01/26 00:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130	01/28/26 14:57	02/01/26 00:27	1
o-Terphenyl (Surr)	118		70 - 130	01/28/26 14:57	02/01/26 00:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1450		49.7		mg/Kg			01/30/26 12:33	5

Client Sample ID: CS-78 (0-0.25')

Lab Sample ID: 880-67482-78

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:20	02/05/26 06:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:20	02/05/26 06:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:20	02/05/26 06:34	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/04/26 12:20	02/05/26 06:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:20	02/05/26 06:34	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 12:20	02/05/26 06:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	02/04/26 12:20	02/05/26 06:34	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/04/26 12:20	02/05/26 06:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-78 (0-0.25')

Lab Sample ID: 880-67482-78

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/05/26 06:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/03/26 00:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/28/26 14:58	02/03/26 00:22	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/28/26 14:58	02/03/26 00:22	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/28/26 14:58	02/03/26 00:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				01/28/26 14:58	02/03/26 00:22	1
o-Terphenyl (Surr)	106		70 - 130				01/28/26 14:58	02/03/26 00:22	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			01/30/26 12:40	5

Client Sample ID: CS-79 (0-0.25')

Lab Sample ID: 880-67482-79

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:20	02/05/26 06:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:20	02/05/26 06:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:20	02/05/26 06:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 12:20	02/05/26 06:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:20	02/05/26 06:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:20	02/05/26 06:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				02/04/26 12:20	02/05/26 06:55	1
1,4-Difluorobenzene (Surr)	106		70 - 130				02/04/26 12:20	02/05/26 06:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/05/26 06:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/26 01:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/03/26 01:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/03/26 01:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-79 (0-0.25')

Lab Sample ID: 880-67482-79

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/03/26 01:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				01/28/26 14:58	02/03/26 01:07	1
o-Terphenyl (Surr)	104		70 - 130				01/28/26 14:58	02/03/26 01:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	424		50.4		mg/Kg			01/30/26 12:46	5

Client Sample ID: CS-80 (0-0.25')

Lab Sample ID: 880-67482-80

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 07:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 07:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 07:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/04/26 12:20	02/05/26 07:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/05/26 07:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 12:20	02/05/26 07:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				02/04/26 12:20	02/05/26 07:15	1
1,4-Difluorobenzene (Surr)	87		70 - 130				02/04/26 12:20	02/05/26 07:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/05/26 07:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/26 01:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/03/26 01:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/03/26 01:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/03/26 01:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				01/28/26 14:58	02/03/26 01:22	1
o-Terphenyl (Surr)	98		70 - 130				01/28/26 14:58	02/03/26 01:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1610	F1	50.1		mg/Kg			01/30/26 12:53	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-81 (0-0.25')

Lab Sample ID: 880-67482-81

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		02/04/26 12:11	02/04/26 14:32	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		02/04/26 12:11	02/04/26 14:32	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		02/04/26 12:11	02/04/26 14:32	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		02/04/26 12:11	02/04/26 14:32	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		02/04/26 12:11	02/04/26 14:32	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		02/04/26 12:11	02/04/26 14:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/04/26 12:11	02/04/26 14:32	1
1,4-Difluorobenzene (Surr)	104		70 - 130	02/04/26 12:11	02/04/26 14:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/26 14:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/26 01:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/03/26 01:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/03/26 01:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/03/26 01:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130	01/28/26 14:58	02/03/26 01:37	1
o-Terphenyl (Surr)	104		70 - 130	01/28/26 14:58	02/03/26 01:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1330		50.4		mg/Kg			01/30/26 13:14	5

Client Sample ID: CS-82 (0-0.25')

Lab Sample ID: 880-67482-82

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:11	02/04/26 14:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:11	02/04/26 14:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:11	02/04/26 14:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 12:11	02/04/26 14:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:11	02/04/26 14:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:11	02/04/26 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/04/26 12:11	02/04/26 14:52	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/04/26 12:11	02/04/26 14:52	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-82 (0-0.25')

Lab Sample ID: 880-67482-82

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/26 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/03/26 01:52	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	<50.4	U	50.4		mg/Kg		01/28/26 14:58	02/03/26 01:52	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/28/26 14:58	02/03/26 01:52	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/28/26 14:58	02/03/26 01:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				01/28/26 14:58	02/03/26 01:52	1
o-Terphenyl (Surr)	108		70 - 130				01/28/26 14:58	02/03/26 01:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	419		49.6		mg/Kg			01/30/26 13:21	5

Client Sample ID: CS-83 (0-0.25')

Lab Sample ID: 880-67482-83

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:11	02/04/26 15:45	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:11	02/04/26 15:45	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:11	02/04/26 15:45	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/04/26 12:11	02/04/26 15:45	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:11	02/04/26 15:45	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 12:11	02/04/26 15:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				02/04/26 12:11	02/04/26 15:45	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/04/26 12:11	02/04/26 15:45	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			02/04/26 15:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	294		50.4		mg/Kg			02/03/26 02:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/28/26 14:58	02/03/26 02:07	1
Diesel Range Organics (Over C10-C28)	172		50.4		mg/Kg		01/28/26 14:58	02/03/26 02:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-83 (0-0.25')

Lab Sample ID: 880-67482-83

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	122		50.4		mg/Kg		01/28/26 14:58	02/03/26 02:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				01/28/26 14:58	02/03/26 02:07	1
o-Terphenyl (Surr)	103		70 - 130				01/28/26 14:58	02/03/26 02:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1500		49.9		mg/Kg			01/30/26 13:42	5

Client Sample ID: CS-84 (0-0.25')

Lab Sample ID: 880-67482-84

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:11	02/04/26 16:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:11	02/04/26 16:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:11	02/04/26 16:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 12:11	02/04/26 16:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:11	02/04/26 16:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:11	02/04/26 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				02/04/26 12:11	02/04/26 16:06	1
1,4-Difluorobenzene (Surr)	93		70 - 130				02/04/26 12:11	02/04/26 16:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/26 16:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	131		49.9		mg/Kg			02/03/26 02:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/03/26 02:22	1
Diesel Range Organics (Over C10-C28)	74.7		49.9		mg/Kg		01/28/26 14:58	02/03/26 02:22	1
Oil Range Organics (Over C28-C36)	56.1		49.9		mg/Kg		01/28/26 14:58	02/03/26 02:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130				01/28/26 14:58	02/03/26 02:22	1
o-Terphenyl (Surr)	117		70 - 130				01/28/26 14:58	02/03/26 02:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1430		49.7		mg/Kg			01/30/26 14:05	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-85 (0-0.25')

Lab Sample ID: 880-67482-85

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:11	02/04/26 16:26	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:11	02/04/26 16:26	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:11	02/04/26 16:26	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/04/26 12:11	02/04/26 16:26	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:11	02/04/26 16:26	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/04/26 12:11	02/04/26 16:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	02/04/26 12:11	02/04/26 16:26	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/04/26 12:11	02/04/26 16:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/04/26 16:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.9		50.0		mg/Kg			02/03/26 02:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/03/26 02:37	1
Diesel Range Organics (Over C10-C28)	50.9		50.0		mg/Kg		01/28/26 14:58	02/03/26 02:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/03/26 02:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130	01/28/26 14:58	02/03/26 02:37	1
o-Terphenyl (Surr)	112		70 - 130	01/28/26 14:58	02/03/26 02:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1350		49.8		mg/Kg			01/30/26 13:51	5

Client Sample ID: CS-86 (0-0.25')

Lab Sample ID: 880-67482-86

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 16:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 16:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 16:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 12:11	02/04/26 16:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 16:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:11	02/04/26 16:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	02/04/26 12:11	02/04/26 16:47	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/04/26 12:11	02/04/26 16:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-86 (0-0.25')

Lab Sample ID: 880-67482-86

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/26 16:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/26 02:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/03/26 02:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/03/26 02:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/03/26 02:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				01/28/26 14:58	02/03/26 02:51	1
o-Terphenyl (Surr)	106		70 - 130				01/28/26 14:58	02/03/26 02:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	423		50.0		mg/Kg			01/30/26 13:58	5

Client Sample ID: CS-87 (0-0.25')

Lab Sample ID: 880-67482-87

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:11	02/04/26 17:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:11	02/04/26 17:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:11	02/04/26 17:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 12:11	02/04/26 17:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:11	02/04/26 17:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:11	02/04/26 17:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				02/04/26 12:11	02/04/26 17:07	1
1,4-Difluorobenzene (Surr)	102		70 - 130				02/04/26 12:11	02/04/26 17:07	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			02/04/26 17:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	60.2		49.9		mg/Kg			02/03/26 03:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/03/26 03:07	1
Diesel Range Organics (Over C10-C28)	60.2		49.9		mg/Kg		01/28/26 14:58	02/03/26 03:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-87 (0-0.25')

Lab Sample ID: 880-67482-87

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/03/26 03:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130				01/28/26 14:58	02/03/26 03:07	1
o-Terphenyl (Surr)	110		70 - 130				01/28/26 14:58	02/03/26 03:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1460		49.5		mg/Kg			01/30/26 14:12	5

Client Sample ID: CS-88 (0-0.25')

Lab Sample ID: 880-67482-88

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 17:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 17:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 17:28	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/04/26 12:11	02/04/26 17:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 17:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/04/26 12:11	02/04/26 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				02/04/26 12:11	02/04/26 17:28	1
1,4-Difluorobenzene (Surr)	90		70 - 130				02/04/26 12:11	02/04/26 17:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/04/26 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	66.9		50.0		mg/Kg			02/03/26 03:36	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		01/28/26 14:58	02/03/26 03:36	1
Diesel Range Organics (Over C10-C28)	66.9		50.0		mg/Kg		01/28/26 14:58	02/03/26 03:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/03/26 03:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				01/28/26 14:58	02/03/26 03:36	1
o-Terphenyl (Surr)	107		70 - 130				01/28/26 14:58	02/03/26 03:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1360		50.0		mg/Kg			01/30/26 14:19	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-89 (0-0.25')

Lab Sample ID: 880-67482-89

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:11	02/04/26 17:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:11	02/04/26 17:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:11	02/04/26 17:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 12:11	02/04/26 17:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:11	02/04/26 17:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:11	02/04/26 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	02/04/26 12:11	02/04/26 17:48	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/04/26 12:11	02/04/26 17:48	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			02/04/26 17:48	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			02/03/26 03:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/03/26 03:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/03/26 03:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/03/26 03:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130	01/28/26 14:58	02/03/26 03:52	1
o-Terphenyl (Surr)	108		70 - 130	01/28/26 14:58	02/03/26 03:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	404		50.4		mg/Kg			01/30/26 14:25	5

Client Sample ID: CS-90 (0-0.25')

Lab Sample ID: 880-67482-90

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 18:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 18:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 18:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 12:11	02/04/26 18:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 18:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:11	02/04/26 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	02/04/26 12:11	02/04/26 18:09	1
1,4-Difluorobenzene (Surr)	90		70 - 130	02/04/26 12:11	02/04/26 18:09	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-90 (0-0.25')

Lab Sample ID: 880-67482-90

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/26 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	157		49.8		mg/Kg			02/03/26 04:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/03/26 04:07	1
Diesel Range Organics (Over C10-C28)	90.7		49.8		mg/Kg		01/28/26 14:58	02/03/26 04:07	1
Oil Range Organics (Over C28-C36)	66.0		49.8		mg/Kg		01/28/26 14:58	02/03/26 04:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				01/28/26 14:58	02/03/26 04:07	1
o-Terphenyl (Surr)	105		70 - 130				01/28/26 14:58	02/03/26 04:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1190	F1	50.4		mg/Kg			01/30/26 17:35	5

Client Sample ID: CS-91 (0-0.25')

Lab Sample ID: 880-67482-91

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:11	02/04/26 19:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:11	02/04/26 19:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:11	02/04/26 19:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 12:11	02/04/26 19:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:11	02/04/26 19:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:11	02/04/26 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				02/04/26 12:11	02/04/26 19:42	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/04/26 12:11	02/04/26 19:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/26 19:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/26 04:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/03/26 04:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-91 (0-0.25')

Lab Sample ID: 880-67482-91

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/03/26 04:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/03/26 04:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				01/28/26 14:58	02/03/26 04:21	1
o-Terphenyl (Surr)	108		70 - 130				01/28/26 14:58	02/03/26 04:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1020		50.2		mg/Kg			01/30/26 17:51	5

Client Sample ID: CS-92 (0-0.25')

Lab Sample ID: 880-67482-92

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:11	02/04/26 20:03	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:11	02/04/26 20:03	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:11	02/04/26 20:03	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/04/26 12:11	02/04/26 20:03	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:11	02/04/26 20:03	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 12:11	02/04/26 20:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				02/04/26 12:11	02/04/26 20:03	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/04/26 12:11	02/04/26 20:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/04/26 20:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/26 04:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/03/26 04:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/03/26 04:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/03/26 04:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130				01/28/26 14:58	02/03/26 04:36	1
o-Terphenyl (Surr)	122		70 - 130				01/28/26 14:58	02/03/26 04:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	342		50.5		mg/Kg			01/30/26 17:56	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-93 (0-0.25')

Lab Sample ID: 880-67482-93

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:11	02/04/26 20:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:11	02/04/26 20:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:11	02/04/26 20:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 12:11	02/04/26 20:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:11	02/04/26 20:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:11	02/04/26 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/04/26 12:11	02/04/26 20:23	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/04/26 12:11	02/04/26 20:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/26 20:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	218		50.0		mg/Kg			02/03/26 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	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/03/26 04:52	1
Diesel Range Organics (Over C10-C28)	129		50.0		mg/Kg		01/28/26 14:58	02/03/26 04:52	1
Oil Range Organics (Over C28-C36)	88.9		50.0		mg/Kg		01/28/26 14:58	02/03/26 04:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	151	S1+	70 - 130	01/28/26 14:58	02/03/26 04:52	1
o-Terphenyl (Surr)	141	S1+	70 - 130	01/28/26 14:58	02/03/26 04:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	779		49.8		mg/Kg			01/30/26 18:01	5

Client Sample ID: CS-94 (0-0.25')

Lab Sample ID: 880-67482-94

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:11	02/04/26 20:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:11	02/04/26 20:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:11	02/04/26 20:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/04/26 12:11	02/04/26 20:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:11	02/04/26 20:44	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/04/26 12:11	02/04/26 20:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/04/26 12:11	02/04/26 20:44	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/04/26 12:11	02/04/26 20:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-94 (0-0.25')

Lab Sample ID: 880-67482-94

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/04/26 20:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	55.2		49.8		mg/Kg			02/03/26 05:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/03/26 05:06	1
Diesel Range Organics (Over C10-C28)	55.2		49.8		mg/Kg		01/28/26 14:58	02/03/26 05:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/03/26 05:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				01/28/26 14:58	02/03/26 05:06	1
o-Terphenyl (Surr)	103		70 - 130				01/28/26 14:58	02/03/26 05:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1170		49.6		mg/Kg			01/30/26 18:07	5

Client Sample ID: CS-95 (0-0.25')

Lab Sample ID: 880-67482-95

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 21:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 21:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 21:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/04/26 12:11	02/04/26 21:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 21:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 12:11	02/04/26 21:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				02/04/26 12:11	02/04/26 21:04	1
1,4-Difluorobenzene (Surr)	101		70 - 130				02/04/26 12:11	02/04/26 21:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/04/26 21:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/26 05:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/03/26 05:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/03/26 05:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-95 (0-0.25')

Lab Sample ID: 880-67482-95

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/03/26 05:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				01/28/26 14:58	02/03/26 05:21	1
o-Terphenyl (Surr)	110		70 - 130				01/28/26 14:58	02/03/26 05:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	327		49.7		mg/Kg			01/30/26 18:22	5

Client Sample ID: CS-96 (0-0.25')

Lab Sample ID: 880-67482-96

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 21:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 21:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 21:24	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 12:11	02/04/26 21:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 21:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:11	02/04/26 21:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				02/04/26 12:11	02/04/26 21:24	1
1,4-Difluorobenzene (Surr)	97		70 - 130				02/04/26 12:11	02/04/26 21:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/26 21:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	228		49.6		mg/Kg			02/03/26 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	<49.6	U	49.6		mg/Kg		01/28/26 14:58	02/03/26 05:36	1
Diesel Range Organics (Over C10-C28)	130		49.6		mg/Kg		01/28/26 14:58	02/03/26 05:36	1
Oil Range Organics (Over C28-C36)	98.4		49.6		mg/Kg		01/28/26 14:58	02/03/26 05:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130				01/28/26 14:58	02/03/26 05:36	1
o-Terphenyl (Surr)	101		70 - 130				01/28/26 14:58	02/03/26 05:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1150		49.8		mg/Kg			01/30/26 18:28	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-97 (0-0.25')

Lab Sample ID: 880-67482-97

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:11	02/04/26 21:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:11	02/04/26 21:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:11	02/04/26 21:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 12:11	02/04/26 21:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:11	02/04/26 21:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:11	02/04/26 21:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	02/04/26 12:11	02/04/26 21:45	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/04/26 12:11	02/04/26 21:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/26 21:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	151		50.1		mg/Kg			02/03/26 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	<50.1	U	50.1		mg/Kg		01/28/26 14:58	02/03/26 05:51	1
Diesel Range Organics (Over C10-C28)	82.8		50.1		mg/Kg		01/28/26 14:58	02/03/26 05:51	1
Oil Range Organics (Over C28-C36)	68.0		50.1		mg/Kg		01/28/26 14:58	02/03/26 05:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	01/28/26 14:58	02/03/26 05:51	1
o-Terphenyl (Surr)	102		70 - 130	01/28/26 14:58	02/03/26 05:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1040		50.2		mg/Kg			01/30/26 18:33	5

Client Sample ID: CS-98 (0-0.25')

Lab Sample ID: 880-67482-98

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:11	02/04/26 22:06	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:11	02/04/26 22:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:11	02/04/26 22:06	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/04/26 12:11	02/04/26 22:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:11	02/04/26 22:06	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 12:11	02/04/26 22:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	02/04/26 12:11	02/04/26 22:06	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/04/26 12:11	02/04/26 22:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-98 (0-0.25')

Lab Sample ID: 880-67482-98

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/04/26 22:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/02/26 17:36	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	<50.4	U	50.4		mg/Kg		01/28/26 14:58	02/02/26 17:36	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/28/26 14:58	02/02/26 17:36	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/28/26 14:58	02/02/26 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130				01/28/26 14:58	02/02/26 17:36	1
o-Terphenyl (Surr)	126		70 - 130				01/28/26 14:58	02/02/26 17:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000		50.5		mg/Kg			01/30/26 18:38	5

Client Sample ID: CS-99 (0-0.25')

Lab Sample ID: 880-67482-99

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:11	02/04/26 22:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:11	02/04/26 22:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:11	02/04/26 22:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 12:11	02/04/26 22:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:11	02/04/26 22:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:11	02/04/26 22:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				02/04/26 12:11	02/04/26 22:26	1
1,4-Difluorobenzene (Surr)	103		70 - 130				02/04/26 12:11	02/04/26 22:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/26 22:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/26 18:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 18:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 18:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-99 (0-0.25')

Lab Sample ID: 880-67482-99

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 18:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	133	S1+	70 - 130				01/28/26 14:58	02/02/26 18:24	1
o-Terphenyl (Surr)	138	S1+	70 - 130				01/28/26 14:58	02/02/26 18:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	378		49.8		mg/Kg			01/30/26 18:43	5

Client Sample ID: CS-100 (0-0.25')

Lab Sample ID: 880-67482-100

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 22:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 22:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 22:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/04/26 12:11	02/04/26 22:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 22:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 12:11	02/04/26 22:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				02/04/26 12:11	02/04/26 22:46	1
1,4-Difluorobenzene (Surr)	91		70 - 130				02/04/26 12:11	02/04/26 22:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/04/26 22:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/26 18:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 18:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 18:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130				01/28/26 14:58	02/02/26 18:40	1
o-Terphenyl (Surr)	134	S1+	70 - 130				01/28/26 14:58	02/02/26 18:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	972	F1	49.7		mg/Kg			01/30/26 18:49	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-101 (0-0.25')

Lab Sample ID: 880-67482-101

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 14:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 14:35	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		02/04/26 12:10	02/04/26 14:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 12:10	02/04/26 14:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 14:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:10	02/04/26 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/04/26 12:10	02/04/26 14:35	1
1,4-Difluorobenzene (Surr)	90		70 - 130	02/04/26 12:10	02/04/26 14:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/26 14:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/26 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 18:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 18:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	133	S1+	70 - 130	01/28/26 14:58	02/02/26 18:54	1
o-Terphenyl (Surr)	133	S1+	70 - 130	01/28/26 14:58	02/02/26 18:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	838		49.9		mg/Kg			01/30/26 19:04	5

Client Sample ID: CS-102 (0-0.25')

Lab Sample ID: 880-67482-102

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:10	02/04/26 14:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:10	02/04/26 14:56	1
Ethylbenzene	<0.00201	U *- *1	0.00201		mg/Kg		02/04/26 12:10	02/04/26 14:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 12:10	02/04/26 14:56	1
o-Xylene	0.00225		0.00201		mg/Kg		02/04/26 12:10	02/04/26 14:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:10	02/04/26 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	02/04/26 12:10	02/04/26 14:56	1
1,4-Difluorobenzene (Surr)	88		70 - 130	02/04/26 12:10	02/04/26 14:56	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-102 (0-0.25')

Lab Sample ID: 880-67482-102

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/26 14:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/26 19:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 19:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 19:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 19:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	128		70 - 130				01/28/26 14:58	02/02/26 19:09	1
o-Terphenyl (Surr)	140	S1+	70 - 130				01/28/26 14:58	02/02/26 19:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	335		50.0		mg/Kg			01/30/26 19:09	5

Client Sample ID: CS-103 (0-0.25')

Lab Sample ID: 880-67482-103

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:10	02/04/26 15:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:10	02/04/26 15:46	1
Ethylbenzene	<0.00202	U *- *1	0.00202		mg/Kg		02/04/26 12:10	02/04/26 15:46	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/04/26 12:10	02/04/26 15:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:10	02/04/26 15:46	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 12:10	02/04/26 15:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				02/04/26 12:10	02/04/26 15:46	1
1,4-Difluorobenzene (Surr)	94		70 - 130				02/04/26 12:10	02/04/26 15:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/04/26 15:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/26 19:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 19:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 19:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-103 (0-0.25')

Lab Sample ID: 880-67482-103

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 19:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130				01/28/26 14:58	02/02/26 19:24	1
o-Terphenyl (Surr)	132	S1+	70 - 130				01/28/26 14:58	02/02/26 19:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1070		50.5		mg/Kg			01/30/26 19:25	5

Client Sample ID: CS-104 (0-0.25')

Lab Sample ID: 880-67482-104

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:10	02/04/26 16:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:10	02/04/26 16:06	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		02/04/26 12:10	02/04/26 16:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 12:10	02/04/26 16:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:10	02/04/26 16:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:10	02/04/26 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				02/04/26 12:10	02/04/26 16:06	1
1,4-Difluorobenzene (Surr)	94		70 - 130				02/04/26 12:10	02/04/26 16:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/26 16:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/02/26 19:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		01/28/26 14:58	02/02/26 19:39	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/28/26 14:58	02/02/26 19:39	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/28/26 14:58	02/02/26 19:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	138	S1+	70 - 130				01/28/26 14:58	02/02/26 19:39	1
o-Terphenyl (Surr)	144	S1+	70 - 130				01/28/26 14:58	02/02/26 19:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1160		50.4		mg/Kg			01/30/26 19:30	5

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-105 (0-0.25')

Lab Sample ID: 880-67482-105

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:10	02/04/26 16:27	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:10	02/04/26 16:27	1
Ethylbenzene	<0.00198	U *- *1	0.00198		mg/Kg		02/04/26 12:10	02/04/26 16:27	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/04/26 12:10	02/04/26 16:27	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:10	02/04/26 16:27	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/04/26 12:10	02/04/26 16:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	02/04/26 12:10	02/04/26 16:27	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/04/26 12:10	02/04/26 16:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/04/26 16:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/02/26 19:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/28/26 14:58	02/02/26 19:54	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/28/26 14:58	02/02/26 19:54	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/28/26 14:58	02/02/26 19:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	133	S1+	70 - 130	01/28/26 14:58	02/02/26 19:54	1
o-Terphenyl (Surr)	133	S1+	70 - 130	01/28/26 14:58	02/02/26 19:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	419		49.7		mg/Kg			01/30/26 19:36	5

Client Sample ID: CS-106 (0-0.25')

Lab Sample ID: 880-67482-106

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 16:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 16:47	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		02/04/26 12:10	02/04/26 16:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/04/26 12:10	02/04/26 16:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 16:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 12:10	02/04/26 16:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	02/04/26 12:10	02/04/26 16:47	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/04/26 12:10	02/04/26 16:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-106 (0-0.25')

Lab Sample ID: 880-67482-106

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/04/26 16:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	101		49.9		mg/Kg			02/02/26 20:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 20:08	1
Diesel Range Organics (Over C10-C28)	101		49.9		mg/Kg		01/28/26 14:58	02/02/26 20:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 20:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	131	S1+	70 - 130				01/28/26 14:58	02/02/26 20:08	1
o-Terphenyl (Surr)	134	S1+	70 - 130				01/28/26 14:58	02/02/26 20:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		49.6		mg/Kg			01/30/26 19:41	5

Client Sample ID: CS-107 (0-0.25')

Lab Sample ID: 880-67482-107

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 17:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 17:08	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		02/04/26 12:10	02/04/26 17:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 12:10	02/04/26 17:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 17:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:10	02/04/26 17:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				02/04/26 12:10	02/04/26 17:08	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/04/26 12:10	02/04/26 17:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/26 17:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/26 20:23	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	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 20:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 20:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-107 (0-0.25')

Lab Sample ID: 880-67482-107

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 20:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	136	S1+	70 - 130				01/28/26 14:58	02/02/26 20:23	1
o-Terphenyl (Surr)	138	S1+	70 - 130				01/28/26 14:58	02/02/26 20:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1190		50.0		mg/Kg			01/30/26 19:46	5

Client Sample ID: CS-108 (0-0.25')

Lab Sample ID: 880-67482-108

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:10	02/04/26 17:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:10	02/04/26 17:28	1
Ethylbenzene	<0.00201	U *- *1	0.00201		mg/Kg		02/04/26 12:10	02/04/26 17:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 12:10	02/04/26 17:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:10	02/04/26 17:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:10	02/04/26 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				02/04/26 12:10	02/04/26 17:28	1
1,4-Difluorobenzene (Surr)	97		70 - 130				02/04/26 12:10	02/04/26 17:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/26 17:28	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			02/02/26 20:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 20:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 20:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 20:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	137	S1+	70 - 130				01/28/26 14:58	02/02/26 20:53	1
o-Terphenyl (Surr)	145	S1+	70 - 130				01/28/26 14:58	02/02/26 20:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	345		49.8		mg/Kg			01/30/26 19:51	5

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-109 (0-0.25')

Lab Sample ID: 880-67482-109

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:10	02/04/26 17:49	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:10	02/04/26 17:49	1
Ethylbenzene	<0.00202	U *- *1	0.00202		mg/Kg		02/04/26 12:10	02/04/26 17:49	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/04/26 12:10	02/04/26 17:49	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:10	02/04/26 17:49	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 12:10	02/04/26 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	02/04/26 12:10	02/04/26 17:49	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/04/26 12:10	02/04/26 17:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/04/26 17:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/26 21:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 21:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 21:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 21:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	147	S1+	70 - 130	01/28/26 14:58	02/02/26 21:08	1
o-Terphenyl (Surr)	145	S1+	70 - 130	01/28/26 14:58	02/02/26 21:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	980		49.9		mg/Kg			01/30/26 19:57	5

Client Sample ID: CS-110 (0-0.25')

Lab Sample ID: 880-67482-110

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:10	02/04/26 18:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:10	02/04/26 18:09	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		02/04/26 12:10	02/04/26 18:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 12:10	02/04/26 18:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:10	02/04/26 18:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:10	02/04/26 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/04/26 12:10	02/04/26 18:09	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/04/26 12:10	02/04/26 18:09	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-110 (0-0.25')

Lab Sample ID: 880-67482-110

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/26 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	62.3		49.9		mg/Kg			02/02/26 21:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 21:23	1
Diesel Range Organics (Over C10-C28)	62.3		49.9		mg/Kg		01/28/26 14:58	02/02/26 21:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 21:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	139	S1+	70 - 130				01/28/26 14:58	02/02/26 21:23	1
o-Terphenyl (Surr)	142	S1+	70 - 130				01/28/26 14:58	02/02/26 21:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	886	F1	50.5		mg/Kg			01/30/26 17:59	5

Client Sample ID: CS-111 (0-0.25')

Lab Sample ID: 880-67482-111

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:10	02/04/26 19:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:10	02/04/26 19:44	1
Ethylbenzene	<0.00198	U *- *1	0.00198		mg/Kg		02/04/26 12:10	02/04/26 19:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/04/26 12:10	02/04/26 19:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:10	02/04/26 19:44	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/04/26 12:10	02/04/26 19:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				02/04/26 12:10	02/04/26 19:44	1
1,4-Difluorobenzene (Surr)	93		70 - 130				02/04/26 12:10	02/04/26 19:44	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			02/04/26 19:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/26 21:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 21:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 21:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-111 (0-0.25')

Lab Sample ID: 880-67482-111

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 21:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	134	S1+	70 - 130				01/28/26 14:58	02/02/26 21:38	1
o-Terphenyl (Surr)	142	S1+	70 - 130				01/28/26 14:58	02/02/26 21:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	390		49.8		mg/Kg			01/30/26 18:20	5

Client Sample ID: CS-112 (0-0.25')

Lab Sample ID: 880-67482-112

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 20:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 20:05	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		02/04/26 12:10	02/04/26 20:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 12:10	02/04/26 20:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 20:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:10	02/04/26 20:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/04/26 12:10	02/04/26 20:05	1
1,4-Difluorobenzene (Surr)	94		70 - 130				02/04/26 12:10	02/04/26 20:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/26 20:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.2		49.8		mg/Kg			02/02/26 21:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 21:53	1
Diesel Range Organics (Over C10-C28)	52.2		49.8		mg/Kg		01/28/26 14:58	02/02/26 21:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	148	S1+	70 - 130				01/28/26 14:58	02/02/26 21:53	1
o-Terphenyl (Surr)	155	S1+	70 - 130				01/28/26 14:58	02/02/26 21:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1040		49.9		mg/Kg			01/30/26 18:27	5

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-113 (0-0.25')

Lab Sample ID: 880-67482-113

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:10	02/04/26 20:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:10	02/04/26 20:25	1
Ethylbenzene	<0.00201	U *- *1	0.00201		mg/Kg		02/04/26 12:10	02/04/26 20:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 12:10	02/04/26 20:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:10	02/04/26 20:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:10	02/04/26 20:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	02/04/26 12:10	02/04/26 20:25	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/04/26 12:10	02/04/26 20:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/26 20:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/26 22:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 22:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 22:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 22:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	01/28/26 14:58	02/02/26 22:08	1
o-Terphenyl (Surr)	106		70 - 130	01/28/26 14:58	02/02/26 22:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	989		50.4		mg/Kg			01/30/26 18:33	5

Client Sample ID: CS-114 (0-0.25')

Lab Sample ID: 880-67482-114

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:10	02/04/26 20:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:10	02/04/26 20:46	1
Ethylbenzene	<0.00202	U *- *1	0.00202		mg/Kg		02/04/26 12:10	02/04/26 20:46	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/04/26 12:10	02/04/26 20:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:10	02/04/26 20:46	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 12:10	02/04/26 20:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	02/04/26 12:10	02/04/26 20:46	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/04/26 12:10	02/04/26 20:46	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-114 (0-0.25')

Lab Sample ID: 880-67482-114

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/04/26 20:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/26 22:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 22:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 22:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 22:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	131	S1+	70 - 130				01/28/26 14:58	02/02/26 22:23	1
o-Terphenyl (Surr)	132	S1+	70 - 130				01/28/26 14:58	02/02/26 22:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	569		50.2		mg/Kg			01/30/26 18:40	5

Client Sample ID: CS-115 (0-0.25')

Lab Sample ID: 880-67482-115

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:10	02/04/26 21:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:10	02/04/26 21:06	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		02/04/26 12:10	02/04/26 21:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 12:10	02/04/26 21:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:10	02/04/26 21:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:10	02/04/26 21:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				02/04/26 12:10	02/04/26 21:06	1
1,4-Difluorobenzene (Surr)	93		70 - 130				02/04/26 12:10	02/04/26 21:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/26 21:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/02/26 22:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/28/26 14:58	02/02/26 22:38	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/28/26 14:58	02/02/26 22:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-115 (0-0.25')

Lab Sample ID: 880-67482-115

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/28/26 14:58	02/02/26 22:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	143	S1+	70 - 130				01/28/26 14:58	02/02/26 22:38	1
o-Terphenyl (Surr)	149	S1+	70 - 130				01/28/26 14:58	02/02/26 22:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		50.1		mg/Kg			01/30/26 19:01	5

Client Sample ID: CS-116 (0-0.25')

Lab Sample ID: 880-67482-116

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:10	02/04/26 21:27	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:10	02/04/26 21:27	1
Ethylbenzene	<0.00198	U *- *1	0.00198		mg/Kg		02/04/26 12:10	02/04/26 21:27	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/04/26 12:10	02/04/26 21:27	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:10	02/04/26 21:27	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/04/26 12:10	02/04/26 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				02/04/26 12:10	02/04/26 21:27	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/04/26 12:10	02/04/26 21:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/04/26 21:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	333		50.2		mg/Kg			02/02/26 22:53	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	<50.2	U	50.2		mg/Kg		01/28/26 14:58	02/02/26 22:53	1
Diesel Range Organics (Over C10-C28)	233		50.2		mg/Kg		01/28/26 14:58	02/02/26 22:53	1
Oil Range Organics (Over C28-C36)	99.6		50.2		mg/Kg		01/28/26 14:58	02/02/26 22:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	134	S1+	70 - 130				01/28/26 14:58	02/02/26 22:53	1
o-Terphenyl (Surr)	138	S1+	70 - 130				01/28/26 14:58	02/02/26 22:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1160		49.7		mg/Kg			01/30/26 19:08	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-117 (0-0.25')

Lab Sample ID: 880-67482-117

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 21:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 21:47	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		02/04/26 12:10	02/04/26 21:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 12:10	02/04/26 21:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 21:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:10	02/04/26 21:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	02/04/26 12:10	02/04/26 21:47	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/04/26 12:10	02/04/26 21:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/26 21:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/02/26 23:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/28/26 14:58	02/02/26 23:07	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/28/26 14:58	02/02/26 23:07	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/28/26 14:58	02/02/26 23:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	130		70 - 130	01/28/26 14:58	02/02/26 23:07	1
o-Terphenyl (Surr)	135	S1+	70 - 130	01/28/26 14:58	02/02/26 23:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	467		49.9		mg/Kg			01/30/26 19:15	5

Client Sample ID: CS-118 (0-0.25')

Lab Sample ID: 880-67482-118

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:10	02/04/26 22:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:10	02/04/26 22:08	1
Ethylbenzene	<0.00201	U *- *1	0.00201		mg/Kg		02/04/26 12:10	02/04/26 22:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 12:10	02/04/26 22:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:10	02/04/26 22:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:10	02/04/26 22:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/04/26 12:10	02/04/26 22:08	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/04/26 12:10	02/04/26 22:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-118 (0-0.25')

Lab Sample ID: 880-67482-118

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/04/26 22:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/02/26 17:36	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	<49.6	U	49.6		mg/Kg		01/28/26 14:58	02/02/26 17:36	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/28/26 14:58	02/02/26 17:36	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/28/26 14:58	02/02/26 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130				01/28/26 14:58	02/02/26 17:36	1
o-Terphenyl (Surr)	91		70 - 130				01/28/26 14:58	02/02/26 17:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	922		49.6		mg/Kg			01/30/26 19:22	5

Client Sample ID: CS-119 (0-0.25')

Lab Sample ID: 880-67482-119

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:10	02/04/26 22:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:10	02/04/26 22:29	1
Ethylbenzene	<0.00202	U *- *1	0.00202		mg/Kg		02/04/26 12:10	02/04/26 22:29	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/04/26 12:10	02/04/26 22:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:10	02/04/26 22:29	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 12:10	02/04/26 22:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				02/04/26 12:10	02/04/26 22:29	1
1,4-Difluorobenzene (Surr)	90		70 - 130				02/04/26 12:10	02/04/26 22:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/04/26 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/26 18:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 18:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 18:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-119 (0-0.25')

Lab Sample ID: 880-67482-119

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 18:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				01/28/26 14:58	02/02/26 18:24	1
o-Terphenyl (Surr)	103		70 - 130				01/28/26 14:58	02/02/26 18:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	950		49.7		mg/Kg			01/30/26 19:29	5

Client Sample ID: CS-120 (0-0.25')

Lab Sample ID: 880-67482-120

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:10	02/04/26 22:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:10	02/04/26 22:49	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		02/04/26 12:10	02/04/26 22:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 12:10	02/04/26 22:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:10	02/04/26 22:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:10	02/04/26 22:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				02/04/26 12:10	02/04/26 22:49	1
1,4-Difluorobenzene (Surr)	101		70 - 130				02/04/26 12:10	02/04/26 22:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/26 22:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/26 18:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 18:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 18:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				01/28/26 14:58	02/02/26 18:40	1
o-Terphenyl (Surr)	107		70 - 130				01/28/26 14:58	02/02/26 18:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	390		49.5		mg/Kg			01/30/26 19:35	5

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-121 (0-0.25')

Lab Sample ID: 880-67482-121

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		02/04/26 12:22	02/05/26 02:05	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		02/04/26 12:22	02/05/26 02:05	1
Ethylbenzene	<0.00200	U F2 F1 *1	0.00200		mg/Kg		02/04/26 12:22	02/05/26 02:05	1
m-Xylene & p-Xylene	<0.00399	U F2 F1 *1	0.00399		mg/Kg		02/04/26 12:22	02/05/26 02:05	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		02/04/26 12:22	02/05/26 02:05	1
Xylenes, Total	<0.00399	U F2 F1	0.00399		mg/Kg		02/04/26 12:22	02/05/26 02:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/04/26 12:22	02/05/26 02:05	1
1,4-Difluorobenzene (Surr)	87		70 - 130	02/04/26 12:22	02/05/26 02:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/05/26 02:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/26 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 18:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 18:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130	01/28/26 14:58	02/02/26 18:54	1
o-Terphenyl (Surr)	102		70 - 130	01/28/26 14:58	02/02/26 18:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1180		49.6		mg/Kg			01/30/26 19:56	5

Client Sample ID: CS-122 (0-0.25')

Lab Sample ID: 880-67482-122

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:22	02/05/26 02:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:22	02/05/26 02:25	1
Ethylbenzene	<0.00201	U *1	0.00201		mg/Kg		02/04/26 12:22	02/05/26 02:25	1
m-Xylene & p-Xylene	<0.00402	U *1	0.00402		mg/Kg		02/04/26 12:22	02/05/26 02:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:22	02/05/26 02:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:22	02/05/26 02:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/04/26 12:22	02/05/26 02:25	1
1,4-Difluorobenzene (Surr)	90		70 - 130	02/04/26 12:22	02/05/26 02:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-122 (0-0.25')

Lab Sample ID: 880-67482-122

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/05/26 02:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/26 19:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 19:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 19:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 19:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130				01/28/26 14:58	02/02/26 19:09	1
o-Terphenyl (Surr)	105		70 - 130				01/28/26 14:58	02/02/26 19:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1010		50.2		mg/Kg			01/30/26 20:03	5

Client Sample ID: CS-123 (0-0.25')

Lab Sample ID: 880-67482-123

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:22	02/05/26 02:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:22	02/05/26 02:46	1
Ethylbenzene	<0.00202	U *1	0.00202		mg/Kg		02/04/26 12:22	02/05/26 02:46	1
m-Xylene & p-Xylene	<0.00404	U *1	0.00404		mg/Kg		02/04/26 12:22	02/05/26 02:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:22	02/05/26 02:46	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 12:22	02/05/26 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				02/04/26 12:22	02/05/26 02:46	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/04/26 12:22	02/05/26 02:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/05/26 02:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/26 19:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 19:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 19:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-123 (0-0.25')

Lab Sample ID: 880-67482-123

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 19:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				01/28/26 14:58	02/02/26 19:24	1
o-Terphenyl (Surr)	106		70 - 130				01/28/26 14:58	02/02/26 19:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	573		50.5		mg/Kg			01/30/26 20:24	5

Client Sample ID: CS-124 (0-0.25')

Lab Sample ID: 880-67482-124

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:22	02/05/26 03:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:22	02/05/26 03:06	1
Ethylbenzene	<0.00199	U *1	0.00199		mg/Kg		02/04/26 12:22	02/05/26 03:06	1
m-Xylene & p-Xylene	<0.00398	U *1	0.00398		mg/Kg		02/04/26 12:22	02/05/26 03:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:22	02/05/26 03:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:22	02/05/26 03:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				02/04/26 12:22	02/05/26 03:06	1
1,4-Difluorobenzene (Surr)	90		70 - 130				02/04/26 12:22	02/05/26 03:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/05/26 03:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/02/26 19:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/28/26 14:58	02/02/26 19:39	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/28/26 14:58	02/02/26 19:39	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/28/26 14:58	02/02/26 19:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130				01/28/26 14:58	02/02/26 19:39	1
o-Terphenyl (Surr)	79		70 - 130				01/28/26 14:58	02/02/26 19:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1120		49.7		mg/Kg			01/30/26 20:31	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-125 (0-0.25')

Lab Sample ID: 880-67482-125

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:22	02/05/26 03:27	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:22	02/05/26 03:27	1
Ethylbenzene	<0.00198	U *1	0.00198		mg/Kg		02/04/26 12:22	02/05/26 03:27	1
m-Xylene & p-Xylene	<0.00396	U *1	0.00396		mg/Kg		02/04/26 12:22	02/05/26 03:27	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:22	02/05/26 03:27	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/04/26 12:22	02/05/26 03:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/04/26 12:22	02/05/26 03:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/04/26 12:22	02/05/26 03:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/05/26 03:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/02/26 19:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/28/26 14:58	02/02/26 19:54	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/28/26 14:58	02/02/26 19:54	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/28/26 14:58	02/02/26 19:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130	01/28/26 14:58	02/02/26 19:54	1
o-Terphenyl (Surr)	110		70 - 130	01/28/26 14:58	02/02/26 19:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1030		49.9		mg/Kg			01/30/26 20:37	5

Client Sample ID: CS-126 (0-0.25')

Lab Sample ID: 880-67482-126

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 03:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 03:47	1
Ethylbenzene	<0.00200	U *1	0.00200		mg/Kg		02/04/26 12:22	02/05/26 03:47	1
m-Xylene & p-Xylene	<0.00399	U *1	0.00399		mg/Kg		02/04/26 12:22	02/05/26 03:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 03:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:22	02/05/26 03:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	02/04/26 12:22	02/05/26 03:47	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/04/26 12:22	02/05/26 03:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-126 (0-0.25')

Lab Sample ID: 880-67482-126

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/05/26 03:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/02/26 20:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/28/26 14:58	02/02/26 20:08	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/28/26 14:58	02/02/26 20:08	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/28/26 14:58	02/02/26 20:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130				01/28/26 14:58	02/02/26 20:08	1
o-Terphenyl (Surr)	104		70 - 130				01/28/26 14:58	02/02/26 20:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1180		50.3		mg/Kg			01/30/26 20:44	5

Client Sample ID: CS-127 (0-0.25')

Lab Sample ID: 880-67482-127

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:22	02/05/26 04:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:22	02/05/26 04:08	1
Ethylbenzene	<0.00201	U *1	0.00201		mg/Kg		02/04/26 12:22	02/05/26 04:08	1
m-Xylene & p-Xylene	<0.00402	U *1	0.00402		mg/Kg		02/04/26 12:22	02/05/26 04:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:22	02/05/26 04:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:22	02/05/26 04:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				02/04/26 12:22	02/05/26 04:08	1
1,4-Difluorobenzene (Surr)	94		70 - 130				02/04/26 12:22	02/05/26 04:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/05/26 04:08	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			02/02/26 20:23	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	<50.1	U	50.1		mg/Kg		01/28/26 14:58	02/02/26 20:23	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/28/26 14:58	02/02/26 20:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-127 (0-0.25')

Lab Sample ID: 880-67482-127

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/28/26 14:58	02/02/26 20:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	121		70 - 130				01/28/26 14:58	02/02/26 20:23	1
o-Terphenyl (Surr)	112		70 - 130				01/28/26 14:58	02/02/26 20:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	890		50.4		mg/Kg			01/30/26 20:51	5

Client Sample ID: CS-128 (0-0.25')

Lab Sample ID: 880-67482-128

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 04:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 04:28	1
Ethylbenzene	<0.00200	U *1	0.00200		mg/Kg		02/04/26 12:22	02/05/26 04:28	1
m-Xylene & p-Xylene	<0.00401	U *1	0.00401		mg/Kg		02/04/26 12:22	02/05/26 04:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 04:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/04/26 12:22	02/05/26 04:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				02/04/26 12:22	02/05/26 04:28	1
1,4-Difluorobenzene (Surr)	94		70 - 130				02/04/26 12:22	02/05/26 04:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/05/26 04:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	68.9		50.0		mg/Kg			02/02/26 20:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 20:53	1
Diesel Range Organics (Over C10-C28)	68.9		50.0		mg/Kg		01/28/26 14:58	02/02/26 20:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 20:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130				01/28/26 14:58	02/02/26 20:53	1
o-Terphenyl (Surr)	118		70 - 130				01/28/26 14:58	02/02/26 20:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1150		49.7		mg/Kg			01/30/26 20:58	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-129 (0-0.25')

Lab Sample ID: 880-67482-129

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:22	02/05/26 04:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:22	02/05/26 04:49	1
Ethylbenzene	<0.00199	U *1	0.00199		mg/Kg		02/04/26 12:22	02/05/26 04:49	1
m-Xylene & p-Xylene	<0.00398	U *1	0.00398		mg/Kg		02/04/26 12:22	02/05/26 04:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:22	02/05/26 04:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:22	02/05/26 04:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	02/04/26 12:22	02/05/26 04:49	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/04/26 12:22	02/05/26 04:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/05/26 04:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/26 21:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 21:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 21:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 21:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	01/28/26 14:58	02/02/26 21:08	1
o-Terphenyl (Surr)	102		70 - 130	01/28/26 14:58	02/02/26 21:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	698		49.5		mg/Kg			01/30/26 21:05	5

Client Sample ID: CS-130 (0-0.25')

Lab Sample ID: 880-67482-130

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 05:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 05:10	1
Ethylbenzene	<0.00200	U *1	0.00200		mg/Kg		02/04/26 12:22	02/05/26 05:10	1
m-Xylene & p-Xylene	<0.00399	U *1	0.00399		mg/Kg		02/04/26 12:22	02/05/26 05:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 05:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:22	02/05/26 05:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	02/04/26 12:22	02/05/26 05:10	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/04/26 12:22	02/05/26 05:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-130 (0-0.25')

Lab Sample ID: 880-67482-130

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/05/26 05:10	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			02/02/26 21:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 21:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 21:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 21:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				01/28/26 14:58	02/02/26 21:23	1
o-Terphenyl (Surr)	101		70 - 130				01/28/26 14:58	02/02/26 21:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.9		10.1		mg/Kg			01/30/26 21:11	1

Client Sample ID: CS-131 (0-0.25')

Lab Sample ID: 880-67482-131

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:22	02/05/26 06:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:22	02/05/26 06:44	1
Ethylbenzene	<0.00201	U *1	0.00201		mg/Kg		02/04/26 12:22	02/05/26 06:44	1
m-Xylene & p-Xylene	<0.00402	U *1	0.00402		mg/Kg		02/04/26 12:22	02/05/26 06:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:22	02/05/26 06:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:22	02/05/26 06:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				02/04/26 12:22	02/05/26 06:44	1
1,4-Difluorobenzene (Surr)	94		70 - 130				02/04/26 12:22	02/05/26 06:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/05/26 06:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/26 21:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 21:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 21:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-131 (0-0.25')

Lab Sample ID: 880-67482-131

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 21:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130				01/28/26 14:58	02/02/26 21:38	1
o-Terphenyl (Surr)	112		70 - 130				01/28/26 14:58	02/02/26 21:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		10.0		mg/Kg			01/30/26 21:31	1

Client Sample ID: CS-132 (0-0.25')

Lab Sample ID: 880-67482-132

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:22	02/05/26 07:05	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:22	02/05/26 07:05	1
Ethylbenzene	<0.00202	U *1	0.00202		mg/Kg		02/04/26 12:22	02/05/26 07:05	1
m-Xylene & p-Xylene	<0.00404	U *1	0.00404		mg/Kg		02/04/26 12:22	02/05/26 07:05	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:22	02/05/26 07:05	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 12:22	02/05/26 07:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				02/04/26 12:22	02/05/26 07:05	1
1,4-Difluorobenzene (Surr)	89		70 - 130				02/04/26 12:22	02/05/26 07:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/05/26 07:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/26 21:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 21:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 21:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				01/28/26 14:58	02/02/26 21:53	1
o-Terphenyl (Surr)	100		70 - 130				01/28/26 14:58	02/02/26 21:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.9		9.98		mg/Kg			01/30/26 21:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-133 (0-0.25')

Lab Sample ID: 880-67482-133

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:22	02/05/26 07:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:22	02/05/26 07:25	1
Ethylbenzene	<0.00199	U *1	0.00199		mg/Kg		02/04/26 12:22	02/05/26 07:25	1
m-Xylene & p-Xylene	<0.00398	U *1	0.00398		mg/Kg		02/04/26 12:22	02/05/26 07:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:22	02/05/26 07:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:22	02/05/26 07:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	02/04/26 12:22	02/05/26 07:25	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/04/26 12:22	02/05/26 07:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/05/26 07:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/26 22:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 22:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 22:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:58	02/02/26 22:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	01/28/26 14:58	02/02/26 22:08	1
o-Terphenyl (Surr)	104		70 - 130	01/28/26 14:58	02/02/26 22:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1020		49.6		mg/Kg			01/30/26 21:45	5

Client Sample ID: CS-134 (0-0.25')

Lab Sample ID: 880-67482-134

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:22	02/05/26 07:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:22	02/05/26 07:46	1
Ethylbenzene	<0.00198	U *1	0.00198		mg/Kg		02/04/26 12:22	02/05/26 07:46	1
m-Xylene & p-Xylene	<0.00396	U *1	0.00396		mg/Kg		02/04/26 12:22	02/05/26 07:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:22	02/05/26 07:46	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/04/26 12:22	02/05/26 07:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	02/04/26 12:22	02/05/26 07:46	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/04/26 12:22	02/05/26 07:46	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-134 (0-0.25')

Lab Sample ID: 880-67482-134

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/05/26 07:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/26 22:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 22:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 22:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 22:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				01/28/26 14:58	02/02/26 22:23	1
o-Terphenyl (Surr)	102		70 - 130				01/28/26 14:58	02/02/26 22:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000		50.4		mg/Kg			01/30/26 21:52	5

Client Sample ID: CS-135 (0-0.25')

Lab Sample ID: 880-67482-135

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 08:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 08:06	1
Ethylbenzene	<0.00200	U *1	0.00200		mg/Kg		02/04/26 12:22	02/05/26 08:06	1
m-Xylene & p-Xylene	<0.00400	U *1	0.00400		mg/Kg		02/04/26 12:22	02/05/26 08:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 08:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 12:22	02/05/26 08:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				02/04/26 12:22	02/05/26 08:06	1
1,4-Difluorobenzene (Surr)	97		70 - 130				02/04/26 12:22	02/05/26 08:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/05/26 08:06	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			02/02/26 22:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 22:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 22:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-135 (0-0.25')

Lab Sample ID: 880-67482-135

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 22:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				01/28/26 14:58	02/02/26 22:38	1
o-Terphenyl (Surr)	101		70 - 130				01/28/26 14:58	02/02/26 22:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	828		49.7		mg/Kg			01/30/26 22:13	5

Client Sample ID: CS-136 (0-0.25')

Lab Sample ID: 880-67482-136

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 08:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 08:27	1
Ethylbenzene	<0.00200	U *1	0.00200		mg/Kg		02/04/26 12:22	02/05/26 08:27	1
m-Xylene & p-Xylene	<0.00399	U *1	0.00399		mg/Kg		02/04/26 12:22	02/05/26 08:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 08:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:22	02/05/26 08:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				02/04/26 12:22	02/05/26 08:27	1
1,4-Difluorobenzene (Surr)	97		70 - 130				02/04/26 12:22	02/05/26 08:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/05/26 08:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	132		49.8		mg/Kg			02/02/26 22:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:58	02/02/26 22:53	1
Diesel Range Organics (Over C10-C28)	77.8		49.8		mg/Kg		01/28/26 14:58	02/02/26 22:53	1
Oil Range Organics (Over C28-C36)	53.9		49.8		mg/Kg		01/28/26 14:58	02/02/26 22:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				01/28/26 14:58	02/02/26 22:53	1
o-Terphenyl (Surr)	101		70 - 130				01/28/26 14:58	02/02/26 22:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1070		49.9		mg/Kg			01/30/26 22:20	5

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-137 (0-0.25')

Lab Sample ID: 880-67482-137

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:22	02/05/26 08:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:22	02/05/26 08:47	1
Ethylbenzene	<0.00201	U *1	0.00201		mg/Kg		02/04/26 12:22	02/05/26 08:47	1
m-Xylene & p-Xylene	<0.00402	U *1	0.00402		mg/Kg		02/04/26 12:22	02/05/26 08:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:22	02/05/26 08:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:22	02/05/26 08:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/04/26 12:22	02/05/26 08:47	1
1,4-Difluorobenzene (Surr)	90		70 - 130	02/04/26 12:22	02/05/26 08:47	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			02/05/26 08:47	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			02/02/26 23:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/28/26 14:58	02/02/26 23:07	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/28/26 14:58	02/02/26 23:07	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/28/26 14:58	02/02/26 23:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130	01/28/26 14:58	02/02/26 23:07	1
o-Terphenyl (Surr)	105		70 - 130	01/28/26 14:58	02/02/26 23:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	612		9.96		mg/Kg			01/30/26 22:27	1

Client Sample ID: CS-138 (0-0.25')

Lab Sample ID: 880-67482-138

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:22	02/05/26 09:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:22	02/05/26 09:08	1
Ethylbenzene	<0.00202	U *1	0.00202		mg/Kg		02/04/26 12:22	02/05/26 09:08	1
m-Xylene & p-Xylene	<0.00404	U *1	0.00404		mg/Kg		02/04/26 12:22	02/05/26 09:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:22	02/05/26 09:08	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 12:22	02/05/26 09:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/04/26 12:22	02/05/26 09:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	02/04/26 12:22	02/05/26 09:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-138 (0-0.25')

Lab Sample ID: 880-67482-138

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/05/26 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/03/26 17:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/28/26 14:59	02/03/26 17:05	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/28/26 14:59	02/03/26 17:05	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/28/26 14:59	02/03/26 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				01/28/26 14:59	02/03/26 17:05	1
o-Terphenyl (Surr)	99		70 - 130				01/28/26 14:59	02/03/26 17:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1020		49.7		mg/Kg			01/30/26 22:34	5

Client Sample ID: CS-139 (0-0.25')

Lab Sample ID: 880-67482-139

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:22	02/05/26 09:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:22	02/05/26 09:28	1
Ethylbenzene	<0.00199	U *1	0.00199		mg/Kg		02/04/26 12:22	02/05/26 09:28	1
m-Xylene & p-Xylene	<0.00398	U *1	0.00398		mg/Kg		02/04/26 12:22	02/05/26 09:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:22	02/05/26 09:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:22	02/05/26 09:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				02/04/26 12:22	02/05/26 09:28	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/04/26 12:22	02/05/26 09:28	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			02/05/26 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/03/26 17:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/28/26 14:59	02/03/26 17:46	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/28/26 14:59	02/03/26 17:46	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-139 (0-0.25')

Lab Sample ID: 880-67482-139

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/28/26 14:59	02/03/26 17:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				01/28/26 14:59	02/03/26 17:46	1
o-Terphenyl (Surr)	100		70 - 130				01/28/26 14:59	02/03/26 17:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1180		49.6		mg/Kg			01/30/26 22:41	5

Client Sample ID: CS-140 (0-0.25')

Lab Sample ID: 880-67482-140

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 09:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 09:49	1
Ethylbenzene	<0.00200	U *1	0.00200		mg/Kg		02/04/26 12:22	02/05/26 09:49	1
m-Xylene & p-Xylene	<0.00400	U *1	0.00400		mg/Kg		02/04/26 12:22	02/05/26 09:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 09:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 12:22	02/05/26 09:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				02/04/26 12:22	02/05/26 09:49	1
1,4-Difluorobenzene (Surr)	93		70 - 130				02/04/26 12:22	02/05/26 09:49	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			02/05/26 09:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/03/26 18:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/28/26 14:59	02/03/26 18:00	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/28/26 14:59	02/03/26 18:00	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/28/26 14:59	02/03/26 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				01/28/26 14:59	02/03/26 18:00	1
o-Terphenyl (Surr)	104		70 - 130				01/28/26 14:59	02/03/26 18:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1130	F1	50.0		mg/Kg			01/30/26 22:48	5

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-141 (0-0.25')

Lab Sample ID: 880-67482-141

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 12:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 12:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 12:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 12:24	02/05/26 12:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 12:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:24	02/05/26 12:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	02/04/26 12:24	02/05/26 12:02	1
1,4-Difluorobenzene (Surr)	107		70 - 130	02/04/26 12:24	02/05/26 12:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/05/26 12:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/03/26 18:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		01/28/26 14:59	02/03/26 18:14	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/28/26 14:59	02/03/26 18:14	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/28/26 14:59	02/03/26 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	01/28/26 14:59	02/03/26 18:14	1
o-Terphenyl (Surr)	93		70 - 130	01/28/26 14:59	02/03/26 18:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	449		50.2		mg/Kg			01/30/26 23:09	5

Client Sample ID: CS-142 (0-0.25')

Lab Sample ID: 880-67482-142

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:24	02/05/26 12:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:24	02/05/26 12:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:24	02/05/26 12:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 12:24	02/05/26 12:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:24	02/05/26 12:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:24	02/05/26 12:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130	02/04/26 12:24	02/05/26 12:23	1
1,4-Difluorobenzene (Surr)	105		70 - 130	02/04/26 12:24	02/05/26 12:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-142 (0-0.25')

Lab Sample ID: 880-67482-142

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/05/26 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/26 18:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 18:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 18:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				01/28/26 14:59	02/03/26 18:27	1
o-Terphenyl (Surr)	90		70 - 130				01/28/26 14:59	02/03/26 18:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	543		50.5		mg/Kg			01/30/26 23:16	5

Client Sample ID: CS-143 (0-0.25')

Lab Sample ID: 880-67482-143

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:24	02/05/26 12:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:24	02/05/26 12:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:24	02/05/26 12:43	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/04/26 12:24	02/05/26 12:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:24	02/05/26 12:43	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 12:24	02/05/26 12:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				02/04/26 12:24	02/05/26 12:43	1
1,4-Difluorobenzene (Surr)	109		70 - 130				02/04/26 12:24	02/05/26 12:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/05/26 12:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/26 18:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 18:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 18:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-143 (0-0.25')

Lab Sample ID: 880-67482-143

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				01/28/26 14:59	02/03/26 18:42	1
o-Terphenyl (Surr)	94		70 - 130				01/28/26 14:59	02/03/26 18:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	562		9.94		mg/Kg			01/30/26 23:37	1

Client Sample ID: CS-144 (0-0.25')

Lab Sample ID: 880-67482-144

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:24	02/05/26 13:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:24	02/05/26 13:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:24	02/05/26 13:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 12:24	02/05/26 13:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:24	02/05/26 13:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:24	02/05/26 13:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130				02/04/26 12:24	02/05/26 13:04	1
1,4-Difluorobenzene (Surr)	109		70 - 130				02/04/26 12:24	02/05/26 13:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/05/26 13:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/26 18:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 18:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 18:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 18:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				01/28/26 14:59	02/03/26 18:55	1
o-Terphenyl (Surr)	97		70 - 130				01/28/26 14:59	02/03/26 18:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	572		49.8		mg/Kg			01/30/26 23:44	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-145 (0-0.25')

Lab Sample ID: 880-67482-145

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:24	02/05/26 13:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:24	02/05/26 13:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:24	02/05/26 13:24	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/04/26 12:24	02/05/26 13:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:24	02/05/26 13:24	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/04/26 12:24	02/05/26 13:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	02/04/26 12:24	02/05/26 13:24	1
1,4-Difluorobenzene (Surr)	106		70 - 130	02/04/26 12:24	02/05/26 13:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/05/26 13:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/26 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:59	02/03/26 19:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:59	02/03/26 19:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:59	02/03/26 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130	01/28/26 14:59	02/03/26 19:11	1
o-Terphenyl (Surr)	94		70 - 130	01/28/26 14:59	02/03/26 19:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	580		9.92		mg/Kg			01/30/26 23:51	1

Client Sample ID: CS-146 (0-0.25')

Lab Sample ID: 880-67482-146

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 13:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 13:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 13:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 12:24	02/05/26 13:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 13:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:24	02/05/26 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	02/04/26 12:24	02/05/26 13:44	1
1,4-Difluorobenzene (Surr)	111		70 - 130	02/04/26 12:24	02/05/26 13:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-146 (0-0.25')

Lab Sample ID: 880-67482-146

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/05/26 13:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/26 19:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:59	02/03/26 19:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:59	02/03/26 19:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:59	02/03/26 19:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130				01/28/26 14:59	02/03/26 19:24	1
o-Terphenyl (Surr)	92		70 - 130				01/28/26 14:59	02/03/26 19:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	567		9.90		mg/Kg			01/30/26 23:58	1

Client Sample ID: CS-147 (0-0.25')

Lab Sample ID: 880-67482-147

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:24	02/05/26 14:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:24	02/05/26 14:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:24	02/05/26 14:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 12:24	02/05/26 14:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:24	02/05/26 14:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:24	02/05/26 14:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130				02/04/26 12:24	02/05/26 14:05	1
1,4-Difluorobenzene (Surr)	110		70 - 130				02/04/26 12:24	02/05/26 14:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/05/26 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/26 19:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 19:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 19:39	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-147 (0-0.25')

Lab Sample ID: 880-67482-147

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 19:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				01/28/26 14:59	02/03/26 19:39	1
o-Terphenyl (Surr)	94		70 - 130				01/28/26 14:59	02/03/26 19:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	731		10.1		mg/Kg			01/31/26 00:04	1

Client Sample ID: CS-148 (0-0.25')

Lab Sample ID: 880-67482-148

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 14:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 14:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 14:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/04/26 12:24	02/05/26 14:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 14:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/04/26 12:24	02/05/26 14:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				02/04/26 12:24	02/05/26 14:25	1
1,4-Difluorobenzene (Surr)	107		70 - 130				02/04/26 12:24	02/05/26 14:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/05/26 14:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/26 20:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:59	02/03/26 20:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:59	02/03/26 20:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:59	02/03/26 20:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				01/28/26 14:59	02/03/26 20:08	1
o-Terphenyl (Surr)	96		70 - 130				01/28/26 14:59	02/03/26 20:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	500		10.1		mg/Kg			01/31/26 00:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-149 (0-0.25')

Lab Sample ID: 880-67482-149

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:24	02/05/26 14:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:24	02/05/26 14:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:24	02/05/26 14:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 12:24	02/05/26 14:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:24	02/05/26 14:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:24	02/05/26 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/04/26 12:24	02/05/26 14:46	1
1,4-Difluorobenzene (Surr)	113		70 - 130	02/04/26 12:24	02/05/26 14:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/05/26 14:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/26 20:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:59	02/03/26 20:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:59	02/03/26 20:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:59	02/03/26 20:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130	01/28/26 14:59	02/03/26 20:21	1
o-Terphenyl (Surr)	93		70 - 130	01/28/26 14:59	02/03/26 20:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	598		9.96		mg/Kg			01/31/26 00:19	1

Client Sample ID: CS-150 (0-0.25')

Lab Sample ID: 880-67482-150

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 15:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 15:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 15:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 12:24	02/05/26 15:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 15:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:24	02/05/26 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	02/04/26 12:24	02/05/26 15:06	1
1,4-Difluorobenzene (Surr)	107		70 - 130	02/04/26 12:24	02/05/26 15:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-150 (0-0.25')

Lab Sample ID: 880-67482-150

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/05/26 15:06	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			02/03/26 20:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 20:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 20:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				01/28/26 14:59	02/03/26 20:37	1
o-Terphenyl (Surr)	90		70 - 130				01/28/26 14:59	02/03/26 20:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	530		9.96		mg/Kg			01/30/26 14:25	1

Client Sample ID: CS-151 (0-0.25')

Lab Sample ID: 880-67482-151

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:24	02/05/26 16:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:24	02/05/26 16:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:24	02/05/26 16:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 12:24	02/05/26 16:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:24	02/05/26 16:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:24	02/05/26 16:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130				02/04/26 12:24	02/05/26 16:40	1
1,4-Difluorobenzene (Surr)	106		70 - 130				02/04/26 12:24	02/05/26 16:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/05/26 16:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/26 20:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:59	02/03/26 20:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:59	02/03/26 20:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-151 (0-0.25')

Lab Sample ID: 880-67482-151

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:59	02/03/26 20:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				01/28/26 14:59	02/03/26 20:50	1
o-Terphenyl (Surr)	96		70 - 130				01/28/26 14:59	02/03/26 20:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	684		9.98		mg/Kg			01/30/26 14:46	1

Client Sample ID: CS-152 (0-0.25')

Lab Sample ID: 880-67482-152

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:24	02/05/26 17:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:24	02/05/26 17:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:24	02/05/26 17:01	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/04/26 12:24	02/05/26 17:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:24	02/05/26 17:01	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 12:24	02/05/26 17:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				02/04/26 12:24	02/05/26 17:01	1
1,4-Difluorobenzene (Surr)	115		70 - 130				02/04/26 12:24	02/05/26 17:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/05/26 17:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/26 21:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/26 14:59	02/03/26 21:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/26 14:59	02/03/26 21:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:59	02/03/26 21:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				01/28/26 14:59	02/03/26 21:05	1
o-Terphenyl (Surr)	100		70 - 130				01/28/26 14:59	02/03/26 21:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	642		10.1		mg/Kg			01/30/26 14:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-153 (0-0.25')

Lab Sample ID: 880-67482-153

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:24	02/05/26 17:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:24	02/05/26 17:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:24	02/05/26 17:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 12:24	02/05/26 17:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:24	02/05/26 17:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:24	02/05/26 17:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	02/04/26 12:24	02/05/26 17:21	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/04/26 12:24	02/05/26 17:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/05/26 17:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/26 21:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 21:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 21:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 21:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	01/28/26 14:59	02/03/26 21:19	1
o-Terphenyl (Surr)	94		70 - 130	01/28/26 14:59	02/03/26 21:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	506		9.94		mg/Kg			01/30/26 15:00	1

Client Sample ID: CS-154 (0-0.25')

Lab Sample ID: 880-67482-154

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:24	02/05/26 17:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:24	02/05/26 17:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:24	02/05/26 17:41	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/04/26 12:24	02/05/26 17:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/04/26 12:24	02/05/26 17:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/04/26 12:24	02/05/26 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130	02/04/26 12:24	02/05/26 17:41	1
1,4-Difluorobenzene (Surr)	108		70 - 130	02/04/26 12:24	02/05/26 17:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-154 (0-0.25')

Lab Sample ID: 880-67482-154

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/05/26 17:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/26 21:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/28/26 14:59	02/03/26 21:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/28/26 14:59	02/03/26 21:34	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:59	02/03/26 21:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				01/28/26 14:59	02/03/26 21:34	1
o-Terphenyl (Surr)	91		70 - 130				01/28/26 14:59	02/03/26 21:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	587		9.92		mg/Kg			01/30/26 15:07	1

Client Sample ID: CS-155 (0-0.25')

Lab Sample ID: 880-67482-155

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 18:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 18:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 18:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/04/26 12:24	02/05/26 18:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 18:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 12:24	02/05/26 18:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				02/04/26 12:24	02/05/26 18:02	1
1,4-Difluorobenzene (Surr)	113		70 - 130				02/04/26 12:24	02/05/26 18:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/05/26 18:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/26 21:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 21:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 21:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-155 (0-0.25')

Lab Sample ID: 880-67482-155

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 21:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				01/28/26 14:59	02/03/26 21:48	1
o-Terphenyl (Surr)	95		70 - 130				01/28/26 14:59	02/03/26 21:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	568		10.1		mg/Kg			01/30/26 15:27	1

Client Sample ID: CS-156 (0-0.25')

Lab Sample ID: 880-67482-156

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 18:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 18:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 18:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/04/26 12:24	02/05/26 18:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 18:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/04/26 12:24	02/05/26 18:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				02/04/26 12:24	02/05/26 18:22	1
1,4-Difluorobenzene (Surr)	107		70 - 130				02/04/26 12:24	02/05/26 18:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/05/26 18:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/03/26 22:03	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	<50.4	U	50.4		mg/Kg		01/28/26 14:59	02/03/26 22:03	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/28/26 14:59	02/03/26 22:03	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/28/26 14:59	02/03/26 22:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				01/28/26 14:59	02/03/26 22:03	1
o-Terphenyl (Surr)	95		70 - 130				01/28/26 14:59	02/03/26 22:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	601		9.94		mg/Kg			01/30/26 15:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-157 (0-0.25')

Lab Sample ID: 880-67482-157

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:24	02/05/26 18:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:24	02/05/26 18:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:24	02/05/26 18:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/04/26 12:24	02/05/26 18:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/04/26 12:24	02/05/26 18:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/04/26 12:24	02/05/26 18:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	02/04/26 12:24	02/05/26 18:43	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/04/26 12:24	02/05/26 18:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/05/26 18:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/03/26 22:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/28/26 14:59	02/03/26 22:16	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/28/26 14:59	02/03/26 22:16	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/28/26 14:59	02/03/26 22:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	01/28/26 14:59	02/03/26 22:16	1
o-Terphenyl (Surr)	95		70 - 130	01/28/26 14:59	02/03/26 22:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	567		9.92		mg/Kg			01/30/26 15:41	1

Client Sample ID: CS-158 (0-0.25')

Lab Sample ID: 880-67482-158

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:24	02/05/26 19:03	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:24	02/05/26 19:03	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:24	02/05/26 19:03	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/04/26 12:24	02/05/26 19:03	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/04/26 12:24	02/05/26 19:03	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/04/26 12:24	02/05/26 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130	02/04/26 12:24	02/05/26 19:03	1
1,4-Difluorobenzene (Surr)	112		70 - 130	02/04/26 12:24	02/05/26 19:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-158 (0-0.25')

Lab Sample ID: 880-67482-158

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/05/26 19:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/26 17:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		01/28/26 14:59	02/03/26 17:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		01/28/26 14:59	02/03/26 17:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:59	02/03/26 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130				01/28/26 14:59	02/03/26 17:05	1
o-Terphenyl (Surr)	101		70 - 130				01/28/26 14:59	02/03/26 17:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	614		9.96		mg/Kg			01/30/26 15:48	1

Client Sample ID: CS-159 (0-0.25')

Lab Sample ID: 880-67482-159

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:24	02/05/26 19:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:24	02/05/26 19:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:24	02/05/26 19:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/04/26 12:24	02/05/26 19:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/04/26 12:24	02/05/26 19:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/04/26 12:24	02/05/26 19:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130				02/04/26 12:24	02/05/26 19:24	1
1,4-Difluorobenzene (Surr)	115		70 - 130				02/04/26 12:24	02/05/26 19:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/05/26 19:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/26 17:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		01/28/26 14:59	02/03/26 17:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		01/28/26 14:59	02/03/26 17:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-159 (0-0.25')

Lab Sample ID: 880-67482-159

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:59	02/03/26 17:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				01/28/26 14:59	02/03/26 17:46	1
o-Terphenyl (Surr)	99		70 - 130				01/28/26 14:59	02/03/26 17:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	617		9.92		mg/Kg			01/30/26 15:55	1

Client Sample ID: CS-160 (0-0.25')

Lab Sample ID: 880-67482-160

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 19:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 19:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 19:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/04/26 12:24	02/05/26 19:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 19:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 12:24	02/05/26 19:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				02/04/26 12:24	02/05/26 19:44	1
1,4-Difluorobenzene (Surr)	109		70 - 130				02/04/26 12:24	02/05/26 19:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/05/26 19:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/26 18:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		01/28/26 14:59	02/03/26 18:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		01/28/26 14:59	02/03/26 18:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				01/28/26 14:59	02/03/26 18:00	1
o-Terphenyl (Surr)	113		70 - 130				01/28/26 14:59	02/03/26 18:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	597		10.0		mg/Kg			01/30/26 16:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-161 (0-0.25')

Lab Sample ID: 880-67482-161

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/05/26 09:47	02/05/26 12:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/05/26 09:47	02/05/26 12:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/05/26 09:47	02/05/26 12:46	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/05/26 09:47	02/05/26 12:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/05/26 09:47	02/05/26 12:46	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/05/26 09:47	02/05/26 12:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	02/05/26 09:47	02/05/26 12:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/05/26 09:47	02/05/26 12:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/05/26 12:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/26 18:14	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 *1	49.8		mg/Kg		01/28/26 14:59	02/03/26 18:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		01/28/26 14:59	02/03/26 18:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:59	02/03/26 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	01/28/26 14:59	02/03/26 18:14	1
o-Terphenyl (Surr)	112		70 - 130	01/28/26 14:59	02/03/26 18:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	572		10.1		mg/Kg			01/30/26 16:22	1

Client Sample ID: CS-162 (0-0.25')

Lab Sample ID: 880-67482-162

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/05/26 09:47	02/05/26 13:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/05/26 09:47	02/05/26 13:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/05/26 09:47	02/05/26 13:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/05/26 09:47	02/05/26 13:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/05/26 09:47	02/05/26 13:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/05/26 09:47	02/05/26 13:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	02/05/26 09:47	02/05/26 13:07	1
1,4-Difluorobenzene (Surr)	97		70 - 130	02/05/26 09:47	02/05/26 13:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-162 (0-0.25')

Lab Sample ID: 880-67482-162

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/05/26 13:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/26 18:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		01/28/26 14:59	02/03/26 18:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		01/28/26 14:59	02/03/26 18:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:59	02/03/26 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130				01/28/26 14:59	02/03/26 18:27	1
o-Terphenyl (Surr)	97		70 - 130				01/28/26 14:59	02/03/26 18:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	580		9.96		mg/Kg			01/30/26 16:29	1

Client Sample ID: CS-163 (0-0.25')

Lab Sample ID: 880-67482-163

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/05/26 09:47	02/05/26 13:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/05/26 09:47	02/05/26 13:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/05/26 09:47	02/05/26 13:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/05/26 09:47	02/05/26 13:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/05/26 09:47	02/05/26 13:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/05/26 09:47	02/05/26 13:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				02/05/26 09:47	02/05/26 13:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/05/26 09:47	02/05/26 13:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/05/26 13:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/26 18:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		01/28/26 14:59	02/03/26 18:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		01/28/26 14:59	02/03/26 18:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-163 (0-0.25')

Lab Sample ID: 880-67482-163

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/26 14:59	02/03/26 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130				01/28/26 14:59	02/03/26 18:42	1
o-Terphenyl (Surr)	103		70 - 130				01/28/26 14:59	02/03/26 18:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	645		9.92		mg/Kg			01/30/26 16:50	1

Client Sample ID: CS-164 (0-0.25')

Lab Sample ID: 880-67482-164

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/05/26 09:47	02/05/26 13:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/05/26 09:47	02/05/26 13:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/05/26 09:47	02/05/26 13:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/05/26 09:47	02/05/26 13:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/05/26 09:47	02/05/26 13:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/05/26 09:47	02/05/26 13:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				02/05/26 09:47	02/05/26 13:48	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/05/26 09:47	02/05/26 13:48	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			02/05/26 13:48	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			02/03/26 18:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		01/28/26 14:59	02/03/26 18:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		01/28/26 14:59	02/03/26 18:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 18:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130				01/28/26 14:59	02/03/26 18:55	1
o-Terphenyl (Surr)	110		70 - 130				01/28/26 14:59	02/03/26 18:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	613		9.94		mg/Kg			01/30/26 16:57	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-165 (0-0.25')

Lab Sample ID: 880-67482-165

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/05/26 09:47	02/05/26 14:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/05/26 09:47	02/05/26 14:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/05/26 09:47	02/05/26 14:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/05/26 09:47	02/05/26 14:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/05/26 09:47	02/05/26 14:08	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/05/26 09:47	02/05/26 14:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	02/05/26 09:47	02/05/26 14:08	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/05/26 09:47	02/05/26 14:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/05/26 14:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/26 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		01/28/26 14:59	02/03/26 19:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		01/28/26 14:59	02/03/26 19:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/28/26 14:59	02/03/26 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130	01/28/26 14:59	02/03/26 19:11	1
o-Terphenyl (Surr)	99		70 - 130	01/28/26 14:59	02/03/26 19:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	661		9.92		mg/Kg			01/30/26 17:04	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-67482-1	CS-1 (0-0.25')	98	97
880-67482-1 MS	CS-1 (0-0.25')	95	111
880-67482-1 MSD	CS-1 (0-0.25')	102	103
880-67482-2	CS-2 (0-0.25')	96	104
880-67482-3	CS-3 (0-0.25')	108	102
880-67482-4	CS-4 (0-0.25')	108	96
880-67482-5	CS-5 (0-0.25')	98	101
880-67482-6	CS-6 (0-0.25')	112	97
880-67482-7	CS-7 (0-0.25')	111	102
880-67482-8	CS-8 (0-0.25')	106	103
880-67482-9	CS-9 (0-0.25')	102	102
880-67482-10	CS-10 (0-0.25')	101	104
880-67482-11	CS-11 (0-0.25')	101	114
880-67482-12	CS-12 (0-0.25')	101	109
880-67482-13	CS-13 (0-0.25')	114	111
880-67482-14	CS-14 (0-0.25')	116	117
880-67482-15	CS-15 (0-0.25')	105	111
880-67482-16	CS-16 (0-0.25')	103	93
880-67482-16 MS	CS-16 (0-0.25')	96	103
880-67482-16 MSD	CS-16 (0-0.25')	99	99
880-67482-17	CS-17 (0-0.25')	84	98
880-67482-18	CS-18 (0-0.25')	100	99
880-67482-19	CS-19 (0-0.25')	75	84
880-67482-20	CS-20 (0-0.25')	73	87
880-67482-21	CS-21 (0-0.25')	90	90
880-67482-21 MS	CS-21 (0-0.25')	95	97
880-67482-21 MSD	CS-21 (0-0.25')	101	105
880-67482-22	CS-22 (0-0.25')	84	91
880-67482-23	CS-23 (0-0.25')	115	86
880-67482-24	CS-24 (0-0.25')	97	92
880-67482-25	CS-25 (0-0.25')	85	90
880-67482-26	CS-26 (0-0.25')	81	93
880-67482-27	CS-27 (0-0.25')	86	85
880-67482-28	CS-28 (0-0.25')	80	90
880-67482-29	CS-29 (0-0.25')	87	103
880-67482-30	CS-30 (0-0.25')	93	99
880-67482-31	CS-31 (0-0.25')	97	89
880-67482-32	CS-32 (0-0.25')	96	103
880-67482-33	CS-33 (0-0.25')	98	100
880-67482-34	CS-34 (0-0.25')	99	102
880-67482-35	CS-35 (0-0.25')	91	89
880-67482-36	CS-36 (0-0.25')	94	98
880-67482-37	CS-37 (0-0.25')	85	89
880-67482-38	CS-38 (0-0.25')	101	100
880-67482-39	CS-39 (0-0.25')	99	95
880-67482-40	CS-40 (0-0.25')	94	91
880-67482-41	CS-41 (0-0.25')	96	99
880-67482-41 MS	CS-41 (0-0.25')	97	110
880-67482-41 MSD	CS-41 (0-0.25')	99	94

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-67482-1

Project/Site: LOE East Pad- Zia Federal Com 706H

SDG: 3014

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-67482-42	CS-42 (0-0.25')	109	117
880-67482-43	CS-43 (0-0.25')	95	101
880-67482-44	CS-44 (0-0.25')	102	90
880-67482-45	CS-45 (0-0.25')	101	94
880-67482-46	CS-46 (0-0.25')	108	97
880-67482-47	CS-47 (0-0.25')	105	97
880-67482-48	CS-48 (0-0.25')	102	93
880-67482-49	CS-49 (0-0.25')	99	92
880-67482-50	CS-50 (0-0.25')	101	94
880-67482-51	CS-51 (0-0.25')	102	92
880-67482-52	CS-52 (0-0.25')	100	89
880-67482-53	CS-53 (0-0.25')	108	93
880-67482-54	CS-54 (0-0.25')	114	98
880-67482-55	CS-55 (0-0.25')	119	96
880-67482-56	CS-56 (0-0.25')	113	98
880-67482-57	CS-57 (0-0.25')	114	96
880-67482-58	CS-58 (0-0.25')	124	95
880-67482-59	CS-59 (0-0.25')	120	98
880-67482-60	CS-60 (0-0.25')	114	96
880-67482-61	CS-61 (0-0.25')	136 S1+	107
880-67482-61 MS	CS-61 (0-0.25')	124	103
880-67482-61 MSD	CS-61 (0-0.25')	114	99
880-67482-62	CS-62 (0-0.25')	129	115
880-67482-63	CS-63 (0-0.25')	130	106
880-67482-64	CS-64 (0-0.25')	130	93
880-67482-65	CS-65 (0-0.25')	136 S1+	111
880-67482-66	CS-66 (0-0.25')	116	84
880-67482-67	CS-67 (0-0.25')	138 S1+	106
880-67482-68	CS-68 (0-0.25')	132 S1+	104
880-67482-69	CS-69 (0-0.25')	129	106
880-67482-70	CS-70 (0-0.25')	135 S1+	107
880-67482-71	CS-71 (0-0.25')	135 S1+	109
880-67482-72	CS-72 (0-0.25')	122	109
880-67482-73	CS-73 (0-0.25')	139 S1+	106
880-67482-74	CS-74 (0-0.25')	75	83
880-67482-75	CS-75 (0-0.25')	138 S1+	110
880-67482-76	CS-76 (0-0.25')	127	113
880-67482-77	CS-77 (0-0.25')	125	111
880-67482-78	CS-78 (0-0.25')	117	94
880-67482-79	CS-79 (0-0.25')	131 S1+	106
880-67482-80	CS-80 (0-0.25')	103	87
880-67482-81	CS-81 (0-0.25')	105	104
880-67482-81 MS	CS-81 (0-0.25')	93	101
880-67482-81 MSD	CS-81 (0-0.25')	104	99
880-67482-82	CS-82 (0-0.25')	101	96
880-67482-83	CS-83 (0-0.25')	87	96
880-67482-84	CS-84 (0-0.25')	92	93
880-67482-85	CS-85 (0-0.25')	93	100
880-67482-86	CS-86 (0-0.25')	100	99
880-67482-87	CS-87 (0-0.25')	93	102

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-67482-1

Project/Site: LOE East Pad- Zia Federal Com 706H

SDG: 3014

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)
880-67482-88	CS-88 (0-0.25')	94	90
880-67482-89	CS-89 (0-0.25')	93	102
880-67482-90	CS-90 (0-0.25')	92	90
880-67482-91	CS-91 (0-0.25')	96	100
880-67482-92	CS-92 (0-0.25')	101	100
880-67482-93	CS-93 (0-0.25')	105	101
880-67482-94	CS-94 (0-0.25')	101	98
880-67482-95	CS-95 (0-0.25')	98	101
880-67482-96	CS-96 (0-0.25')	99	97
880-67482-97	CS-97 (0-0.25')	97	100
880-67482-98	CS-98 (0-0.25')	99	101
880-67482-99	CS-99 (0-0.25')	91	103
880-67482-100	CS-100 (0-0.25')	94	91
880-67482-101	CS-101 (0-0.25')	104	90
880-67482-101 MS	CS-101 (0-0.25')	100	102
880-67482-101 MSD	CS-101 (0-0.25')	99	107
880-67482-102	CS-102 (0-0.25')	99	88
880-67482-103	CS-103 (0-0.25')	107	94
880-67482-104	CS-104 (0-0.25')	104	94
880-67482-105	CS-105 (0-0.25')	112	102
880-67482-106	CS-106 (0-0.25')	116	100
880-67482-107	CS-107 (0-0.25')	98	99
880-67482-108	CS-108 (0-0.25')	97	97
880-67482-109	CS-109 (0-0.25')	106	94
880-67482-110	CS-110 (0-0.25')	104	93
880-67482-111	CS-111 (0-0.25')	111	93
880-67482-112	CS-112 (0-0.25')	105	94
880-67482-113	CS-113 (0-0.25')	114	95
880-67482-114	CS-114 (0-0.25')	119	102
880-67482-115	CS-115 (0-0.25')	102	93
880-67482-116	CS-116 (0-0.25')	108	99
880-67482-117	CS-117 (0-0.25')	110	100
880-67482-118	CS-118 (0-0.25')	104	92
880-67482-119	CS-119 (0-0.25')	104	90
880-67482-120	CS-120 (0-0.25')	99	101
880-67482-121	CS-121 (0-0.25')	108	87
880-67482-121 MS	CS-121 (0-0.25')	92	95
880-67482-121 MSD	CS-121 (0-0.25')	96	88
880-67482-122	CS-122 (0-0.25')	101	90
880-67482-123	CS-123 (0-0.25')	103	96
880-67482-124	CS-124 (0-0.25')	106	90
880-67482-125	CS-125 (0-0.25')	105	95
880-67482-126	CS-126 (0-0.25')	110	95
880-67482-127	CS-127 (0-0.25')	104	94
880-67482-128	CS-128 (0-0.25')	107	94
880-67482-129	CS-129 (0-0.25')	111	96
880-67482-130	CS-130 (0-0.25')	110	94
880-67482-131	CS-131 (0-0.25')	109	94
880-67482-132	CS-132 (0-0.25')	102	89
880-67482-133	CS-133 (0-0.25')	113	100

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-67482-1

Project/Site: LOE East Pad- Zia Federal Com 706H

SDG: 3014

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)
880-67482-134	CS-134 (0-0.25')	106	101
880-67482-135	CS-135 (0-0.25')	109	97
880-67482-136	CS-136 (0-0.25')	110	97
880-67482-137	CS-137 (0-0.25')	105	90
880-67482-138	CS-138 (0-0.25')	105	91
880-67482-139	CS-139 (0-0.25')	102	96
880-67482-140	CS-140 (0-0.25')	107	93
880-67482-141	CS-141 (0-0.25')	142 S1+	107
880-67482-141 MS	CS-141 (0-0.25')	116	98
880-67482-141 MSD	CS-141 (0-0.25')	128	93
880-67482-142	CS-142 (0-0.25')	145 S1+	105
880-67482-143	CS-143 (0-0.25')	131 S1+	109
880-67482-144	CS-144 (0-0.25')	149 S1+	109
880-67482-145	CS-145 (0-0.25')	142 S1+	106
880-67482-146	CS-146 (0-0.25')	136 S1+	111
880-67482-147	CS-147 (0-0.25')	147 S1+	110
880-67482-148	CS-148 (0-0.25')	142 S1+	107
880-67482-149	CS-149 (0-0.25')	108	113
880-67482-150	CS-150 (0-0.25')	154 S1+	107
880-67482-151	CS-151 (0-0.25')	152 S1+	106
880-67482-152	CS-152 (0-0.25')	130	115
880-67482-153	CS-153 (0-0.25')	142 S1+	110
880-67482-154	CS-154 (0-0.25')	145 S1+	108
880-67482-155	CS-155 (0-0.25')	132 S1+	113
880-67482-156	CS-156 (0-0.25')	136 S1+	107
880-67482-157	CS-157 (0-0.25')	141 S1+	98
880-67482-158	CS-158 (0-0.25')	135 S1+	112
880-67482-159	CS-159 (0-0.25')	138 S1+	115
880-67482-160	CS-160 (0-0.25')	133 S1+	109
880-67482-161	CS-161 (0-0.25')	120	99
880-67482-162	CS-162 (0-0.25')	118	97
880-67482-163	CS-163 (0-0.25')	121	95
880-67482-164	CS-164 (0-0.25')	118	95
880-67482-165	CS-165 (0-0.25')	121	98
880-67675-A-41-E MS	Matrix Spike	99	115
880-67675-A-41-F MSD	Matrix Spike Duplicate	102	112
880-67698-A-1-B MS	Matrix Spike	103	99
880-67698-A-1-C MSD	Matrix Spike Duplicate	105	98
890-9444-A-21-E MS	Matrix Spike	111	95
890-9444-A-21-F MSD	Matrix Spike Duplicate	114	100
LCS 880-130748/1-A	Lab Control Sample	97	102
LCS 880-130749/1-A	Lab Control Sample	103	96
LCS 880-130755/1-A	Lab Control Sample	97	103
LCS 880-130757/1-A	Lab Control Sample	94	103
LCS 880-130759/1-A	Lab Control Sample	98	113
LCS 880-130763/1-A	Lab Control Sample	106	99
LCS 880-130808/1-A	Lab Control Sample	101	97
LCS 880-130809/1-A	Lab Control Sample	96	103
LCS 880-130810/1-A	Lab Control Sample	114	94
LCS 880-130811/1-A	Lab Control Sample	99	94

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-67482-1

Project/Site: LOE East Pad- Zia Federal Com 706H

SDG: 3014

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
LCS 880-130812/1-A	Lab Control Sample	119	99
LCS 880-130913/1-A	Lab Control Sample	111	96
LCSD 880-130748/2-A	Lab Control Sample Dup	107	103
LCSD 880-130749/2-A	Lab Control Sample Dup	113	94
LCSD 880-130755/2-A	Lab Control Sample Dup	88	116
LCSD 880-130757/2-A	Lab Control Sample Dup	95	103
LCSD 880-130759/2-A	Lab Control Sample Dup	103	114
LCSD 880-130763/2-A	Lab Control Sample Dup	105	96
LCSD 880-130808/2-A	Lab Control Sample Dup	101	100
LCSD 880-130809/2-A	Lab Control Sample Dup	95	106
LCSD 880-130810/2-A	Lab Control Sample Dup	116	93
LCSD 880-130811/2-A	Lab Control Sample Dup	96	98
LCSD 880-130812/2-A	Lab Control Sample Dup	117	101
LCSD 880-130913/2-A	Lab Control Sample Dup	113	101
MB 880-129917/5-A	Method Blank	102	89
MB 880-130648/5-A	Method Blank	103	95
MB 880-130748/5-A	Method Blank	101	96
MB 880-130749/5-A	Method Blank	108	94
MB 880-130755/5-A	Method Blank	100	88
MB 880-130757/5-A	Method Blank	103	100
MB 880-130759/5-A	Method Blank	92	108
MB 880-130760/5-A	Method Blank	122	108
MB 880-130763/5-A	Method Blank	105	95
MB 880-130808/5-A	Method Blank	104	88
MB 880-130809/5-A	Method Blank	100	100
MB 880-130810/5-A	Method Blank	124	102
MB 880-130811/5-A	Method Blank	105	89
MB 880-130812/5-A	Method Blank	125	100
MB 880-130913/5-A	Method Blank	108	94

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-67481-A-23-B MS	Matrix Spike	115	113
880-67481-A-23-C MSD	Matrix Spike Duplicate	117	113
880-67482-1	CS-1 (0-0.25')	105	110
880-67482-2	CS-2 (0-0.25')	107	109
880-67482-3	CS-3 (0-0.25')	107	108
880-67482-4	CS-4 (0-0.25')	110	112
880-67482-5	CS-5 (0-0.25')	111	114
880-67482-6	CS-6 (0-0.25')	111	109
880-67482-7	CS-7 (0-0.25')	92	95
880-67482-8	CS-8 (0-0.25')	109	114
880-67482-9	CS-9 (0-0.25')	106	106

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-67482-1

Project/Site: LOE East Pad- Zia Federal Com 706H

SDG: 3014

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-67482-10	CS-10 (0-0.25')	98	102
880-67482-11	CS-11 (0-0.25')	104	103
880-67482-12	CS-12 (0-0.25')	107	109
880-67482-13	CS-13 (0-0.25')	106	105
880-67482-14	CS-14 (0-0.25')	110	113
880-67482-15	CS-15 (0-0.25')	96	97
880-67482-16	CS-16 (0-0.25')	99	102
880-67482-17	CS-17 (0-0.25')	94	97
880-67482-18	CS-18 (0-0.25')	82	85
880-67482-18 MS	CS-18 (0-0.25')	96	89
880-67482-18 MSD	CS-18 (0-0.25')	97	91
880-67482-19	CS-19 (0-0.25')	84	88
880-67482-20	CS-20 (0-0.25')	84	86
880-67482-21	CS-21 (0-0.25')	83	80
880-67482-22	CS-22 (0-0.25')	90	85
880-67482-23	CS-23 (0-0.25')	85	84
880-67482-24	CS-24 (0-0.25')	92	87
880-67482-25	CS-25 (0-0.25')	85	78
880-67482-26	CS-26 (0-0.25')	88	86
880-67482-27	CS-27 (0-0.25')	91	85
880-67482-28	CS-28 (0-0.25')	87	87
880-67482-29	CS-29 (0-0.25')	92	90
880-67482-30	CS-30 (0-0.25')	88	83
880-67482-31	CS-31 (0-0.25')	92	90
880-67482-32	CS-32 (0-0.25')	95	95
880-67482-33	CS-33 (0-0.25')	89	85
880-67482-34	CS-34 (0-0.25')	97	91
880-67482-35	CS-35 (0-0.25')	95	90
880-67482-36	CS-36 (0-0.25')	91	85
880-67482-37	CS-37 (0-0.25')	84	79
880-67482-38	CS-38 (0-0.25')	125	131 S1+
880-67482-38 MS	CS-38 (0-0.25')	123	139 S1+
880-67482-38 MSD	CS-38 (0-0.25')	121	134 S1+
880-67482-39	CS-39 (0-0.25')	119	122
880-67482-40	CS-40 (0-0.25')	127	130
880-67482-41	CS-41 (0-0.25')	124	127
880-67482-42	CS-42 (0-0.25')	126	123
880-67482-43	CS-43 (0-0.25')	121	123
880-67482-44	CS-44 (0-0.25')	116	119
880-67482-45	CS-45 (0-0.25')	124	124
880-67482-46	CS-46 (0-0.25')	127	128
880-67482-47	CS-47 (0-0.25')	130	137 S1+
880-67482-48	CS-48 (0-0.25')	128	132 S1+
880-67482-49	CS-49 (0-0.25')	124	128
880-67482-50	CS-50 (0-0.25')	129	136 S1+
880-67482-51	CS-51 (0-0.25')	122	125
880-67482-52	CS-52 (0-0.25')	117	118
880-67482-53	CS-53 (0-0.25')	120	124
880-67482-54	CS-54 (0-0.25')	128	134 S1+
880-67482-55	CS-55 (0-0.25')	124	126

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-67482-1

Project/Site: LOE East Pad- Zia Federal Com 706H

SDG: 3014

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-67482-56	CS-56 (0-0.25')	126	131 S1+
880-67482-57	CS-57 (0-0.25')	129	133 S1+
880-67482-58	CS-58 (0-0.25')	114	116
880-67482-58 MS	CS-58 (0-0.25')	106	117
880-67482-58 MSD	CS-58 (0-0.25')	109	118
880-67482-59	CS-59 (0-0.25')	120	124
880-67482-60	CS-60 (0-0.25')	120	124
880-67482-61	CS-61 (0-0.25')	125	128
880-67482-62	CS-62 (0-0.25')	120	125
880-67482-63	CS-63 (0-0.25')	120	119
880-67482-64	CS-64 (0-0.25')	120	124
880-67482-65	CS-65 (0-0.25')	125	130
880-67482-66	CS-66 (0-0.25')	120	121
880-67482-67	CS-67 (0-0.25')	116	121
880-67482-68	CS-68 (0-0.25')	118	123
880-67482-69	CS-69 (0-0.25')	117	120
880-67482-70	CS-70 (0-0.25')	115	119
880-67482-71	CS-71 (0-0.25')	117	119
880-67482-72	CS-72 (0-0.25')	114	115
880-67482-73	CS-73 (0-0.25')	117	124
880-67482-74	CS-74 (0-0.25')	119	125
880-67482-75	CS-75 (0-0.25')	117	121
880-67482-76	CS-76 (0-0.25')	117	122
880-67482-77	CS-77 (0-0.25')	113	118
880-67482-78	CS-78 (0-0.25')	104	106
880-67482-78 MS	CS-78 (0-0.25')	104	106
880-67482-78 MSD	CS-78 (0-0.25')	105	107
880-67482-79	CS-79 (0-0.25')	103	104
880-67482-80	CS-80 (0-0.25')	98	98
880-67482-81	CS-81 (0-0.25')	103	104
880-67482-82	CS-82 (0-0.25')	106	108
880-67482-83	CS-83 (0-0.25')	104	103
880-67482-84	CS-84 (0-0.25')	120	117
880-67482-85	CS-85 (0-0.25')	115	112
880-67482-86	CS-86 (0-0.25')	107	106
880-67482-87	CS-87 (0-0.25')	114	110
880-67482-88	CS-88 (0-0.25')	107	107
880-67482-89	CS-89 (0-0.25')	107	108
880-67482-90	CS-90 (0-0.25')	106	105
880-67482-91	CS-91 (0-0.25')	111	108
880-67482-92	CS-92 (0-0.25')	127	122
880-67482-93	CS-93 (0-0.25')	151 S1+	141 S1+
880-67482-94	CS-94 (0-0.25')	109	103
880-67482-95	CS-95 (0-0.25')	111	110
880-67482-96	CS-96 (0-0.25')	105	101
880-67482-97	CS-97 (0-0.25')	106	102
880-67482-98	CS-98 (0-0.25')	123	126
880-67482-98 MS	CS-98 (0-0.25')	114	131 S1+
880-67482-98 MSD	CS-98 (0-0.25')	122	135 S1+
880-67482-99	CS-99 (0-0.25')	133 S1+	138 S1+

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-67482-1

Project/Site: LOE East Pad- Zia Federal Com 706H

SDG: 3014

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-67482-100	CS-100 (0-0.25')	125	134 S1+
880-67482-101	CS-101 (0-0.25')	133 S1+	133 S1+
880-67482-102	CS-102 (0-0.25')	128	140 S1+
880-67482-103	CS-103 (0-0.25')	125	132 S1+
880-67482-104	CS-104 (0-0.25')	138 S1+	144 S1+
880-67482-105	CS-105 (0-0.25')	133 S1+	133 S1+
880-67482-106	CS-106 (0-0.25')	131 S1+	134 S1+
880-67482-107	CS-107 (0-0.25')	136 S1+	138 S1+
880-67482-108	CS-108 (0-0.25')	137 S1+	145 S1+
880-67482-109	CS-109 (0-0.25')	147 S1+	145 S1+
880-67482-110	CS-110 (0-0.25')	139 S1+	142 S1+
880-67482-111	CS-111 (0-0.25')	134 S1+	142 S1+
880-67482-112	CS-112 (0-0.25')	148 S1+	155 S1+
880-67482-113	CS-113 (0-0.25')	100	106
880-67482-114	CS-114 (0-0.25')	131 S1+	132 S1+
880-67482-115	CS-115 (0-0.25')	143 S1+	149 S1+
880-67482-116	CS-116 (0-0.25')	134 S1+	138 S1+
880-67482-117	CS-117 (0-0.25')	130	135 S1+
880-67482-118	CS-118 (0-0.25')	94	91
880-67482-118 MS	CS-118 (0-0.25')	97	99
880-67482-118 MSD	CS-118 (0-0.25')	100	102
880-67482-119	CS-119 (0-0.25')	107	103
880-67482-120	CS-120 (0-0.25')	108	107
880-67482-121	CS-121 (0-0.25')	111	102
880-67482-122	CS-122 (0-0.25')	116	105
880-67482-123	CS-123 (0-0.25')	108	106
880-67482-124	CS-124 (0-0.25')	81	79
880-67482-125	CS-125 (0-0.25')	115	110
880-67482-126	CS-126 (0-0.25')	115	104
880-67482-127	CS-127 (0-0.25')	121	112
880-67482-128	CS-128 (0-0.25')	120	118
880-67482-129	CS-129 (0-0.25')	105	102
880-67482-130	CS-130 (0-0.25')	103	101
880-67482-131	CS-131 (0-0.25')	112	112
880-67482-132	CS-132 (0-0.25')	100	100
880-67482-133	CS-133 (0-0.25')	110	104
880-67482-134	CS-134 (0-0.25')	107	102
880-67482-135	CS-135 (0-0.25')	107	101
880-67482-136	CS-136 (0-0.25')	103	101
880-67482-137	CS-137 (0-0.25')	112	105
880-67482-138	CS-138 (0-0.25')	99	99
880-67482-138 MS	CS-138 (0-0.25')	119	106
880-67482-138 MSD	CS-138 (0-0.25')	118	108
880-67482-139	CS-139 (0-0.25')	102	100
880-67482-140	CS-140 (0-0.25')	104	104
880-67482-141	CS-141 (0-0.25')	104	93
880-67482-142	CS-142 (0-0.25')	99	90
880-67482-143	CS-143 (0-0.25')	101	94
880-67482-144	CS-144 (0-0.25')	102	97
880-67482-145	CS-145 (0-0.25')	99	94

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-67482-1

Project/Site: LOE East Pad- Zia Federal Com 706H

SDG: 3014

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-67482-146	CS-146 (0-0.25')	97	92
880-67482-147	CS-147 (0-0.25')	99	94
880-67482-148	CS-148 (0-0.25')	104	96
880-67482-149	CS-149 (0-0.25')	99	93
880-67482-150	CS-150 (0-0.25')	95	90
880-67482-151	CS-151 (0-0.25')	101	96
880-67482-152	CS-152 (0-0.25')	107	100
880-67482-153	CS-153 (0-0.25')	100	94
880-67482-154	CS-154 (0-0.25')	95	91
880-67482-155	CS-155 (0-0.25')	100	95
880-67482-156	CS-156 (0-0.25')	100	95
880-67482-157	CS-157 (0-0.25')	100	95
880-67482-158	CS-158 (0-0.25')	97	101
880-67482-158 MS	CS-158 (0-0.25')	129	118
880-67482-158 MSD	CS-158 (0-0.25')	129	120
880-67482-159	CS-159 (0-0.25')	98	99
880-67482-160	CS-160 (0-0.25')	109	113
880-67482-161	CS-161 (0-0.25')	110	112
880-67482-162	CS-162 (0-0.25')	94	97
880-67482-163	CS-163 (0-0.25')	97	103
880-67482-164	CS-164 (0-0.25')	105	110
880-67482-165	CS-165 (0-0.25')	97	99
LCS 880-130151/2-A	Lab Control Sample	98	100
LCS 880-130152/2-A	Lab Control Sample	109	98
LCS 880-130153/2-A	Lab Control Sample	141 S1+	129
LCS 880-130155/2-A	Lab Control Sample	111	128
LCS 880-130156/2-A	Lab Control Sample	89	93
LCS 880-130157/2-A	Lab Control Sample	130	118
LCS 880-130158/2-A	Lab Control Sample	80	83
LCS 880-130159/2-A	Lab Control Sample	118	112
LCS 880-130160/2-A	Lab Control Sample	124	117
LCSD 880-130151/3-A	Lab Control Sample Dup	98	101
LCSD 880-130152/3-A	Lab Control Sample Dup	109	99
LCSD 880-130153/3-A	Lab Control Sample Dup	157 S1+	145 S1+
LCSD 880-130155/3-A	Lab Control Sample Dup	140 S1+	128
LCSD 880-130156/3-A	Lab Control Sample Dup	88	92
LCSD 880-130157/3-A	Lab Control Sample Dup	112	129
LCSD 880-130158/3-A	Lab Control Sample Dup	81	85
LCSD 880-130159/3-A	Lab Control Sample Dup	109	103
LCSD 880-130160/3-A	Lab Control Sample Dup	94	92
MB 880-130151/1-A	Method Blank	116	125
MB 880-130152/1-A	Method Blank	90	86
MB 880-130153/1-A	Method Blank	126	130
MB 880-130155/1-A	Method Blank	122	125
MB 880-130156/1-A	Method Blank	100	97
MB 880-130157/1-A	Method Blank	113	118
MB 880-130158/1-A	Method Blank	90	87
MB 880-130159/1-A	Method Blank	121	115
MB 880-130160/1-A	Method Blank	108	114

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Surrogate Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-129917/5-A

Matrix: Solid

Analysis Batch: 130615

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 129917

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/26/26 13:10	02/03/26 11:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/26 13:10	02/03/26 11:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/26 13:10	02/03/26 11:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/26/26 13:10	02/03/26 11:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/26 13:10	02/03/26 11:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/26/26 13:10	02/03/26 11:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/26/26 13:10	02/03/26 11:32	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/26/26 13:10	02/03/26 11:32	1

Lab Sample ID: MB 880-130648/5-A

Matrix: Solid

Analysis Batch: 130611

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130648

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/26 00:00	02/03/26 09:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/26 00:00	02/03/26 09:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/26 00:00	02/03/26 09:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/03/26 00:00	02/03/26 09:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/26 00:00	02/03/26 09:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/03/26 00:00	02/03/26 09:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	02/03/26 00:00	02/03/26 09:21	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/03/26 00:00	02/03/26 09:21	1

Lab Sample ID: MB 880-130748/5-A

Matrix: Solid

Analysis Batch: 130701

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130748

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:55	02/03/26 17:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:55	02/03/26 17:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:55	02/03/26 17:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/03/26 08:55	02/03/26 17:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:55	02/03/26 17:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/03/26 08:55	02/03/26 17:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/03/26 08:55	02/03/26 17:53	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/03/26 08:55	02/03/26 17:53	1

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: LCS 880-130748/1-A

Matrix: Solid

Analysis Batch: 130701

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130748

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1004		mg/Kg		100	70 - 130
Toluene	0.100	0.08972		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09261		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1815		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09103		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-130748/2-A

Matrix: Solid

Analysis Batch: 130701

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130748

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1051		mg/Kg		105	70 - 130	5	35
Toluene	0.100	0.09411		mg/Kg		94	70 - 130	5	35
Ethylbenzene	0.100	0.09812		mg/Kg		98	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1947		mg/Kg		97	70 - 130	7	35
o-Xylene	0.100	0.09751		mg/Kg		98	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-67482-1 MS

Matrix: Solid

Analysis Batch: 130701

Client Sample ID: CS-1 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130748

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07220		mg/Kg		72	70 - 130
Toluene	<0.00200	U F1	0.100	0.06804	F1	mg/Kg		68	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07355		mg/Kg		74	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1417		mg/Kg		71	70 - 130
o-Xylene	<0.00200	U	0.100	0.07050		mg/Kg		70	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-67482-1 MSD

Matrix: Solid

Analysis Batch: 130701

Client Sample ID: CS-1 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130748

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	0.08810		mg/Kg		88	70 - 130	20	35
Toluene	<0.00200	U F1	0.100	0.08096		mg/Kg		81	70 - 130	17	35
Ethylbenzene	<0.00200	U	0.100	0.08538		mg/Kg		85	70 - 130	15	35

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: 880-67482-1 MSD

Matrix: Solid

Analysis Batch: 130701

Client Sample ID: CS-1 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130748

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1712		mg/Kg		86	70 - 130	19	35
o-Xylene	<0.00200	U	0.100	0.08522		mg/Kg		85	70 - 130	19	35
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	102		70 - 130								
1,4-Difluorobenzene (Surr)	103		70 - 130								

Lab Sample ID: MB 880-130749/5-A

Matrix: Solid

Analysis Batch: 130611

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130749

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/03/26 20:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/03/26 20:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/03/26 20:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/03/26 08:59	02/03/26 20:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/26 08:59	02/03/26 20:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/03/26 08:59	02/03/26 20:18	1
Surrogate	MB %Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				02/03/26 08:59	02/03/26 20:18	1
1,4-Difluorobenzene (Surr)	94		70 - 130				02/03/26 08:59	02/03/26 20:18	1

Lab Sample ID: LCS 880-130749/1-A

Matrix: Solid

Analysis Batch: 130611

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130749

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09570		mg/Kg		96	70 - 130
Toluene	0.100	0.1035		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.09439		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1958		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09684		mg/Kg		97	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits				
4-Bromofluorobenzene (Surr)	103		70 - 130				
1,4-Difluorobenzene (Surr)	96		70 - 130				

Lab Sample ID: LCSD 880-130749/2-A

Matrix: Solid

Analysis Batch: 130611

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130749

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08857		mg/Kg		89	70 - 130	8	35
Toluene	0.100	0.1098		mg/Kg		110	70 - 130	6	35
Ethylbenzene	0.100	0.1046		mg/Kg		105	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2285		mg/Kg		114	70 - 130	15	35
o-Xylene	0.100	0.1131		mg/Kg		113	70 - 130	16	35

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-67482-21 MS

Matrix: Solid

Analysis Batch: 130611

Client Sample ID: CS-21 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130749

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07554		mg/Kg		76	70 - 130
Toluene	<0.00200	U	0.100	0.07980		mg/Kg		80	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07316		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1397		mg/Kg		70	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06886	F1	mg/Kg		69	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-67482-21 MSD

Matrix: Solid

Analysis Batch: 130611

Client Sample ID: CS-21 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130749

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	0.09155		mg/Kg		92	70 - 130	19	35
Toluene	<0.00200	U	0.100	0.09268		mg/Kg		93	70 - 130	15	35
Ethylbenzene	<0.00200	U	0.100	0.08188		mg/Kg		82	70 - 130	11	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1645		mg/Kg		82	70 - 130	16	35
o-Xylene	<0.00200	U F1	0.100	0.08085		mg/Kg		81	70 - 130	16	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-130755/5-A

Matrix: Solid

Analysis Batch: 130615

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130755

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/03/26 22:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/03/26 22:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/03/26 22:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/03/26 09:12	02/03/26 22:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/26 09:12	02/03/26 22:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/03/26 09:12	02/03/26 22:59	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	100		70 - 130	02/03/26 09:12	02/03/26 22:59	1			
1,4-Difluorobenzene (Surr)	88		70 - 130	02/03/26 09:12	02/03/26 22:59	1			

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: LCS 880-130755/1-A

Matrix: Solid

Analysis Batch: 130615

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130755

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1020		mg/Kg		102	70 - 130
Toluene	0.100	0.09133		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.1153		mg/Kg		115	70 - 130
m-Xylene & p-Xylene	0.200	0.2095		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1032		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-130755/2-A

Matrix: Solid

Analysis Batch: 130615

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130755

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08883		mg/Kg		89	70 - 130	14	35
Toluene	0.100	0.09079		mg/Kg		91	70 - 130	1	35
Ethylbenzene	0.100	0.1010		mg/Kg		101	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.1866		mg/Kg		93	70 - 130	12	35
o-Xylene	0.100	0.09145		mg/Kg		91	70 - 130	12	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 880-67482-41 MS

Matrix: Solid

Analysis Batch: 130615

Client Sample ID: CS-41 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130755

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09441		mg/Kg		94	70 - 130
Toluene	<0.00200	U	0.100	0.09611		mg/Kg		96	70 - 130
Ethylbenzene	<0.00200	U F2	0.100	0.1064		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1936		mg/Kg		97	70 - 130
o-Xylene	<0.00200	U	0.100	0.09380		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-67482-41 MSD

Matrix: Solid

Analysis Batch: 130615

Client Sample ID: CS-41 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130755

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	0.1015		mg/Kg		101	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.08798		mg/Kg		88	70 - 130	9	35
Ethylbenzene	<0.00200	U F2	0.100	0.07321	F2	mg/Kg		73	70 - 130	37	35

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: 880-67482-41 MSD

Matrix: Solid

Analysis Batch: 130615

Client Sample ID: CS-41 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130755

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1460		mg/Kg		73	70 - 130	28	35
o-Xylene	<0.00200	U	0.100	0.08704		mg/Kg		87	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-130757/5-A

Matrix: Solid

Analysis Batch: 130802

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130757

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:16	02/05/26 01:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:16	02/05/26 01:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:16	02/05/26 01:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/04/26 09:16	02/05/26 01:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:16	02/05/26 01:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 09:16	02/05/26 01:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	02/04/26 09:16	02/05/26 01:39	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/04/26 09:16	02/05/26 01:39	1

Lab Sample ID: LCS 880-130757/1-A

Matrix: Solid

Analysis Batch: 130802

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130757

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09567		mg/Kg		96	70 - 130
Toluene	0.100	0.09651		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.08400		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	0.200	0.1695		mg/Kg		85	70 - 130
o-Xylene	0.100	0.08453		mg/Kg		85	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-130757/2-A

Matrix: Solid

Analysis Batch: 130802

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130757

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09630		mg/Kg		96	70 - 130	1	35
Toluene	0.100	0.09765		mg/Kg		98	70 - 130	1	35
Ethylbenzene	0.100	0.08483		mg/Kg		85	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1700		mg/Kg		85	70 - 130	0	35
o-Xylene	0.100	0.08528		mg/Kg		85	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-67482-16 MS

Matrix: Solid

Analysis Batch: 130802

Client Sample ID: CS-16 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130757

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.08107		mg/Kg		81	70 - 130
Toluene	<0.00200	U F1	0.100	0.08223		mg/Kg		82	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.07102		mg/Kg		71	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1414		mg/Kg		71	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06929	F1	mg/Kg		69	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-67482-16 MSD

Matrix: Solid

Analysis Batch: 130802

Client Sample ID: CS-16 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130757

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	0.06286	F1	mg/Kg		63	70 - 130	25	35
Toluene	<0.00200	U F1	0.100	0.06734	F1	mg/Kg		67	70 - 130	20	35
Ethylbenzene	<0.00200	U F1	0.100	0.06118	F1	mg/Kg		61	70 - 130	15	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1202	F1	mg/Kg		60	70 - 130	16	35
o-Xylene	<0.00200	U F1	0.100	0.06162	F1	mg/Kg		62	70 - 130	12	35

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

Lab Sample ID: MB 880-130759/5-A

Matrix: Solid

Analysis Batch: 130740

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130759

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:18	02/04/26 11:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:18	02/04/26 11:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:18	02/04/26 11:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/04/26 09:18	02/04/26 11:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:18	02/04/26 11:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 09:18	02/04/26 11:22	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	92		70 - 130	02/04/26 09:18	02/04/26 11:22	1			
1,4-Difluorobenzene (Surr)	108		70 - 130	02/04/26 09:18	02/04/26 11:22	1			

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: LCS 880-130759/1-A

Matrix: Solid

Analysis Batch: 130740

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130759

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1076		mg/Kg		108	70 - 130
Toluene	0.100	0.1003		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1064		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.2109		mg/Kg		105	70 - 130
o-Xylene	0.100	0.09919		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: LCSD 880-130759/2-A

Matrix: Solid

Analysis Batch: 130740

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130759

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1056		mg/Kg		106	70 - 130	2	35
Toluene	0.100	0.09873		mg/Kg		99	70 - 130	2	35
Ethylbenzene	0.100	0.1075		mg/Kg		108	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2059		mg/Kg		103	70 - 130	2	35
o-Xylene	0.100	0.09812		mg/Kg		98	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 880-67675-A-41-E MS

Matrix: Solid

Analysis Batch: 130740

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 130759

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08769		mg/Kg		88	70 - 130
Toluene	<0.00200	U	0.100	0.07999		mg/Kg		80	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08775		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1684		mg/Kg		84	70 - 130
o-Xylene	<0.00200	U	0.100	0.07966		mg/Kg		80	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: 880-67675-A-41-F MSD

Matrix: Solid

Analysis Batch: 130740

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 130759

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	0.1021		mg/Kg		102	70 - 130	15	35
Toluene	<0.00200	U	0.100	0.09524		mg/Kg		95	70 - 130	17	35
Ethylbenzene	<0.00200	U	0.100	0.1007		mg/Kg		101	70 - 130	14	35

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: 880-67675-A-41-F MSD

Matrix: Solid

Analysis Batch: 130740

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 130759

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1982		mg/Kg		99	70 - 130	16	35
o-Xylene	<0.00200	U	0.100	0.09373		mg/Kg		94	70 - 130	16	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	102		70 - 130								
1,4-Difluorobenzene (Surr)	112		70 - 130								

Lab Sample ID: MB 880-130760/5-A

Matrix: Solid

Analysis Batch: 130739

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130760

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:24	02/04/26 11:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:24	02/04/26 11:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:24	02/04/26 11:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/04/26 09:24	02/04/26 11:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:24	02/04/26 11:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 09:24	02/04/26 11:39	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				02/04/26 09:24	02/04/26 11:39	1
1,4-Difluorobenzene (Surr)	108		70 - 130				02/04/26 09:24	02/04/26 11:39	1

Lab Sample ID: MB 880-130763/5-A

Matrix: Solid

Analysis Batch: 130738

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130763

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:30	02/04/26 11:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:30	02/04/26 11:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:30	02/04/26 11:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/04/26 09:30	02/04/26 11:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 09:30	02/04/26 11:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 09:30	02/04/26 11:18	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/04/26 09:30	02/04/26 11:18	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/04/26 09:30	02/04/26 11:18	1

Lab Sample ID: LCS 880-130763/1-A

Matrix: Solid

Analysis Batch: 130738

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09698		mg/Kg		97	70 - 130
Toluene	0.100	0.08758		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.09049		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1783		mg/Kg		89	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: LCS 880-130763/1-A

Matrix: Solid

Analysis Batch: 130738

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09029		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-130763/2-A

Matrix: Solid

Analysis Batch: 130738

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130763

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09885		mg/Kg		99	70 - 130	2	35
Toluene	0.100	0.08846		mg/Kg		88	70 - 130	1	35
Ethylbenzene	0.100	0.09040		mg/Kg		90	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1775		mg/Kg		89	70 - 130	0	35
o-Xylene	0.100	0.09006		mg/Kg		90	70 - 130	0	35

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

Lab Sample ID: 880-67698-A-1-B MS

Matrix: Solid

Analysis Batch: 130738

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 130763

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1009		mg/Kg		101	70 - 130
Toluene	<0.00200	U	0.100	0.08938		mg/Kg		89	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09465		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1870		mg/Kg		94	70 - 130
o-Xylene	<0.00200	U	0.100	0.09299		mg/Kg		93	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-67698-A-1-C MSD

Matrix: Solid

Analysis Batch: 130738

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 130763

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.1059		mg/Kg		106	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.09565		mg/Kg		96	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.100	0.1011		mg/Kg		101	70 - 130	7	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2006		mg/Kg		100	70 - 130	7	35
o-Xylene	<0.00200	U	0.100	0.09995		mg/Kg		100	70 - 130	7	35

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: 880-67698-A-1-C MSD

Matrix: Solid

Analysis Batch: 130738

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 130763

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

Lab Sample ID: MB 880-130808/5-A

Matrix: Solid

Analysis Batch: 130803

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130808

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 14:14	1	
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 14:14	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 14:14	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/04/26 12:10	02/04/26 14:14	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:10	02/04/26 14:14	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 12:10	02/04/26 14:14	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				02/04/26 12:10	02/04/26 14:14	1	
1,4-Difluorobenzene (Surr)	88		70 - 130				02/04/26 12:10	02/04/26 14:14	1	

Lab Sample ID: LCS 880-130808/1-A

Matrix: Solid

Analysis Batch: 130803

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130808

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.09855		mg/Kg		99	70 - 130			
Toluene	0.100	0.08830		mg/Kg		88	70 - 130			
Ethylbenzene	0.100	0.07889		mg/Kg		79	70 - 130			
m-Xylene & p-Xylene	0.200	0.2148		mg/Kg		107	70 - 130			
o-Xylene	0.100	0.1049		mg/Kg		105	70 - 130			
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	101		70 - 130							
1,4-Difluorobenzene (Surr)	97		70 - 130							

Lab Sample ID: LCSD 880-130808/2-A

Matrix: Solid

Analysis Batch: 130803

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130808

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1027		mg/Kg		103	70 - 130	4	35	
Toluene	0.100	0.08812		mg/Kg		88	70 - 130	0	35	
Ethylbenzene	0.100	0.04578	* - *1	mg/Kg		46	70 - 130	53	35	
m-Xylene & p-Xylene	0.200	0.2188		mg/Kg		109	70 - 130	2	35	
o-Xylene	0.100	0.1063		mg/Kg		106	70 - 130	1	35	
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	101		70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: LCSD 880-130808/2-A

Matrix: Solid

Analysis Batch: 130803

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130808

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

Lab Sample ID: 880-67482-101 MS

Matrix: Solid

Analysis Batch: 130803

Client Sample ID: CS-101 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130808

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00200	U	0.100	0.08982		mg/Kg		90	70 - 130
Toluene	<0.00200	U	0.100	0.09058		mg/Kg		91	70 - 130
Ethylbenzene	<0.00200	U * - *1	0.100	0.1002		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1838		mg/Kg		92	70 - 130
o-Xylene	<0.00200	U	0.100	0.08980		mg/Kg		90	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-67482-101 MSD

Matrix: Solid

Analysis Batch: 130803

Client Sample ID: CS-101 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130808

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09747		mg/Kg		97	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.09532		mg/Kg		95	70 - 130	5	35
Ethylbenzene	<0.00200	U * - *1	0.100	0.1133		mg/Kg		113	70 - 130	12	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2031		mg/Kg		102	70 - 130	10	35
o-Xylene	<0.00200	U	0.100	0.09852		mg/Kg		99	70 - 130	9	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: MB 880-130809/5-A

Matrix: Solid

Analysis Batch: 130802

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130809

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 14:10	1	
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 14:10	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 14:10	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/04/26 12:11	02/04/26 14:10	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:11	02/04/26 14:10	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 12:11	02/04/26 14:10	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
4-Bromofluorobenzene (Surr)	100		70 - 130	02/04/26 12:11	02/04/26 14:10	1				
1,4-Difluorobenzene (Surr)	100		70 - 130	02/04/26 12:11	02/04/26 14:10	1				

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: LCS 880-130809/1-A

Matrix: Solid

Analysis Batch: 130802

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130809

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09898		mg/Kg		99	70 - 130
Toluene	0.100	0.1010		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.08941		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.200	0.1828		mg/Kg		91	70 - 130
o-Xylene	0.100	0.08964		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-130809/2-A

Matrix: Solid

Analysis Batch: 130802

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130809

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1061		mg/Kg		106	70 - 130	7	35
Toluene	0.100	0.1061		mg/Kg		106	70 - 130	5	35
Ethylbenzene	0.100	0.09320		mg/Kg		93	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1894		mg/Kg		95	70 - 130	4	35
o-Xylene	0.100	0.09314		mg/Kg		93	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-67482-81 MS

Matrix: Solid

Analysis Batch: 130802

Client Sample ID: CS-81 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130809

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.002996	F1	mg/Kg		3	70 - 130
Toluene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	<0.00400	U F1	mg/Kg		0	70 - 130
o-Xylene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130

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

Lab Sample ID: 880-67482-81 MSD

Matrix: Solid

Analysis Batch: 130802

Client Sample ID: CS-81 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130809

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	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Toluene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: 880-67482-81 MSD

Matrix: Solid

Analysis Batch: 130802

Client Sample ID: CS-81 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130809

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U F1	0.200	<0.00400	U F1	mg/Kg		0	70 - 130	NC	35
o-Xylene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35

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

Lab Sample ID: MB 880-130810/5-A

Matrix: Solid

Analysis Batch: 130739

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130810

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/04/26 23:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/04/26 23:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/04/26 23:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/04/26 12:20	02/04/26 23:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:20	02/04/26 23:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 12:20	02/04/26 23:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	02/04/26 12:20	02/04/26 23:12	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/04/26 12:20	02/04/26 23:12	1

Lab Sample ID: LCS 880-130810/1-A

Matrix: Solid

Analysis Batch: 130739

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130810

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08676		mg/Kg		87	70 - 130
Toluene	0.100	0.09122		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09827		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.2083		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1069		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-130810/2-A

Matrix: Solid

Analysis Batch: 130739

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130810

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08869		mg/Kg		89	70 - 130	2	35
Toluene	0.100	0.09837		mg/Kg		98	70 - 130	8	35
Ethylbenzene	0.100	0.1056		mg/Kg		106	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2268		mg/Kg		113	70 - 130	8	35
o-Xylene	0.100	0.1154		mg/Kg		115	70 - 130	8	35

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-67482-61 MS

Matrix: Solid

Analysis Batch: 130739

Client Sample ID: CS-61 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130810

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U F1	0.100	0.06838	F1	mg/Kg		68	70 - 130	
Toluene	<0.00200	U	0.100	0.07785		mg/Kg		78	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.08695		mg/Kg		87	70 - 130	
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1866		mg/Kg		93	70 - 130	
o-Xylene	<0.00200	U	0.100	0.09528		mg/Kg		95	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-67482-61 MSD

Matrix: Solid

Analysis Batch: 130739

Client Sample ID: CS-61 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130810

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00200	U F1	0.100	0.08828		mg/Kg		88	70 - 130	25	35	
Toluene	<0.00200	U	0.100	0.08762		mg/Kg		88	70 - 130	12	35	
Ethylbenzene	<0.00200	U	0.100	0.09136		mg/Kg		91	70 - 130	5	35	
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1922		mg/Kg		96	70 - 130	3	35	
o-Xylene	<0.00200	U	0.100	0.09753		mg/Kg		98	70 - 130	2	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-130811/5-A

Matrix: Solid

Analysis Batch: 130803

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130811

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 01:43	1	
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 01:43	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 01:43	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/04/26 12:22	02/05/26 01:43	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:22	02/05/26 01:43	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 12:22	02/05/26 01:43	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	105		70 - 130	02/04/26 12:22	02/05/26 01:43	1				
1,4-Difluorobenzene (Surr)	89		70 - 130	02/04/26 12:22	02/05/26 01:43	1				

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: LCS 880-130811/1-A

Matrix: Solid

Analysis Batch: 130803

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130811

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09867		mg/Kg		99	70 - 130
Toluene	0.100	0.08815		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.07795		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	0.200	0.1443		mg/Kg		72	70 - 130
o-Xylene	0.100	0.08474		mg/Kg		85	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-130811/2-A

Matrix: Solid

Analysis Batch: 130803

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130811

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1001		mg/Kg		100	70 - 130	1	35
Toluene	0.100	0.09210		mg/Kg		92	70 - 130	4	35
Ethylbenzene	0.100	0.1126	*1	mg/Kg		113	70 - 130	36	35
m-Xylene & p-Xylene	0.200	0.2085	*1	mg/Kg		104	70 - 130	36	35
o-Xylene	0.100	0.1028		mg/Kg		103	70 - 130	19	35

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

Lab Sample ID: 880-67482-121 MS

Matrix: Solid

Analysis Batch: 130803

Client Sample ID: CS-121 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130811

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.07078		mg/Kg		71	70 - 130
Toluene	<0.00200	U F1	0.100	0.07218		mg/Kg		72	70 - 130
Ethylbenzene	<0.00200	U F2 F1 *1	0.100	0.08043		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00399	U F2 F1 *1	0.200	0.1468		mg/Kg		73	70 - 130
o-Xylene	<0.00200	U F2 F1	0.100	0.07229		mg/Kg		72	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-67482-121 MSD

Matrix: Solid

Analysis Batch: 130803

Client Sample ID: CS-121 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130811

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	0.05214	F1	mg/Kg		52	70 - 130	30	35

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: 880-67482-121 MSD

Matrix: Solid

Analysis Batch: 130803

Client Sample ID: CS-121 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130811

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	<0.00200	U F1	0.100	0.05102	F1	mg/Kg		51	70 - 130	34	35
Ethylbenzene	<0.00200	U F2 F1	0.100	0.05017	F2 F1	mg/Kg		50	70 - 130	46	35
m-Xylene & p-Xylene	<0.00399	U F2 F1 *1	0.200	0.08983	F2 F1	mg/Kg		45	70 - 130	48	35
o-Xylene	<0.00200	U F2 F1	0.100	0.04560	F2 F1	mg/Kg		46	70 - 130	45	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	96		70 - 130								
1,4-Difluorobenzene (Surr)	88		70 - 130								

Lab Sample ID: MB 880-130812/5-A

Matrix: Solid

Analysis Batch: 130885

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130812

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 11:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 11:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 11:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/04/26 12:24	02/05/26 11:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/04/26 12:24	02/05/26 11:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/04/26 12:24	02/05/26 11:41	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				02/04/26 12:24	02/05/26 11:41	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/04/26 12:24	02/05/26 11:41	1

Lab Sample ID: LCS 880-130812/1-A

Matrix: Solid

Analysis Batch: 130885

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130812

			Spike	LCS	LCS					%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene			0.100	0.09170		mg/Kg		92	70 - 130			
Toluene			0.100	0.09688		mg/Kg		97	70 - 130			
Ethylbenzene			0.100	0.1050		mg/Kg		105	70 - 130			
m-Xylene & p-Xylene			0.200	0.2225		mg/Kg		111	70 - 130			
o-Xylene			0.100	0.1130		mg/Kg		113	70 - 130			
			LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	119		70 - 130									
1,4-Difluorobenzene (Surr)	99		70 - 130									

Lab Sample ID: LCSD 880-130812/2-A

Matrix: Solid

Analysis Batch: 130885

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130812

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09137		mg/Kg		91	70 - 130	0	35

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: LCSD 880-130812/2-A

Matrix: Solid

Analysis Batch: 130885

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130812

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09979		mg/Kg		100	70 - 130	3	35
Ethylbenzene	0.100	0.1069		mg/Kg		107	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2260		mg/Kg		113	70 - 130	2	35
o-Xylene	0.100	0.1143		mg/Kg		114	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-67482-141 MS

Matrix: Solid

Analysis Batch: 130885

Client Sample ID: CS-141 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130812

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07505		mg/Kg		75	70 - 130
Toluene	<0.00200	U	0.100	0.07877		mg/Kg		79	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08291		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1757		mg/Kg		88	70 - 130
o-Xylene	<0.00200	U	0.100	0.08980		mg/Kg		90	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-67482-141 MSD

Matrix: Solid

Analysis Batch: 130885

Client Sample ID: CS-141 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130812

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	0.07692		mg/Kg		77	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.08149		mg/Kg		81	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.08497		mg/Kg		85	70 - 130	2	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1851		mg/Kg		93	70 - 130	5	35
o-Xylene	<0.00200	U	0.100	0.09503		mg/Kg		95	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-130913/5-A

Matrix: Solid

Analysis Batch: 130879

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130913

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/05/26 09:47	02/05/26 11:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/05/26 09:47	02/05/26 11:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/05/26 09:47	02/05/26 11:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/05/26 09:47	02/05/26 11:23	1

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: MB 880-130913/5-A

Matrix: Solid

Analysis Batch: 130879

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130913

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/05/26 09:47	02/05/26 11:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/05/26 09:47	02/05/26 11:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/05/26 09:47	02/05/26 11:23	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/05/26 09:47	02/05/26 11:23	1

Lab Sample ID: LCS 880-130913/1-A

Matrix: Solid

Analysis Batch: 130879

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130913

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1054		mg/Kg		105	70 - 130
Toluene	0.100	0.09562		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09659		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1888		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09468		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-130913/2-A

Matrix: Solid

Analysis Batch: 130879

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130913

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1055		mg/Kg		106	70 - 130	0	35
Toluene	0.100	0.09511		mg/Kg		95	70 - 130	1	35
Ethylbenzene	0.100	0.09616		mg/Kg		96	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1892		mg/Kg		95	70 - 130	0	35
o-Xylene	0.100	0.09515		mg/Kg		95	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-9444-A-21-E MS

Matrix: Solid

Analysis Batch: 130879

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 130913

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09890		mg/Kg		99	70 - 130
Toluene	<0.00200	U	0.100	0.08880		mg/Kg		89	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09437		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1855		mg/Kg		93	70 - 130
o-Xylene	<0.00200	U	0.100	0.09239		mg/Kg		92	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: 890-9444-A-21-E MS

Matrix: Solid

Analysis Batch: 130879

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 130913

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 890-9444-A-21-F MSD

Matrix: Solid

Analysis Batch: 130879

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 130913

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	0.09351		mg/Kg		94	70 - 130	6	35
Toluene	<0.00200	U	0.100	0.08414		mg/Kg		84	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.08927		mg/Kg		89	70 - 130	6	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1751		mg/Kg		88	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.08733		mg/Kg		87	70 - 130	6	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

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

Lab Sample ID: MB 880-130151/1-A

Matrix: Solid

Analysis Batch: 130500

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130151

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:51	02/02/26 08:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:51	02/02/26 08:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:51	02/02/26 08:42	1

	MB	MB					Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	116		70 - 130				01/28/26 14:51	02/02/26 08:42	1
o-Terphenyl (Surr)	125		70 - 130				01/28/26 14:51	02/02/26 08:42	1

Lab Sample ID: LCS 880-130151/2-A

Matrix: Solid

Analysis Batch: 130500

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130151

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	953.4		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	994.7		mg/Kg		99	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	100		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: LCSD 880-130151/3-A

Matrix: Solid

Analysis Batch: 130500

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130151

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	871.0		mg/Kg		87	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	924.1		mg/Kg		92	70 - 130	7	20
	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	98		70 - 130						
o-Terphenyl (Surr)	101		70 - 130						

Lab Sample ID: 880-67481-A-23-B MS

Matrix: Solid

Analysis Batch: 130500

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 130151

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	1000	848.5		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.2	U	1000	783.6		mg/Kg		78	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	115		70 - 130								
o-Terphenyl (Surr)	113		70 - 130								

Lab Sample ID: 880-67481-A-23-C MSD

Matrix: Solid

Analysis Batch: 130500

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 130151

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	<50.2	U	1000	863.3		mg/Kg		86	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.2	U	1000	799.2		mg/Kg		80	70 - 130	2	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	117		70 - 130								
o-Terphenyl (Surr)	113		70 - 130								

Lab Sample ID: MB 880-130152/1-A

Matrix: Solid

Analysis Batch: 130450

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130152

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:55	01/31/26 17:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:55	01/31/26 17:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:55	01/31/26 17:50	1

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: MB 880-130152/1-A

Matrix: Solid

Analysis Batch: 130450

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130152

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130	01/28/26 14:55	01/31/26 17:50	1
o-Terphenyl (Surr)	86		70 - 130	01/28/26 14:55	01/31/26 17:50	1

Lab Sample ID: LCS 880-130152/2-A

Matrix: Solid

Analysis Batch: 130450

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130152

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	1085		mg/Kg		109	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	1066		mg/Kg		107	70 - 130	

	LCS	LCS				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane (Surr)	109		70 - 130			
o-Terphenyl (Surr)	98		70 - 130			

Lab Sample ID: LCSD 880-130152/3-A

Matrix: Solid

Analysis Batch: 130450

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130152

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1036		mg/Kg		104	70 - 130	5	20	
Diesel Range Organics (Over C10-C28)			1000	1127		mg/Kg		113	70 - 130	6	20	

	LCSD	LCSD				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane (Surr)	109		70 - 130			
o-Terphenyl (Surr)	99		70 - 130			

Lab Sample ID: 880-67482-18 MS

Matrix: Solid

Analysis Batch: 130450

Client Sample ID: CS-18 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130152

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	817.6		mg/Kg		82	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	997	825.9		mg/Kg		83	70 - 130	

	MS	MS				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane (Surr)	96		70 - 130			
o-Terphenyl (Surr)	89		70 - 130			

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: 880-67482-18 MSD

Matrix: Solid

Analysis Batch: 130450

Client Sample ID: CS-18 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130152

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	826.7		mg/Kg		83	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	857.2		mg/Kg		86	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	97		70 - 130								
o-Terphenyl (Surr)	91		70 - 130								

Lab Sample ID: MB 880-130153/1-A

Matrix: Solid

Analysis Batch: 130517

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130153

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/02/26 23:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/02/26 23:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	02/02/26 23:37	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130				01/28/26 14:57	02/02/26 23:37	1
o-Terphenyl (Surr)	130		70 - 130				01/28/26 14:57	02/02/26 23:37	1

Lab Sample ID: LCS 880-130153/2-A

Matrix: Solid

Analysis Batch: 130517

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130153

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1149		mg/Kg		115	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1138		mg/Kg		114	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane (Surr)	141	S1+	70 - 130						
o-Terphenyl (Surr)	129		70 - 130						

Lab Sample ID: LCSD 880-130153/3-A

Matrix: Solid

Analysis Batch: 130517

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130153

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1165		mg/Kg		116	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1203		mg/Kg		120	70 - 130	6	20

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: LCSD 880-130153/3-A

Matrix: Solid

Analysis Batch: 130517

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130153

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	157	S1+	70 - 130
o-Terphenyl (Surr)	145	S1+	70 - 130

Lab Sample ID: 880-67482-38 MS

Matrix: Solid

Analysis Batch: 130517

Client Sample ID: CS-38 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130153

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	999	1060		mg/Kg		106	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.1	U	999	1147		mg/Kg		115	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	123		70 - 130							
o-Terphenyl (Surr)	139	S1+	70 - 130							

Lab Sample ID: 880-67482-38 MSD

Matrix: Solid

Analysis Batch: 130517

Client Sample ID: CS-38 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130153

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	999	1038		mg/Kg		104	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	<50.1	U	999	1119		mg/Kg		112	70 - 130	2	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane (Surr)	121		70 - 130									
o-Terphenyl (Surr)	134	S1+	70 - 130									

Lab Sample ID: MB 880-130155/1-A

Matrix: Solid

Analysis Batch: 130443

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130155

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 18:20	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 18:20	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:57	01/31/26 18:20	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane (Surr)	122		70 - 130				01/28/26 14:57	01/31/26 18:20	1		
o-Terphenyl (Surr)	125		70 - 130				01/28/26 14:57	01/31/26 18:20	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: LCS 880-130155/2-A

Matrix: Solid

Analysis Batch: 130443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130155

Analyte			Spike	LCS	LCS	Unit	D	%Rec		
			Added	Result	Qualifier			%Rec		
Gasoline Range Organics (GRO)-C6-C10			1000	1019		mg/Kg		102	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	1128		mg/Kg		113	70 - 130	
		LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	111		70 - 130							
o-Terphenyl (Surr)	128		70 - 130							

Lab Sample ID: LCSD 880-130155/3-A

Matrix: Solid

Analysis Batch: 130443

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130155

Analyte			Spike	LCSD	LCSD			%Rec			RPD
			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1028		mg/Kg		103	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1075		mg/Kg		107	70 - 130	5	20

Lab Sample ID: 880-67482-58 MS

Matrix: Solid

Analysis Batch: 130443

Client Sample ID: CS-58 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130155

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	894.9		mg/Kg		89	70 - 130			
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	946.0		mg/Kg		93	70 - 130			
Surrogate	MS	MS	Limits									
	%Recovery	Qualifier										
1-Chlorooctane (Surr)	106		70 - 130									
o-Terphenyl (Surr)	117		70 - 130									

Lab Sample ID: 880-67482-58 MSD

Matrix: Solid

Analysis Batch: 130443

Client Sample ID: CS-58 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130155

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	892.8		mg/Kg		89	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	941.1		mg/Kg		92	70 - 130	1	20
							</				

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: 880-67482-58 MSD

Matrix: Solid

Analysis Batch: 130443

Client Sample ID: CS-58 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130155

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	118		70 - 130

Lab Sample ID: MB 880-130156/1-A

Matrix: Solid

Analysis Batch: 130520

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130156

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 23:37	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 23:37	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 23:37	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	100		70 - 130				01/28/26 14:58	02/02/26 23:37	1	
<i>o</i> -Terphenyl (Surr)	97		70 - 130				01/28/26 14:58	02/02/26 23:37	1	

Lab Sample ID: LCS 880-130156/2-A

Matrix: Solid

Analysis Batch: 130520

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130156

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	1001		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1125		mg/Kg		113	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	89		70 - 130							
<i>o</i> -Terphenyl (Surr)	93		70 - 130							

Lab Sample ID: LCSD 880-130156/3-A

Matrix: Solid

Analysis Batch: 130520

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130156

		Spike	LCSD	LCSD				%Rec		RPD	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10		1000	1007		mg/Kg		101	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)		1000	1143		mg/Kg		114	70 - 130	2	20	
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	88		70 - 130								
<i>o</i> -Terphenyl (Surr)	92		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: 880-67482-78 MS

Matrix: Solid

Analysis Batch: 130520

Client Sample ID: CS-78 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130156

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	999	925.4		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<50.5	U	999	1068		mg/Kg		102	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	104		70 - 130						
o-Terphenyl (Surr)	106		70 - 130						

Lab Sample ID: 880-67482-78 MSD

Matrix: Solid

Analysis Batch: 130520

Client Sample ID: CS-78 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130156

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	<50.5	U	999	936.0		mg/Kg		92	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.5	U	999	1099		mg/Kg		106	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	105		70 - 130								
o-Terphenyl (Surr)	107		70 - 130								

Lab Sample ID: MB 880-130157/1-A

Matrix: Solid

Analysis Batch: 130517

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130157

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 16:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 16:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 16:48	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130				01/28/26 14:58	02/02/26 16:48	1
o-Terphenyl (Surr)	118		70 - 130				01/28/26 14:58	02/02/26 16:48	1

Lab Sample ID: LCS 880-130157/2-A

Matrix: Solid

Analysis Batch: 130517

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130157

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1037		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1064		mg/Kg		106	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: LCS 880-130157/2-A

Matrix: Solid

Analysis Batch: 130517

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130157

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	130		70 - 130
o-Terphenyl (Surr)	118		70 - 130

Lab Sample ID: LCSD 880-130157/3-A

Matrix: Solid

Analysis Batch: 130517

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130157

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1038		mg/Kg		104	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	1144		mg/Kg		114	70 - 130	7	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	112		70 - 130
o-Terphenyl (Surr)	129		70 - 130

Lab Sample ID: 880-67482-98 MS

Matrix: Solid

Analysis Batch: 130517

Client Sample ID: CS-98 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130157

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	1000	971.0		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	<50.4	U	1000	1083		mg/Kg		106	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	114		70 - 130
o-Terphenyl (Surr)	131	S1+	70 - 130

Lab Sample ID: 880-67482-98 MSD

Matrix: Solid

Analysis Batch: 130517

Client Sample ID: CS-98 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130157

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	<50.4	U	1000	1040		mg/Kg		104	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<50.4	U	1000	1121		mg/Kg		110	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	122		70 - 130
o-Terphenyl (Surr)	135	S1+	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: MB 880-130158/1-A

Matrix: Solid

Analysis Batch: 130520

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130158

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 16:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 16:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:58	02/02/26 16:48	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				01/28/26 14:58	02/02/26 16:48	1
o-Terphenyl (Surr)	87		70 - 130				01/28/26 14:58	02/02/26 16:48	1

Lab Sample ID: LCS 880-130158/2-A

Matrix: Solid

Analysis Batch: 130520

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130158

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	891.8		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1020		mg/Kg		102	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	80		70 - 130				
o-Terphenyl (Surr)	83		70 - 130				

Lab Sample ID: LCSD 880-130158/3-A

Matrix: Solid

Analysis Batch: 130520

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130158

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	904.0		mg/Kg		90	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1036		mg/Kg		104	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	81		70 - 130						
o-Terphenyl (Surr)	85		70 - 130						

Lab Sample ID: 880-67482-118 MS

Matrix: Solid

Analysis Batch: 130520

Client Sample ID: CS-118 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130158

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	999	925.1		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	<49.6	U	999	1018		mg/Kg		100	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: 880-67482-118 MS

Matrix: Solid

Analysis Batch: 130520

Client Sample ID: CS-118 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130158

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	97		70 - 130
o-Terphenyl (Surr)	99		70 - 130

Lab Sample ID: 880-67482-118 MSD

Matrix: Solid

Analysis Batch: 130520

Client Sample ID: CS-118 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130158

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	999	952.5		mg/Kg		95	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.6	U	999	1103		mg/Kg		108	70 - 130	8	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	100		70 - 130
o-Terphenyl (Surr)	102		70 - 130

Lab Sample ID: MB 880-130159/1-A

Matrix: Solid

Analysis Batch: 130624

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 16:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 16:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 16:07	1

	MB	MB					Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	121		70 - 130				01/28/26 14:59	02/03/26 16:07	1
o-Terphenyl (Surr)	115		70 - 130				01/28/26 14:59	02/03/26 16:07	1

Lab Sample ID: LCS 880-130159/2-A

Matrix: Solid

Analysis Batch: 130624

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1051		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1130		mg/Kg		113	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	118		70 - 130
o-Terphenyl (Surr)	112		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: LCSD 880-130159/3-A

Matrix: Solid

Analysis Batch: 130624

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130159

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	915.0		mg/Kg		91	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	1000	1033		mg/Kg		103	70 - 130	9	20
	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	109		70 - 130						
o-Terphenyl (Surr)	103		70 - 130						

Lab Sample ID: 880-67482-138 MS

Matrix: Solid

Analysis Batch: 130624

Client Sample ID: CS-138 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130159

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	1010	1002		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.5	U	1010	1104		mg/Kg		110	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	119		70 - 130								
o-Terphenyl (Surr)	106		70 - 130								

Lab Sample ID: 880-67482-138 MSD

Matrix: Solid

Analysis Batch: 130624

Client Sample ID: CS-138 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130159

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	<50.5	U	1010	986.7		mg/Kg		98	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.5	U	1010	1120		mg/Kg		111	70 - 130	1	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	118		70 - 130								
o-Terphenyl (Surr)	108		70 - 130								

Lab Sample ID: MB 880-130160/1-A

Matrix: Solid

Analysis Batch: 130622

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130160

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 16:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 16:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/26 14:59	02/03/26 16:07	1

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: MB 880-130160/1-A

Matrix: Solid

Analysis Batch: 130622

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130160

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	01/28/26 14:59	02/03/26 16:07	1
o-Terphenyl (Surr)	114		70 - 130	01/28/26 14:59	02/03/26 16:07	1

Lab Sample ID: LCS 880-130160/2-A

Matrix: Solid

Analysis Batch: 130622

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130160

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1032		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	932.1		mg/Kg		93	70 - 130		

	LCS	LCS				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane (Surr)	124		70 - 130			
o-Terphenyl (Surr)	117		70 - 130			

Lab Sample ID: LCSD 880-130160/3-A

Matrix: Solid

Analysis Batch: 130622

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130160

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	766.8	*1	mg/Kg		77	70 - 130	29	20	
Diesel Range Organics (Over C10-C28)			1000	719.5	*1	mg/Kg		72	70 - 130	26	20	

	LCSD	LCSD				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane (Surr)	94		70 - 130			
o-Terphenyl (Surr)	92		70 - 130			

Lab Sample ID: 880-67482-158 MS

Matrix: Solid

Analysis Batch: 130622

Client Sample ID: CS-158 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130160

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	1110		mg/Kg		111	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *1	999	1011		mg/Kg		101	70 - 130		

	MS	MS				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane (Surr)	129		70 - 130			
o-Terphenyl (Surr)	118		70 - 130			

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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

Lab Sample ID: 880-67482-158 MSD

Matrix: Solid

Analysis Batch: 130622

Client Sample ID: CS-158 (0-0.25')

Prep Type: Total/NA

Prep Batch: 130160

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	1112		mg/Kg		111	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U *1	999	1024		mg/Kg		103	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	129		70 - 130								
o-Terphenyl (Surr)	120		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-130177/1-A

Matrix: Solid

Analysis Batch: 130254

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/29/26 15:17	1

Lab Sample ID: LCS 880-130177/2-A

Matrix: Solid

Analysis Batch: 130254

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.8		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-130177/3-A

Matrix: Solid

Analysis Batch: 130254

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	241.1		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 880-67481-A-25-C MS

Matrix: Solid

Analysis Batch: 130254

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	723		249	969.0		mg/Kg		99	90 - 110

Lab Sample ID: 880-67481-A-25-D MSD

Matrix: Solid

Analysis Batch: 130254

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	723		249	965.3		mg/Kg		98	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-130178/1-A
Matrix: Solid
Analysis Batch: 130291

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/30/26 14:16	1

Lab Sample ID: LCS 880-130178/2-A
Matrix: Solid
Analysis Batch: 130291

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.4		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-130178/3-A
Matrix: Solid
Analysis Batch: 130291

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	240.3		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-67482-10 MS
Matrix: Solid
Analysis Batch: 130291

Client Sample ID: CS-10 (0-0.25')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	825	F1	1260	2666	F1	mg/Kg		146	90 - 110

Lab Sample ID: 880-67482-10 MSD
Matrix: Solid
Analysis Batch: 130291

Client Sample ID: CS-10 (0-0.25')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	825	F1	1260	2665	F1	mg/Kg		146	90 - 110	0	20

Lab Sample ID: 880-67482-20 MS
Matrix: Solid
Analysis Batch: 130291

Client Sample ID: CS-20 (0-0.25')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	973	F1	1250	2559	F1	mg/Kg		127	90 - 110

Lab Sample ID: 880-67482-20 MSD
Matrix: Solid
Analysis Batch: 130291

Client Sample ID: CS-20 (0-0.25')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	973	F1	1250	2612	F1	mg/Kg		131	90 - 110	2	20

Lab Sample ID: MB 880-130179/1-A
Matrix: Solid
Analysis Batch: 130293

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/30/26 10:00	1

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-130179/2-A

Matrix: Solid

Analysis Batch: 130293

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	237.4		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-130179/3-A

Matrix: Solid

Analysis Batch: 130293

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	230.3		mg/Kg		92	90 - 110	3	20

Lab Sample ID: 880-67482-30 MS

Matrix: Solid

Analysis Batch: 130293

Client Sample ID: CS-30 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	555		1250	1885		mg/Kg		107	90 - 110

Lab Sample ID: 880-67482-30 MSD

Matrix: Solid

Analysis Batch: 130293

Client Sample ID: CS-30 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	555		1250	1849		mg/Kg		104	90 - 110	2	20

Lab Sample ID: 880-67482-40 MS

Matrix: Solid

Analysis Batch: 130293

Client Sample ID: CS-40 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1080	F1	1240	2847	F1	mg/Kg		142	90 - 110

Lab Sample ID: 880-67482-40 MSD

Matrix: Solid

Analysis Batch: 130293

Client Sample ID: CS-40 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1080	F1	1240	2723	F1	mg/Kg		132	90 - 110	4	20

Lab Sample ID: MB 880-130180/1-A

Matrix: Solid

Analysis Batch: 130294

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/30/26 10:03	1

Lab Sample ID: LCS 880-130180/2-A

Matrix: Solid

Analysis Batch: 130294

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.7		mg/Kg		100	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-130180/3-A

Matrix: Solid

Analysis Batch: 130294

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	250.2		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-67482-50 MS

Matrix: Solid

Analysis Batch: 130294

Client Sample ID: CS-50 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	625		1260	1787		mg/Kg		92	90 - 110		

Lab Sample ID: 880-67482-50 MSD

Matrix: Solid

Analysis Batch: 130294

Client Sample ID: CS-50 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	625		1260	1785		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 880-67482-60 MS

Matrix: Solid

Analysis Batch: 130294

Client Sample ID: CS-60 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	708		1240	1961		mg/Kg		101	90 - 110		

Lab Sample ID: 880-67482-60 MSD

Matrix: Solid

Analysis Batch: 130294

Client Sample ID: CS-60 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	708		1240	1965		mg/Kg		101	90 - 110	0	20

Lab Sample ID: MB 880-130181/1-A

Matrix: Solid

Analysis Batch: 130347

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/30/26 10:53	1

Lab Sample ID: LCS 880-130181/2-A

Matrix: Solid

Analysis Batch: 130347

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	263.7		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-130181/3-A

Matrix: Solid

Analysis Batch: 130347

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	265.4		mg/Kg		106	90 - 110	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-67482-70 MS

Matrix: Solid

Analysis Batch: 130347

Client Sample ID: CS-70 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	649	F1	1250	2095	F1	mg/Kg		116	90 - 110

Lab Sample ID: 880-67482-70 MSD

Matrix: Solid

Analysis Batch: 130347

Client Sample ID: CS-70 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	649	F1	1250	2066	F1	mg/Kg		114	90 - 110	1	20

Lab Sample ID: 880-67482-80 MS

Matrix: Solid

Analysis Batch: 130347

Client Sample ID: CS-80 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1610	F1	1250	3001	F1	mg/Kg		111	90 - 110

Lab Sample ID: 880-67482-80 MSD

Matrix: Solid

Analysis Batch: 130347

Client Sample ID: CS-80 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1610	F1	1250	3016	F1	mg/Kg		112	90 - 110	0	20

Lab Sample ID: MB 880-130182/1-A

Matrix: Solid

Analysis Batch: 130352

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/30/26 17:20	1

Lab Sample ID: LCS 880-130182/2-A

Matrix: Solid

Analysis Batch: 130352

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.4		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-130182/3-A

Matrix: Solid

Analysis Batch: 130352

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	244.0		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-67482-90 MS

Matrix: Solid

Analysis Batch: 130352

Client Sample ID: CS-90 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1190	F1	1260	2624	F1	mg/Kg		114	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-67482-90 MSD

Matrix: Solid

Analysis Batch: 130352

Client Sample ID: CS-90 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1190	F1	1260	2568		mg/Kg		109	90 - 110	2	20

Lab Sample ID: 880-67482-100 MS

Matrix: Solid

Analysis Batch: 130352

Client Sample ID: CS-100 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	972	F1	1240	2449	F1	mg/Kg		119	90 - 110		

Lab Sample ID: 880-67482-100 MSD

Matrix: Solid

Analysis Batch: 130352

Client Sample ID: CS-100 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	972	F1	1240	2449	F1	mg/Kg		119	90 - 110	0	20

Lab Sample ID: MB 880-130183/1-A

Matrix: Solid

Analysis Batch: 130369

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/30/26 17:38	1

Lab Sample ID: LCS 880-130183/2-A

Matrix: Solid

Analysis Batch: 130369

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	257.0		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-130183/3-A

Matrix: Solid

Analysis Batch: 130369

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	258.3		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 880-67482-110 MS

Matrix: Solid

Analysis Batch: 130369

Client Sample ID: CS-110 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	886	F1	1260	2380	F1	mg/Kg		118	90 - 110		

Lab Sample ID: 880-67482-110 MSD

Matrix: Solid

Analysis Batch: 130369

Client Sample ID: CS-110 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	886	F1	1260	2385	F1	mg/Kg		119	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-67482-120 MS

Matrix: Solid

Analysis Batch: 130369

Client Sample ID: CS-120 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	390		1240	1700		mg/Kg		106	90 - 110

Lab Sample ID: 880-67482-120 MSD

Matrix: Solid

Analysis Batch: 130369

Client Sample ID: CS-120 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	390		1240	1706		mg/Kg		106	90 - 110	0	20

Lab Sample ID: MB 880-130185/1-A

Matrix: Solid

Analysis Batch: 130370

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/30/26 14:04	1

Lab Sample ID: LCS 880-130185/2-A

Matrix: Solid

Analysis Batch: 130370

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	253.9		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-130185/3-A

Matrix: Solid

Analysis Batch: 130370

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	255.7		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 880-67482-150 MS

Matrix: Solid

Analysis Batch: 130370

Client Sample ID: CS-150 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	530		249	764.8		mg/Kg		94	90 - 110

Lab Sample ID: 880-67482-150 MSD

Matrix: Solid

Analysis Batch: 130370

Client Sample ID: CS-150 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	530		249	766.2		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-67482-160 MS

Matrix: Solid

Analysis Batch: 130370

Client Sample ID: CS-160 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	597		251	838.8		mg/Kg		96	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-67482-160 MSD

Matrix: Solid

Analysis Batch: 130370

Client Sample ID: CS-160 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	597		251	840.3		mg/Kg		97	90 - 110	0	20

Lab Sample ID: MB 880-130184/1-A

Matrix: Solid

Analysis Batch: 130378

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/30/26 20:50	1

Lab Sample ID: LCS 880-130184/2-A

Matrix: Solid

Analysis Batch: 130378

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	268.1		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-130184/3-A

Matrix: Solid

Analysis Batch: 130378

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	266.7		mg/Kg		107	90 - 110	1	20

Lab Sample ID: 880-67482-130 MS

Matrix: Solid

Analysis Batch: 130378

Client Sample ID: CS-130 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	89.9		252	348.7		mg/Kg		103	90 - 110

Lab Sample ID: 880-67482-130 MSD

Matrix: Solid

Analysis Batch: 130378

Client Sample ID: CS-130 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	89.9		252	349.0		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-67482-140 MS

Matrix: Solid

Analysis Batch: 130378

Client Sample ID: CS-140 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1130	F1	1250	2544	F1	mg/Kg		113	90 - 110

Lab Sample ID: 880-67482-140 MSD

Matrix: Solid

Analysis Batch: 130378

Client Sample ID: CS-140 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1130	F1	1250	2525	F1	mg/Kg		111	90 - 110	1	20

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QC Association Summary

Client: Carmona Resources

Job ID: 880-67482-1

Project/Site: LOE East Pad- Zia Federal Com 706H

SDG: 3014

GC VOA

Prep Batch: 129917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-129917/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 130611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-21	CS-21 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-22	CS-22 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-23	CS-23 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-24	CS-24 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-25	CS-25 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-26	CS-26 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-27	CS-27 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-28	CS-28 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-29	CS-29 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-30	CS-30 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-31	CS-31 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-32	CS-32 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-33	CS-33 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-34	CS-34 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-35	CS-35 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-36	CS-36 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-37	CS-37 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-38	CS-38 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-39	CS-39 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-40	CS-40 (0-0.25')	Total/NA	Solid	8021B	130749
MB 880-130648/5-A	Method Blank	Total/NA	Solid	8021B	130648
MB 880-130749/5-A	Method Blank	Total/NA	Solid	8021B	130749
LCS 880-130749/1-A	Lab Control Sample	Total/NA	Solid	8021B	130749
LCSD 880-130749/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130749
880-67482-21 MS	CS-21 (0-0.25')	Total/NA	Solid	8021B	130749
880-67482-21 MSD	CS-21 (0-0.25')	Total/NA	Solid	8021B	130749

Analysis Batch: 130615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-41	CS-41 (0-0.25')	Total/NA	Solid	8021B	130755
880-67482-42	CS-42 (0-0.25')	Total/NA	Solid	8021B	130755
880-67482-43	CS-43 (0-0.25')	Total/NA	Solid	8021B	130755
880-67482-44	CS-44 (0-0.25')	Total/NA	Solid	8021B	130755
880-67482-45	CS-45 (0-0.25')	Total/NA	Solid	8021B	130755
880-67482-46	CS-46 (0-0.25')	Total/NA	Solid	8021B	130755
880-67482-47	CS-47 (0-0.25')	Total/NA	Solid	8021B	130755
880-67482-48	CS-48 (0-0.25')	Total/NA	Solid	8021B	130755
880-67482-49	CS-49 (0-0.25')	Total/NA	Solid	8021B	130755
880-67482-50	CS-50 (0-0.25')	Total/NA	Solid	8021B	130755
880-67482-51	CS-51 (0-0.25')	Total/NA	Solid	8021B	130755
880-67482-52	CS-52 (0-0.25')	Total/NA	Solid	8021B	130755
880-67482-53	CS-53 (0-0.25')	Total/NA	Solid	8021B	130755
MB 880-129917/5-A	Method Blank	Total/NA	Solid	8021B	129917
MB 880-130755/5-A	Method Blank	Total/NA	Solid	8021B	130755
LCS 880-130755/1-A	Lab Control Sample	Total/NA	Solid	8021B	130755
LCSD 880-130755/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130755
880-67482-41 MS	CS-41 (0-0.25')	Total/NA	Solid	8021B	130755

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QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC VOA (Continued)

Analysis Batch: 130615 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-41 MSD	CS-41 (0-0.25')	Total/NA	Solid	8021B	130755

Prep Batch: 130648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-130648/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 130701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-1	CS-1 (0-0.25')	Total/NA	Solid	8021B	130748
880-67482-2	CS-2 (0-0.25')	Total/NA	Solid	8021B	130748
880-67482-3	CS-3 (0-0.25')	Total/NA	Solid	8021B	130748
880-67482-4	CS-4 (0-0.25')	Total/NA	Solid	8021B	130748
880-67482-5	CS-5 (0-0.25')	Total/NA	Solid	8021B	130748
880-67482-6	CS-6 (0-0.25')	Total/NA	Solid	8021B	130748
880-67482-7	CS-7 (0-0.25')	Total/NA	Solid	8021B	130748
880-67482-8	CS-8 (0-0.25')	Total/NA	Solid	8021B	130748
880-67482-9	CS-9 (0-0.25')	Total/NA	Solid	8021B	130748
880-67482-10	CS-10 (0-0.25')	Total/NA	Solid	8021B	130748
MB 880-130748/5-A	Method Blank	Total/NA	Solid	8021B	130748
LCS 880-130748/1-A	Lab Control Sample	Total/NA	Solid	8021B	130748
LCSD 880-130748/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130748
880-67482-1 MS	CS-1 (0-0.25')	Total/NA	Solid	8021B	130748
880-67482-1 MSD	CS-1 (0-0.25')	Total/NA	Solid	8021B	130748

Analysis Batch: 130738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-54	CS-54 (0-0.25')	Total/NA	Solid	8021B	130763
880-67482-55	CS-55 (0-0.25')	Total/NA	Solid	8021B	130763
880-67482-56	CS-56 (0-0.25')	Total/NA	Solid	8021B	130763
880-67482-57	CS-57 (0-0.25')	Total/NA	Solid	8021B	130763
880-67482-58	CS-58 (0-0.25')	Total/NA	Solid	8021B	130763
880-67482-59	CS-59 (0-0.25')	Total/NA	Solid	8021B	130763
880-67482-60	CS-60 (0-0.25')	Total/NA	Solid	8021B	130763
MB 880-130763/5-A	Method Blank	Total/NA	Solid	8021B	130763
LCS 880-130763/1-A	Lab Control Sample	Total/NA	Solid	8021B	130763
LCSD 880-130763/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130763
880-67698-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	130763
880-67698-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	130763

Analysis Batch: 130739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-61	CS-61 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-62	CS-62 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-63	CS-63 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-64	CS-64 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-65	CS-65 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-66	CS-66 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-67	CS-67 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-68	CS-68 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-69	CS-69 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-70	CS-70 (0-0.25')	Total/NA	Solid	8021B	130810

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QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC VOA (Continued)

Analysis Batch: 130739 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-71	CS-71 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-72	CS-72 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-73	CS-73 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-74	CS-74 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-75	CS-75 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-76	CS-76 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-77	CS-77 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-78	CS-78 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-79	CS-79 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-80	CS-80 (0-0.25')	Total/NA	Solid	8021B	130810
MB 880-130760/5-A	Method Blank	Total/NA	Solid	8021B	130760
MB 880-130810/5-A	Method Blank	Total/NA	Solid	8021B	130810
LCS 880-130810/1-A	Lab Control Sample	Total/NA	Solid	8021B	130810
LCSD 880-130810/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130810
880-67482-61 MS	CS-61 (0-0.25')	Total/NA	Solid	8021B	130810
880-67482-61 MSD	CS-61 (0-0.25')	Total/NA	Solid	8021B	130810

Analysis Batch: 130740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-11	CS-11 (0-0.25')	Total/NA	Solid	8021B	130759
880-67482-12	CS-12 (0-0.25')	Total/NA	Solid	8021B	130759
880-67482-13	CS-13 (0-0.25')	Total/NA	Solid	8021B	130759
880-67482-14	CS-14 (0-0.25')	Total/NA	Solid	8021B	130759
880-67482-15	CS-15 (0-0.25')	Total/NA	Solid	8021B	130759
MB 880-130759/5-A	Method Blank	Total/NA	Solid	8021B	130759
LCS 880-130759/1-A	Lab Control Sample	Total/NA	Solid	8021B	130759
LCSD 880-130759/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130759
880-67675-A-41-E MS	Matrix Spike	Total/NA	Solid	8021B	130759
880-67675-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	130759

Prep Batch: 130748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-1	CS-1 (0-0.25')	Total/NA	Solid	5035	
880-67482-2	CS-2 (0-0.25')	Total/NA	Solid	5035	
880-67482-3	CS-3 (0-0.25')	Total/NA	Solid	5035	
880-67482-4	CS-4 (0-0.25')	Total/NA	Solid	5035	
880-67482-5	CS-5 (0-0.25')	Total/NA	Solid	5035	
880-67482-6	CS-6 (0-0.25')	Total/NA	Solid	5035	
880-67482-7	CS-7 (0-0.25')	Total/NA	Solid	5035	
880-67482-8	CS-8 (0-0.25')	Total/NA	Solid	5035	
880-67482-9	CS-9 (0-0.25')	Total/NA	Solid	5035	
880-67482-10	CS-10 (0-0.25')	Total/NA	Solid	5035	
MB 880-130748/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130748/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130748/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67482-1 MS	CS-1 (0-0.25')	Total/NA	Solid	5035	
880-67482-1 MSD	CS-1 (0-0.25')	Total/NA	Solid	5035	

Prep Batch: 130749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-21	CS-21 (0-0.25')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC VOA (Continued)

Prep Batch: 130749 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-22	CS-22 (0-0.25')	Total/NA	Solid	5035	
880-67482-23	CS-23 (0-0.25')	Total/NA	Solid	5035	
880-67482-24	CS-24 (0-0.25')	Total/NA	Solid	5035	
880-67482-25	CS-25 (0-0.25')	Total/NA	Solid	5035	
880-67482-26	CS-26 (0-0.25')	Total/NA	Solid	5035	
880-67482-27	CS-27 (0-0.25')	Total/NA	Solid	5035	
880-67482-28	CS-28 (0-0.25')	Total/NA	Solid	5035	
880-67482-29	CS-29 (0-0.25')	Total/NA	Solid	5035	
880-67482-30	CS-30 (0-0.25')	Total/NA	Solid	5035	
880-67482-31	CS-31 (0-0.25')	Total/NA	Solid	5035	
880-67482-32	CS-32 (0-0.25')	Total/NA	Solid	5035	
880-67482-33	CS-33 (0-0.25')	Total/NA	Solid	5035	
880-67482-34	CS-34 (0-0.25')	Total/NA	Solid	5035	
880-67482-35	CS-35 (0-0.25')	Total/NA	Solid	5035	
880-67482-36	CS-36 (0-0.25')	Total/NA	Solid	5035	
880-67482-37	CS-37 (0-0.25')	Total/NA	Solid	5035	
880-67482-38	CS-38 (0-0.25')	Total/NA	Solid	5035	
880-67482-39	CS-39 (0-0.25')	Total/NA	Solid	5035	
880-67482-40	CS-40 (0-0.25')	Total/NA	Solid	5035	
MB 880-130749/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130749/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130749/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67482-21 MS	CS-21 (0-0.25')	Total/NA	Solid	5035	
880-67482-21 MSD	CS-21 (0-0.25')	Total/NA	Solid	5035	

Prep Batch: 130755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-41	CS-41 (0-0.25')	Total/NA	Solid	5035	
880-67482-42	CS-42 (0-0.25')	Total/NA	Solid	5035	
880-67482-43	CS-43 (0-0.25')	Total/NA	Solid	5035	
880-67482-44	CS-44 (0-0.25')	Total/NA	Solid	5035	
880-67482-45	CS-45 (0-0.25')	Total/NA	Solid	5035	
880-67482-46	CS-46 (0-0.25')	Total/NA	Solid	5035	
880-67482-47	CS-47 (0-0.25')	Total/NA	Solid	5035	
880-67482-48	CS-48 (0-0.25')	Total/NA	Solid	5035	
880-67482-49	CS-49 (0-0.25')	Total/NA	Solid	5035	
880-67482-50	CS-50 (0-0.25')	Total/NA	Solid	5035	
880-67482-51	CS-51 (0-0.25')	Total/NA	Solid	5035	
880-67482-52	CS-52 (0-0.25')	Total/NA	Solid	5035	
880-67482-53	CS-53 (0-0.25')	Total/NA	Solid	5035	
MB 880-130755/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130755/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130755/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67482-41 MS	CS-41 (0-0.25')	Total/NA	Solid	5035	
880-67482-41 MSD	CS-41 (0-0.25')	Total/NA	Solid	5035	

Prep Batch: 130757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-16	CS-16 (0-0.25')	Total/NA	Solid	5035	
880-67482-17	CS-17 (0-0.25')	Total/NA	Solid	5035	
880-67482-18	CS-18 (0-0.25')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC VOA (Continued)

Prep Batch: 130757 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-19	CS-19 (0-0.25')	Total/NA	Solid	5035	
880-67482-20	CS-20 (0-0.25')	Total/NA	Solid	5035	
MB 880-130757/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130757/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130757/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67482-16 MS	CS-16 (0-0.25')	Total/NA	Solid	5035	
880-67482-16 MSD	CS-16 (0-0.25')	Total/NA	Solid	5035	

Prep Batch: 130759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-11	CS-11 (0-0.25')	Total/NA	Solid	5035	
880-67482-12	CS-12 (0-0.25')	Total/NA	Solid	5035	
880-67482-13	CS-13 (0-0.25')	Total/NA	Solid	5035	
880-67482-14	CS-14 (0-0.25')	Total/NA	Solid	5035	
880-67482-15	CS-15 (0-0.25')	Total/NA	Solid	5035	
MB 880-130759/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130759/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130759/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67675-A-41-E MS	Matrix Spike	Total/NA	Solid	5035	
880-67675-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 130760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-130760/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 130763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-54	CS-54 (0-0.25')	Total/NA	Solid	5035	
880-67482-55	CS-55 (0-0.25')	Total/NA	Solid	5035	
880-67482-56	CS-56 (0-0.25')	Total/NA	Solid	5035	
880-67482-57	CS-57 (0-0.25')	Total/NA	Solid	5035	
880-67482-58	CS-58 (0-0.25')	Total/NA	Solid	5035	
880-67482-59	CS-59 (0-0.25')	Total/NA	Solid	5035	
880-67482-60	CS-60 (0-0.25')	Total/NA	Solid	5035	
MB 880-130763/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130763/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130763/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67698-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-67698-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 130801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-1	CS-1 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-2	CS-2 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-3	CS-3 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-4	CS-4 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-5	CS-5 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-6	CS-6 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-7	CS-7 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-8	CS-8 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-9	CS-9 (0-0.25')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC VOA (Continued)

Analysis Batch: 130801 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-10	CS-10 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-11	CS-11 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-12	CS-12 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-13	CS-13 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-14	CS-14 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-15	CS-15 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-16	CS-16 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-17	CS-17 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-18	CS-18 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-19	CS-19 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-20	CS-20 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-21	CS-21 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-22	CS-22 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-23	CS-23 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-24	CS-24 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-25	CS-25 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-26	CS-26 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-27	CS-27 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-28	CS-28 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-29	CS-29 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-30	CS-30 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-31	CS-31 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-32	CS-32 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-33	CS-33 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-34	CS-34 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-35	CS-35 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-36	CS-36 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-37	CS-37 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-38	CS-38 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-39	CS-39 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-40	CS-40 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-41	CS-41 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-42	CS-42 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-43	CS-43 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-44	CS-44 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-45	CS-45 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-46	CS-46 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-47	CS-47 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-48	CS-48 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-49	CS-49 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-50	CS-50 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-51	CS-51 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-52	CS-52 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-53	CS-53 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-54	CS-54 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-55	CS-55 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-56	CS-56 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-57	CS-57 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-58	CS-58 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-59	CS-59 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-60	CS-60 (0-0.25')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC VOA (Continued)

Analysis Batch: 130801 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-61	CS-61 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-62	CS-62 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-63	CS-63 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-64	CS-64 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-65	CS-65 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-66	CS-66 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-67	CS-67 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-68	CS-68 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-69	CS-69 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-70	CS-70 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-71	CS-71 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-72	CS-72 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-73	CS-73 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-74	CS-74 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-75	CS-75 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-76	CS-76 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-77	CS-77 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-78	CS-78 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-79	CS-79 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-80	CS-80 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-81	CS-81 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-82	CS-82 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-83	CS-83 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-84	CS-84 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-85	CS-85 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-86	CS-86 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-87	CS-87 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-88	CS-88 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-89	CS-89 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-90	CS-90 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-91	CS-91 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-92	CS-92 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-93	CS-93 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-94	CS-94 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-95	CS-95 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-96	CS-96 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-97	CS-97 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-98	CS-98 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-99	CS-99 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-100	CS-100 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-101	CS-101 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-102	CS-102 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-103	CS-103 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-104	CS-104 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-105	CS-105 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-106	CS-106 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-107	CS-107 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-108	CS-108 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-109	CS-109 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-110	CS-110 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-111	CS-111 (0-0.25')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC VOA (Continued)

Analysis Batch: 130801 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-112	CS-112 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-113	CS-113 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-114	CS-114 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-115	CS-115 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-116	CS-116 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-117	CS-117 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-118	CS-118 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-119	CS-119 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-120	CS-120 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-121	CS-121 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-122	CS-122 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-123	CS-123 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-124	CS-124 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-125	CS-125 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-126	CS-126 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-127	CS-127 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-128	CS-128 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-129	CS-129 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-130	CS-130 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-131	CS-131 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-132	CS-132 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-133	CS-133 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-134	CS-134 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-135	CS-135 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-136	CS-136 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-137	CS-137 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-138	CS-138 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-139	CS-139 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-140	CS-140 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-141	CS-141 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-142	CS-142 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-143	CS-143 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-144	CS-144 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-145	CS-145 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-146	CS-146 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-147	CS-147 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-148	CS-148 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-149	CS-149 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-150	CS-150 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-151	CS-151 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-152	CS-152 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-153	CS-153 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-154	CS-154 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-155	CS-155 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-156	CS-156 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-157	CS-157 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-158	CS-158 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-159	CS-159 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-160	CS-160 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-161	CS-161 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-162	CS-162 (0-0.25')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC VOA (Continued)

Analysis Batch: 130801 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-163	CS-163 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-164	CS-164 (0-0.25')	Total/NA	Solid	Total BTEX	
880-67482-165	CS-165 (0-0.25')	Total/NA	Solid	Total BTEX	

Analysis Batch: 130802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-16	CS-16 (0-0.25')	Total/NA	Solid	8021B	130757
880-67482-17	CS-17 (0-0.25')	Total/NA	Solid	8021B	130757
880-67482-18	CS-18 (0-0.25')	Total/NA	Solid	8021B	130757
880-67482-19	CS-19 (0-0.25')	Total/NA	Solid	8021B	130757
880-67482-20	CS-20 (0-0.25')	Total/NA	Solid	8021B	130757
880-67482-81	CS-81 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-82	CS-82 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-83	CS-83 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-84	CS-84 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-85	CS-85 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-86	CS-86 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-87	CS-87 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-88	CS-88 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-89	CS-89 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-90	CS-90 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-91	CS-91 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-92	CS-92 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-93	CS-93 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-94	CS-94 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-95	CS-95 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-96	CS-96 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-97	CS-97 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-98	CS-98 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-99	CS-99 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-100	CS-100 (0-0.25')	Total/NA	Solid	8021B	130809
MB 880-130757/5-A	Method Blank	Total/NA	Solid	8021B	130757
MB 880-130809/5-A	Method Blank	Total/NA	Solid	8021B	130809
LCS 880-130757/1-A	Lab Control Sample	Total/NA	Solid	8021B	130757
LCS 880-130809/1-A	Lab Control Sample	Total/NA	Solid	8021B	130809
LCSD 880-130757/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130757
LCSD 880-130809/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130809
880-67482-16 MS	CS-16 (0-0.25')	Total/NA	Solid	8021B	130757
880-67482-16 MSD	CS-16 (0-0.25')	Total/NA	Solid	8021B	130757
880-67482-81 MS	CS-81 (0-0.25')	Total/NA	Solid	8021B	130809
880-67482-81 MSD	CS-81 (0-0.25')	Total/NA	Solid	8021B	130809

Analysis Batch: 130803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-101	CS-101 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-102	CS-102 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-103	CS-103 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-104	CS-104 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-105	CS-105 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-106	CS-106 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-107	CS-107 (0-0.25')	Total/NA	Solid	8021B	130808

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QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC VOA (Continued)

Analysis Batch: 130803 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-108	CS-108 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-109	CS-109 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-110	CS-110 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-111	CS-111 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-112	CS-112 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-113	CS-113 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-114	CS-114 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-115	CS-115 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-116	CS-116 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-117	CS-117 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-118	CS-118 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-119	CS-119 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-120	CS-120 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-121	CS-121 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-122	CS-122 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-123	CS-123 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-124	CS-124 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-125	CS-125 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-126	CS-126 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-127	CS-127 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-128	CS-128 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-129	CS-129 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-130	CS-130 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-131	CS-131 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-132	CS-132 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-133	CS-133 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-134	CS-134 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-135	CS-135 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-136	CS-136 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-137	CS-137 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-138	CS-138 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-139	CS-139 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-140	CS-140 (0-0.25')	Total/NA	Solid	8021B	130811
MB 880-130808/5-A	Method Blank	Total/NA	Solid	8021B	130808
MB 880-130811/5-A	Method Blank	Total/NA	Solid	8021B	130811
LCS 880-130808/1-A	Lab Control Sample	Total/NA	Solid	8021B	130808
LCS 880-130811/1-A	Lab Control Sample	Total/NA	Solid	8021B	130811
LCSD 880-130808/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130808
LCSD 880-130811/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130811
880-67482-101 MS	CS-101 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-101 MSD	CS-101 (0-0.25')	Total/NA	Solid	8021B	130808
880-67482-121 MS	CS-121 (0-0.25')	Total/NA	Solid	8021B	130811
880-67482-121 MSD	CS-121 (0-0.25')	Total/NA	Solid	8021B	130811

Prep Batch: 130808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-101	CS-101 (0-0.25')	Total/NA	Solid	5035	
880-67482-102	CS-102 (0-0.25')	Total/NA	Solid	5035	
880-67482-103	CS-103 (0-0.25')	Total/NA	Solid	5035	
880-67482-104	CS-104 (0-0.25')	Total/NA	Solid	5035	
880-67482-105	CS-105 (0-0.25')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC VOA (Continued)

Prep Batch: 130808 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-106	CS-106 (0-0.25')	Total/NA	Solid	5035	
880-67482-107	CS-107 (0-0.25')	Total/NA	Solid	5035	
880-67482-108	CS-108 (0-0.25')	Total/NA	Solid	5035	
880-67482-109	CS-109 (0-0.25')	Total/NA	Solid	5035	
880-67482-110	CS-110 (0-0.25')	Total/NA	Solid	5035	
880-67482-111	CS-111 (0-0.25')	Total/NA	Solid	5035	
880-67482-112	CS-112 (0-0.25')	Total/NA	Solid	5035	
880-67482-113	CS-113 (0-0.25')	Total/NA	Solid	5035	
880-67482-114	CS-114 (0-0.25')	Total/NA	Solid	5035	
880-67482-115	CS-115 (0-0.25')	Total/NA	Solid	5035	
880-67482-116	CS-116 (0-0.25')	Total/NA	Solid	5035	
880-67482-117	CS-117 (0-0.25')	Total/NA	Solid	5035	
880-67482-118	CS-118 (0-0.25')	Total/NA	Solid	5035	
880-67482-119	CS-119 (0-0.25')	Total/NA	Solid	5035	
880-67482-120	CS-120 (0-0.25')	Total/NA	Solid	5035	
MB 880-130808/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130808/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130808/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67482-101 MS	CS-101 (0-0.25')	Total/NA	Solid	5035	
880-67482-101 MSD	CS-101 (0-0.25')	Total/NA	Solid	5035	

Prep Batch: 130809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-81	CS-81 (0-0.25')	Total/NA	Solid	5035	
880-67482-82	CS-82 (0-0.25')	Total/NA	Solid	5035	
880-67482-83	CS-83 (0-0.25')	Total/NA	Solid	5035	
880-67482-84	CS-84 (0-0.25')	Total/NA	Solid	5035	
880-67482-85	CS-85 (0-0.25')	Total/NA	Solid	5035	
880-67482-86	CS-86 (0-0.25')	Total/NA	Solid	5035	
880-67482-87	CS-87 (0-0.25')	Total/NA	Solid	5035	
880-67482-88	CS-88 (0-0.25')	Total/NA	Solid	5035	
880-67482-89	CS-89 (0-0.25')	Total/NA	Solid	5035	
880-67482-90	CS-90 (0-0.25')	Total/NA	Solid	5035	
880-67482-91	CS-91 (0-0.25')	Total/NA	Solid	5035	
880-67482-92	CS-92 (0-0.25')	Total/NA	Solid	5035	
880-67482-93	CS-93 (0-0.25')	Total/NA	Solid	5035	
880-67482-94	CS-94 (0-0.25')	Total/NA	Solid	5035	
880-67482-95	CS-95 (0-0.25')	Total/NA	Solid	5035	
880-67482-96	CS-96 (0-0.25')	Total/NA	Solid	5035	
880-67482-97	CS-97 (0-0.25')	Total/NA	Solid	5035	
880-67482-98	CS-98 (0-0.25')	Total/NA	Solid	5035	
880-67482-99	CS-99 (0-0.25')	Total/NA	Solid	5035	
880-67482-100	CS-100 (0-0.25')	Total/NA	Solid	5035	
MB 880-130809/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130809/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130809/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67482-81 MS	CS-81 (0-0.25')	Total/NA	Solid	5035	
880-67482-81 MSD	CS-81 (0-0.25')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC VOA

Prep Batch: 130810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-61	CS-61 (0-0.25')	Total/NA	Solid	5035	
880-67482-62	CS-62 (0-0.25')	Total/NA	Solid	5035	
880-67482-63	CS-63 (0-0.25')	Total/NA	Solid	5035	
880-67482-64	CS-64 (0-0.25')	Total/NA	Solid	5035	
880-67482-65	CS-65 (0-0.25')	Total/NA	Solid	5035	
880-67482-66	CS-66 (0-0.25')	Total/NA	Solid	5035	
880-67482-67	CS-67 (0-0.25')	Total/NA	Solid	5035	
880-67482-68	CS-68 (0-0.25')	Total/NA	Solid	5035	
880-67482-69	CS-69 (0-0.25')	Total/NA	Solid	5035	
880-67482-70	CS-70 (0-0.25')	Total/NA	Solid	5035	
880-67482-71	CS-71 (0-0.25')	Total/NA	Solid	5035	
880-67482-72	CS-72 (0-0.25')	Total/NA	Solid	5035	
880-67482-73	CS-73 (0-0.25')	Total/NA	Solid	5035	
880-67482-74	CS-74 (0-0.25')	Total/NA	Solid	5035	
880-67482-75	CS-75 (0-0.25')	Total/NA	Solid	5035	
880-67482-76	CS-76 (0-0.25')	Total/NA	Solid	5035	
880-67482-77	CS-77 (0-0.25')	Total/NA	Solid	5035	
880-67482-78	CS-78 (0-0.25')	Total/NA	Solid	5035	
880-67482-79	CS-79 (0-0.25')	Total/NA	Solid	5035	
880-67482-80	CS-80 (0-0.25')	Total/NA	Solid	5035	
MB 880-130810/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130810/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130810/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67482-61 MS	CS-61 (0-0.25')	Total/NA	Solid	5035	
880-67482-61 MSD	CS-61 (0-0.25')	Total/NA	Solid	5035	

Prep Batch: 130811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-121	CS-121 (0-0.25')	Total/NA	Solid	5035	
880-67482-122	CS-122 (0-0.25')	Total/NA	Solid	5035	
880-67482-123	CS-123 (0-0.25')	Total/NA	Solid	5035	
880-67482-124	CS-124 (0-0.25')	Total/NA	Solid	5035	
880-67482-125	CS-125 (0-0.25')	Total/NA	Solid	5035	
880-67482-126	CS-126 (0-0.25')	Total/NA	Solid	5035	
880-67482-127	CS-127 (0-0.25')	Total/NA	Solid	5035	
880-67482-128	CS-128 (0-0.25')	Total/NA	Solid	5035	
880-67482-129	CS-129 (0-0.25')	Total/NA	Solid	5035	
880-67482-130	CS-130 (0-0.25')	Total/NA	Solid	5035	
880-67482-131	CS-131 (0-0.25')	Total/NA	Solid	5035	
880-67482-132	CS-132 (0-0.25')	Total/NA	Solid	5035	
880-67482-133	CS-133 (0-0.25')	Total/NA	Solid	5035	
880-67482-134	CS-134 (0-0.25')	Total/NA	Solid	5035	
880-67482-135	CS-135 (0-0.25')	Total/NA	Solid	5035	
880-67482-136	CS-136 (0-0.25')	Total/NA	Solid	5035	
880-67482-137	CS-137 (0-0.25')	Total/NA	Solid	5035	
880-67482-138	CS-138 (0-0.25')	Total/NA	Solid	5035	
880-67482-139	CS-139 (0-0.25')	Total/NA	Solid	5035	
880-67482-140	CS-140 (0-0.25')	Total/NA	Solid	5035	
MB 880-130811/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130811/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130811/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC VOA (Continued)

Prep Batch: 130811 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-121 MS	CS-121 (0-0.25')	Total/NA	Solid	5035	
880-67482-121 MSD	CS-121 (0-0.25')	Total/NA	Solid	5035	

Prep Batch: 130812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-141	CS-141 (0-0.25')	Total/NA	Solid	5035	
880-67482-142	CS-142 (0-0.25')	Total/NA	Solid	5035	
880-67482-143	CS-143 (0-0.25')	Total/NA	Solid	5035	
880-67482-144	CS-144 (0-0.25')	Total/NA	Solid	5035	
880-67482-145	CS-145 (0-0.25')	Total/NA	Solid	5035	
880-67482-146	CS-146 (0-0.25')	Total/NA	Solid	5035	
880-67482-147	CS-147 (0-0.25')	Total/NA	Solid	5035	
880-67482-148	CS-148 (0-0.25')	Total/NA	Solid	5035	
880-67482-149	CS-149 (0-0.25')	Total/NA	Solid	5035	
880-67482-150	CS-150 (0-0.25')	Total/NA	Solid	5035	
880-67482-151	CS-151 (0-0.25')	Total/NA	Solid	5035	
880-67482-152	CS-152 (0-0.25')	Total/NA	Solid	5035	
880-67482-153	CS-153 (0-0.25')	Total/NA	Solid	5035	
880-67482-154	CS-154 (0-0.25')	Total/NA	Solid	5035	
880-67482-155	CS-155 (0-0.25')	Total/NA	Solid	5035	
880-67482-156	CS-156 (0-0.25')	Total/NA	Solid	5035	
880-67482-157	CS-157 (0-0.25')	Total/NA	Solid	5035	
880-67482-158	CS-158 (0-0.25')	Total/NA	Solid	5035	
880-67482-159	CS-159 (0-0.25')	Total/NA	Solid	5035	
880-67482-160	CS-160 (0-0.25')	Total/NA	Solid	5035	
MB 880-130812/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130812/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130812/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67482-141 MS	CS-141 (0-0.25')	Total/NA	Solid	5035	
880-67482-141 MSD	CS-141 (0-0.25')	Total/NA	Solid	5035	

Analysis Batch: 130879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-161	CS-161 (0-0.25')	Total/NA	Solid	8021B	130913
880-67482-162	CS-162 (0-0.25')	Total/NA	Solid	8021B	130913
880-67482-163	CS-163 (0-0.25')	Total/NA	Solid	8021B	130913
880-67482-164	CS-164 (0-0.25')	Total/NA	Solid	8021B	130913
880-67482-165	CS-165 (0-0.25')	Total/NA	Solid	8021B	130913
MB 880-130913/5-A	Method Blank	Total/NA	Solid	8021B	130913
LCS 880-130913/1-A	Lab Control Sample	Total/NA	Solid	8021B	130913
LCSD 880-130913/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130913
890-9444-A-21-E MS	Matrix Spike	Total/NA	Solid	8021B	130913
890-9444-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	130913

Analysis Batch: 130885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-141	CS-141 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-142	CS-142 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-143	CS-143 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-144	CS-144 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-145	CS-145 (0-0.25')	Total/NA	Solid	8021B	130812

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QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC VOA (Continued)

Analysis Batch: 130885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-146	CS-146 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-147	CS-147 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-148	CS-148 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-149	CS-149 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-150	CS-150 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-151	CS-151 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-152	CS-152 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-153	CS-153 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-154	CS-154 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-155	CS-155 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-156	CS-156 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-157	CS-157 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-158	CS-158 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-159	CS-159 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-160	CS-160 (0-0.25')	Total/NA	Solid	8021B	130812
MB 880-130812/5-A	Method Blank	Total/NA	Solid	8021B	130812
LCS 880-130812/1-A	Lab Control Sample	Total/NA	Solid	8021B	130812
LCSD 880-130812/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130812
880-67482-141 MS	CS-141 (0-0.25')	Total/NA	Solid	8021B	130812
880-67482-141 MSD	CS-141 (0-0.25')	Total/NA	Solid	8021B	130812

Prep Batch: 130913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-161	CS-161 (0-0.25')	Total/NA	Solid	5035	
880-67482-162	CS-162 (0-0.25')	Total/NA	Solid	5035	
880-67482-163	CS-163 (0-0.25')	Total/NA	Solid	5035	
880-67482-164	CS-164 (0-0.25')	Total/NA	Solid	5035	
880-67482-165	CS-165 (0-0.25')	Total/NA	Solid	5035	
MB 880-130913/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130913/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130913/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9444-A-21-E MS	Matrix Spike	Total/NA	Solid	5035	
890-9444-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 130151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-1	CS-1 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-2	CS-2 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-3	CS-3 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-4	CS-4 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-5	CS-5 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-6	CS-6 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-7	CS-7 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-8	CS-8 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-9	CS-9 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-10	CS-10 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-11	CS-11 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-12	CS-12 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-13	CS-13 (0-0.25')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC Semi VOA (Continued)

Prep Batch: 130151 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-14	CS-14 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-15	CS-15 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-16	CS-16 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-17	CS-17 (0-0.25')	Total/NA	Solid	8015NM Prep	
MB 880-130151/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-130151/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-130151/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67481-A-23-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-67481-A-23-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 130152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-18	CS-18 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-19	CS-19 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-20	CS-20 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-21	CS-21 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-22	CS-22 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-23	CS-23 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-24	CS-24 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-25	CS-25 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-26	CS-26 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-27	CS-27 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-28	CS-28 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-29	CS-29 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-30	CS-30 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-31	CS-31 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-32	CS-32 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-33	CS-33 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-34	CS-34 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-35	CS-35 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-36	CS-36 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-37	CS-37 (0-0.25')	Total/NA	Solid	8015NM Prep	
MB 880-130152/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-130152/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-130152/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67482-18 MS	CS-18 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-18 MSD	CS-18 (0-0.25')	Total/NA	Solid	8015NM Prep	

Prep Batch: 130153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-38	CS-38 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-39	CS-39 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-40	CS-40 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-41	CS-41 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-42	CS-42 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-43	CS-43 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-44	CS-44 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-45	CS-45 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-46	CS-46 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-47	CS-47 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-48	CS-48 (0-0.25')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC Semi VOA (Continued)

Prep Batch: 130153 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-49	CS-49 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-50	CS-50 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-51	CS-51 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-52	CS-52 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-53	CS-53 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-54	CS-54 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-55	CS-55 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-56	CS-56 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-57	CS-57 (0-0.25')	Total/NA	Solid	8015NM Prep	
MB 880-130153/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-130153/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-130153/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67482-38 MS	CS-38 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-38 MSD	CS-38 (0-0.25')	Total/NA	Solid	8015NM Prep	

Prep Batch: 130155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-58	CS-58 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-59	CS-59 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-60	CS-60 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-61	CS-61 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-62	CS-62 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-63	CS-63 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-64	CS-64 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-65	CS-65 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-66	CS-66 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-67	CS-67 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-68	CS-68 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-69	CS-69 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-70	CS-70 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-71	CS-71 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-72	CS-72 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-73	CS-73 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-74	CS-74 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-75	CS-75 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-76	CS-76 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-77	CS-77 (0-0.25')	Total/NA	Solid	8015NM Prep	
MB 880-130155/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-130155/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-130155/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67482-58 MS	CS-58 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-58 MSD	CS-58 (0-0.25')	Total/NA	Solid	8015NM Prep	

Prep Batch: 130156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-78	CS-78 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-79	CS-79 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-80	CS-80 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-81	CS-81 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-82	CS-82 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-83	CS-83 (0-0.25')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC Semi VOA (Continued)

Prep Batch: 130156 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-84	CS-84 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-85	CS-85 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-86	CS-86 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-87	CS-87 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-88	CS-88 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-89	CS-89 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-90	CS-90 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-91	CS-91 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-92	CS-92 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-93	CS-93 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-94	CS-94 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-95	CS-95 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-96	CS-96 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-97	CS-97 (0-0.25')	Total/NA	Solid	8015NM Prep	
MB 880-130156/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-130156/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-130156/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67482-78 MS	CS-78 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-78 MSD	CS-78 (0-0.25')	Total/NA	Solid	8015NM Prep	

Prep Batch: 130157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-98	CS-98 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-99	CS-99 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-100	CS-100 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-101	CS-101 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-102	CS-102 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-103	CS-103 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-104	CS-104 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-105	CS-105 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-106	CS-106 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-107	CS-107 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-108	CS-108 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-109	CS-109 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-110	CS-110 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-111	CS-111 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-112	CS-112 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-113	CS-113 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-114	CS-114 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-115	CS-115 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-116	CS-116 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-117	CS-117 (0-0.25')	Total/NA	Solid	8015NM Prep	
MB 880-130157/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-130157/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-130157/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67482-98 MS	CS-98 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-98 MSD	CS-98 (0-0.25')	Total/NA	Solid	8015NM Prep	

Prep Batch: 130158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-118	CS-118 (0-0.25')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC Semi VOA (Continued)

Prep Batch: 130158 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-119	CS-119 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-120	CS-120 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-121	CS-121 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-122	CS-122 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-123	CS-123 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-124	CS-124 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-125	CS-125 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-126	CS-126 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-127	CS-127 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-128	CS-128 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-129	CS-129 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-130	CS-130 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-131	CS-131 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-132	CS-132 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-133	CS-133 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-134	CS-134 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-135	CS-135 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-136	CS-136 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-137	CS-137 (0-0.25')	Total/NA	Solid	8015NM Prep	
MB 880-130158/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-130158/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-130158/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67482-118 MS	CS-118 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-118 MSD	CS-118 (0-0.25')	Total/NA	Solid	8015NM Prep	

Prep Batch: 130159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-138	CS-138 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-139	CS-139 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-140	CS-140 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-141	CS-141 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-142	CS-142 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-143	CS-143 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-144	CS-144 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-145	CS-145 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-146	CS-146 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-147	CS-147 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-148	CS-148 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-149	CS-149 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-150	CS-150 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-151	CS-151 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-152	CS-152 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-153	CS-153 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-154	CS-154 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-155	CS-155 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-156	CS-156 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-157	CS-157 (0-0.25')	Total/NA	Solid	8015NM Prep	
MB 880-130159/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-130159/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-130159/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67482-138 MS	CS-138 (0-0.25')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC Semi VOA (Continued)

Prep Batch: 130159 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-138 MSD	CS-138 (0-0.25')	Total/NA	Solid	8015NM Prep	

Prep Batch: 130160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-158	CS-158 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-159	CS-159 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-160	CS-160 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-161	CS-161 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-162	CS-162 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-163	CS-163 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-164	CS-164 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-165	CS-165 (0-0.25')	Total/NA	Solid	8015NM Prep	
MB 880-130160/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-130160/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-130160/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67482-158 MS	CS-158 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-67482-158 MSD	CS-158 (0-0.25')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 130443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-58	CS-58 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-59	CS-59 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-60	CS-60 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-61	CS-61 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-62	CS-62 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-63	CS-63 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-64	CS-64 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-65	CS-65 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-66	CS-66 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-67	CS-67 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-68	CS-68 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-69	CS-69 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-70	CS-70 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-71	CS-71 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-72	CS-72 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-73	CS-73 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-74	CS-74 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-75	CS-75 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-76	CS-76 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-77	CS-77 (0-0.25')	Total/NA	Solid	8015B NM	130155
MB 880-130155/1-A	Method Blank	Total/NA	Solid	8015B NM	130155
LCS 880-130155/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	130155
LCSD 880-130155/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	130155
880-67482-58 MS	CS-58 (0-0.25')	Total/NA	Solid	8015B NM	130155
880-67482-58 MSD	CS-58 (0-0.25')	Total/NA	Solid	8015B NM	130155

Analysis Batch: 130450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-18	CS-18 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-19	CS-19 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-20	CS-20 (0-0.25')	Total/NA	Solid	8015B NM	130152

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC Semi VOA (Continued)

Analysis Batch: 130450 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-21	CS-21 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-22	CS-22 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-23	CS-23 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-24	CS-24 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-25	CS-25 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-26	CS-26 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-27	CS-27 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-28	CS-28 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-29	CS-29 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-30	CS-30 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-31	CS-31 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-32	CS-32 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-33	CS-33 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-34	CS-34 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-35	CS-35 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-36	CS-36 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-37	CS-37 (0-0.25')	Total/NA	Solid	8015B NM	130152
MB 880-130152/1-A	Method Blank	Total/NA	Solid	8015B NM	130152
LCS 880-130152/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	130152
LCSD 880-130152/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	130152
880-67482-18 MS	CS-18 (0-0.25')	Total/NA	Solid	8015B NM	130152
880-67482-18 MSD	CS-18 (0-0.25')	Total/NA	Solid	8015B NM	130152

Analysis Batch: 130500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-1	CS-1 (0-0.25')	Total/NA	Solid	8015B NM	130151
880-67482-2	CS-2 (0-0.25')	Total/NA	Solid	8015B NM	130151
880-67482-3	CS-3 (0-0.25')	Total/NA	Solid	8015B NM	130151
880-67482-4	CS-4 (0-0.25')	Total/NA	Solid	8015B NM	130151
880-67482-5	CS-5 (0-0.25')	Total/NA	Solid	8015B NM	130151
880-67482-6	CS-6 (0-0.25')	Total/NA	Solid	8015B NM	130151
880-67482-7	CS-7 (0-0.25')	Total/NA	Solid	8015B NM	130151
880-67482-8	CS-8 (0-0.25')	Total/NA	Solid	8015B NM	130151
880-67482-9	CS-9 (0-0.25')	Total/NA	Solid	8015B NM	130151
880-67482-10	CS-10 (0-0.25')	Total/NA	Solid	8015B NM	130151
880-67482-11	CS-11 (0-0.25')	Total/NA	Solid	8015B NM	130151
880-67482-12	CS-12 (0-0.25')	Total/NA	Solid	8015B NM	130151
880-67482-13	CS-13 (0-0.25')	Total/NA	Solid	8015B NM	130151
880-67482-14	CS-14 (0-0.25')	Total/NA	Solid	8015B NM	130151
880-67482-15	CS-15 (0-0.25')	Total/NA	Solid	8015B NM	130151
880-67482-16	CS-16 (0-0.25')	Total/NA	Solid	8015B NM	130151
880-67482-17	CS-17 (0-0.25')	Total/NA	Solid	8015B NM	130151
MB 880-130151/1-A	Method Blank	Total/NA	Solid	8015B NM	130151
LCS 880-130151/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	130151
LCSD 880-130151/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	130151
880-67481-A-23-B MS	Matrix Spike	Total/NA	Solid	8015B NM	130151
880-67481-A-23-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	130151

Analysis Batch: 130512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-1	CS-1 (0-0.25')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC Semi VOA (Continued)

Analysis Batch: 130512 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-2	CS-2 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-3	CS-3 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-4	CS-4 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-5	CS-5 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-6	CS-6 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-7	CS-7 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-8	CS-8 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-9	CS-9 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-10	CS-10 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-11	CS-11 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-12	CS-12 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-13	CS-13 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-14	CS-14 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-15	CS-15 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-16	CS-16 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-17	CS-17 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-18	CS-18 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-19	CS-19 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-20	CS-20 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-21	CS-21 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-22	CS-22 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-23	CS-23 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-24	CS-24 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-25	CS-25 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-26	CS-26 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-27	CS-27 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-28	CS-28 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-29	CS-29 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-30	CS-30 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-31	CS-31 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-32	CS-32 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-33	CS-33 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-34	CS-34 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-35	CS-35 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-36	CS-36 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-37	CS-37 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-38	CS-38 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-39	CS-39 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-40	CS-40 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-41	CS-41 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-42	CS-42 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-43	CS-43 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-44	CS-44 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-45	CS-45 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-46	CS-46 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-47	CS-47 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-48	CS-48 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-49	CS-49 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-50	CS-50 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-51	CS-51 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-52	CS-52 (0-0.25')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC Semi VOA (Continued)

Analysis Batch: 130512 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-53	CS-53 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-54	CS-54 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-55	CS-55 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-56	CS-56 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-57	CS-57 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-58	CS-58 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-59	CS-59 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-60	CS-60 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-61	CS-61 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-62	CS-62 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-63	CS-63 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-64	CS-64 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-65	CS-65 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-66	CS-66 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-67	CS-67 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-68	CS-68 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-69	CS-69 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-70	CS-70 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-71	CS-71 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-72	CS-72 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-73	CS-73 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-74	CS-74 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-75	CS-75 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-76	CS-76 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-77	CS-77 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-78	CS-78 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-79	CS-79 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-80	CS-80 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-81	CS-81 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-82	CS-82 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-83	CS-83 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-84	CS-84 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-85	CS-85 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-86	CS-86 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-87	CS-87 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-88	CS-88 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-89	CS-89 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-90	CS-90 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-91	CS-91 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-92	CS-92 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-93	CS-93 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-94	CS-94 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-95	CS-95 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-96	CS-96 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-97	CS-97 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-98	CS-98 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-99	CS-99 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-100	CS-100 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-101	CS-101 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-102	CS-102 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-103	CS-103 (0-0.25')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC Semi VOA (Continued)

Analysis Batch: 130512 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-104	CS-104 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-105	CS-105 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-106	CS-106 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-107	CS-107 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-108	CS-108 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-109	CS-109 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-110	CS-110 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-111	CS-111 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-112	CS-112 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-113	CS-113 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-114	CS-114 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-115	CS-115 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-116	CS-116 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-117	CS-117 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-118	CS-118 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-119	CS-119 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-120	CS-120 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-121	CS-121 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-122	CS-122 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-123	CS-123 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-124	CS-124 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-125	CS-125 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-126	CS-126 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-127	CS-127 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-128	CS-128 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-129	CS-129 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-130	CS-130 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-131	CS-131 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-132	CS-132 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-133	CS-133 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-134	CS-134 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-135	CS-135 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-136	CS-136 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-137	CS-137 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-138	CS-138 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-139	CS-139 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-140	CS-140 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-141	CS-141 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-142	CS-142 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-143	CS-143 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-144	CS-144 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-145	CS-145 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-146	CS-146 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-147	CS-147 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-148	CS-148 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-149	CS-149 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-150	CS-150 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-151	CS-151 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-152	CS-152 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-153	CS-153 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-154	CS-154 (0-0.25')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC Semi VOA (Continued)

Analysis Batch: 130512 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-155	CS-155 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-156	CS-156 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-157	CS-157 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-158	CS-158 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-159	CS-159 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-160	CS-160 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-161	CS-161 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-162	CS-162 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-163	CS-163 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-164	CS-164 (0-0.25')	Total/NA	Solid	8015 NM	
880-67482-165	CS-165 (0-0.25')	Total/NA	Solid	8015 NM	

Analysis Batch: 130517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-38	CS-38 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-39	CS-39 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-40	CS-40 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-41	CS-41 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-42	CS-42 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-43	CS-43 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-44	CS-44 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-45	CS-45 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-46	CS-46 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-47	CS-47 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-48	CS-48 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-49	CS-49 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-50	CS-50 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-51	CS-51 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-52	CS-52 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-53	CS-53 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-54	CS-54 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-55	CS-55 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-56	CS-56 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-57	CS-57 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-98	CS-98 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-99	CS-99 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-100	CS-100 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-101	CS-101 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-102	CS-102 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-103	CS-103 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-104	CS-104 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-105	CS-105 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-106	CS-106 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-107	CS-107 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-108	CS-108 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-109	CS-109 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-110	CS-110 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-111	CS-111 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-112	CS-112 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-113	CS-113 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-114	CS-114 (0-0.25')	Total/NA	Solid	8015B NM	130157

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC Semi VOA (Continued)

Analysis Batch: 130517 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-115	CS-115 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-116	CS-116 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-117	CS-117 (0-0.25')	Total/NA	Solid	8015B NM	130157
MB 880-130153/1-A	Method Blank	Total/NA	Solid	8015B NM	130153
MB 880-130157/1-A	Method Blank	Total/NA	Solid	8015B NM	130157
LCS 880-130153/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	130153
LCS 880-130157/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	130157
LCSD 880-130153/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	130153
LCSD 880-130157/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	130157
880-67482-38 MS	CS-38 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-38 MSD	CS-38 (0-0.25')	Total/NA	Solid	8015B NM	130153
880-67482-98 MS	CS-98 (0-0.25')	Total/NA	Solid	8015B NM	130157
880-67482-98 MSD	CS-98 (0-0.25')	Total/NA	Solid	8015B NM	130157

Analysis Batch: 130520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-78	CS-78 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-79	CS-79 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-80	CS-80 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-81	CS-81 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-82	CS-82 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-83	CS-83 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-84	CS-84 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-85	CS-85 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-86	CS-86 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-87	CS-87 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-88	CS-88 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-89	CS-89 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-90	CS-90 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-91	CS-91 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-92	CS-92 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-93	CS-93 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-94	CS-94 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-95	CS-95 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-96	CS-96 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-97	CS-97 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-118	CS-118 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-119	CS-119 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-120	CS-120 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-121	CS-121 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-122	CS-122 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-123	CS-123 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-124	CS-124 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-125	CS-125 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-126	CS-126 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-127	CS-127 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-128	CS-128 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-129	CS-129 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-130	CS-130 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-131	CS-131 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-132	CS-132 (0-0.25')	Total/NA	Solid	8015B NM	130158

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC Semi VOA (Continued)

Analysis Batch: 130520 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-133	CS-133 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-134	CS-134 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-135	CS-135 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-136	CS-136 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-137	CS-137 (0-0.25')	Total/NA	Solid	8015B NM	130158
MB 880-130156/1-A	Method Blank	Total/NA	Solid	8015B NM	130156
MB 880-130158/1-A	Method Blank	Total/NA	Solid	8015B NM	130158
LCS 880-130156/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	130156
LCS 880-130158/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	130158
LCSD 880-130156/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	130156
LCSD 880-130158/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	130158
880-67482-78 MS	CS-78 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-78 MSD	CS-78 (0-0.25')	Total/NA	Solid	8015B NM	130156
880-67482-118 MS	CS-118 (0-0.25')	Total/NA	Solid	8015B NM	130158
880-67482-118 MSD	CS-118 (0-0.25')	Total/NA	Solid	8015B NM	130158

Analysis Batch: 130622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-158	CS-158 (0-0.25')	Total/NA	Solid	8015B NM	130160
880-67482-159	CS-159 (0-0.25')	Total/NA	Solid	8015B NM	130160
880-67482-160	CS-160 (0-0.25')	Total/NA	Solid	8015B NM	130160
880-67482-161	CS-161 (0-0.25')	Total/NA	Solid	8015B NM	130160
880-67482-162	CS-162 (0-0.25')	Total/NA	Solid	8015B NM	130160
880-67482-163	CS-163 (0-0.25')	Total/NA	Solid	8015B NM	130160
880-67482-164	CS-164 (0-0.25')	Total/NA	Solid	8015B NM	130160
880-67482-165	CS-165 (0-0.25')	Total/NA	Solid	8015B NM	130160
MB 880-130160/1-A	Method Blank	Total/NA	Solid	8015B NM	130160
LCS 880-130160/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	130160
LCSD 880-130160/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	130160
880-67482-158 MS	CS-158 (0-0.25')	Total/NA	Solid	8015B NM	130160
880-67482-158 MSD	CS-158 (0-0.25')	Total/NA	Solid	8015B NM	130160

Analysis Batch: 130624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-138	CS-138 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-139	CS-139 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-140	CS-140 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-141	CS-141 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-142	CS-142 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-143	CS-143 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-144	CS-144 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-145	CS-145 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-146	CS-146 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-147	CS-147 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-148	CS-148 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-149	CS-149 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-150	CS-150 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-151	CS-151 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-152	CS-152 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-153	CS-153 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-154	CS-154 (0-0.25')	Total/NA	Solid	8015B NM	130159

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

GC Semi VOA (Continued)

Analysis Batch: 130624 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-155	CS-155 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-156	CS-156 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-157	CS-157 (0-0.25')	Total/NA	Solid	8015B NM	130159
MB 880-130159/1-A	Method Blank	Total/NA	Solid	8015B NM	130159
LCS 880-130159/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	130159
LCSD 880-130159/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	130159
880-67482-138 MS	CS-138 (0-0.25')	Total/NA	Solid	8015B NM	130159
880-67482-138 MSD	CS-138 (0-0.25')	Total/NA	Solid	8015B NM	130159

HPLC/IC

Leach Batch: 130177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-1	CS-1 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-2	CS-2 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-3	CS-3 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-4	CS-4 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-5	CS-5 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-6	CS-6 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-7	CS-7 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-8	CS-8 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-9	CS-9 (0-0.25')	Soluble	Solid	DI Leach	
MB 880-130177/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-130177/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-130177/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67481-A-25-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-67481-A-25-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 130178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-10	CS-10 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-11	CS-11 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-12	CS-12 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-13	CS-13 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-14	CS-14 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-15	CS-15 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-16	CS-16 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-17	CS-17 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-18	CS-18 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-19	CS-19 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-20	CS-20 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-21	CS-21 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-22	CS-22 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-23	CS-23 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-24	CS-24 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-25	CS-25 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-26	CS-26 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-27	CS-27 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-28	CS-28 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-29	CS-29 (0-0.25')	Soluble	Solid	DI Leach	
MB 880-130178/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

HPLC/IC (Continued)

Leach Batch: 130178 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-130178/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-130178/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67482-10 MS	CS-10 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-10 MSD	CS-10 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-20 MS	CS-20 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-20 MSD	CS-20 (0-0.25')	Soluble	Solid	DI Leach	

Leach Batch: 130179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-30	CS-30 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-31	CS-31 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-32	CS-32 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-33	CS-33 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-34	CS-34 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-35	CS-35 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-36	CS-36 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-37	CS-37 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-38	CS-38 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-39	CS-39 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-40	CS-40 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-41	CS-41 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-42	CS-42 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-43	CS-43 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-44	CS-44 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-45	CS-45 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-46	CS-46 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-47	CS-47 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-48	CS-48 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-49	CS-49 (0-0.25')	Soluble	Solid	DI Leach	
MB 880-130179/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-130179/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-130179/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67482-30 MS	CS-30 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-30 MSD	CS-30 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-40 MS	CS-40 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-40 MSD	CS-40 (0-0.25')	Soluble	Solid	DI Leach	

Leach Batch: 130180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-50	CS-50 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-51	CS-51 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-52	CS-52 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-53	CS-53 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-54	CS-54 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-55	CS-55 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-56	CS-56 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-57	CS-57 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-58	CS-58 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-59	CS-59 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-60	CS-60 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-61	CS-61 (0-0.25')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

HPLC/IC (Continued)

Leach Batch: 130180 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-62	CS-62 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-63	CS-63 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-64	CS-64 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-65	CS-65 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-66	CS-66 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-67	CS-67 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-68	CS-68 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-69	CS-69 (0-0.25')	Soluble	Solid	DI Leach	
MB 880-130180/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-130180/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-130180/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67482-50 MS	CS-50 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-50 MSD	CS-50 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-60 MS	CS-60 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-60 MSD	CS-60 (0-0.25')	Soluble	Solid	DI Leach	

Leach Batch: 130181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-70	CS-70 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-71	CS-71 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-72	CS-72 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-73	CS-73 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-74	CS-74 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-75	CS-75 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-76	CS-76 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-77	CS-77 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-78	CS-78 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-79	CS-79 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-80	CS-80 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-81	CS-81 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-82	CS-82 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-83	CS-83 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-84	CS-84 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-85	CS-85 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-86	CS-86 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-87	CS-87 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-88	CS-88 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-89	CS-89 (0-0.25')	Soluble	Solid	DI Leach	
MB 880-130181/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-130181/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-130181/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67482-70 MS	CS-70 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-70 MSD	CS-70 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-80 MS	CS-80 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-80 MSD	CS-80 (0-0.25')	Soluble	Solid	DI Leach	

Leach Batch: 130182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-90	CS-90 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-91	CS-91 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-92	CS-92 (0-0.25')	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

HPLC/IC (Continued)

Leach Batch: 130182 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-93	CS-93 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-94	CS-94 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-95	CS-95 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-96	CS-96 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-97	CS-97 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-98	CS-98 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-99	CS-99 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-100	CS-100 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-101	CS-101 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-102	CS-102 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-103	CS-103 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-104	CS-104 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-105	CS-105 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-106	CS-106 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-107	CS-107 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-108	CS-108 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-109	CS-109 (0-0.25')	Soluble	Solid	DI Leach	
MB 880-130182/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-130182/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-130182/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67482-90 MS	CS-90 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-90 MSD	CS-90 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-100 MS	CS-100 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-100 MSD	CS-100 (0-0.25')	Soluble	Solid	DI Leach	

Leach Batch: 130183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-110	CS-110 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-111	CS-111 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-112	CS-112 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-113	CS-113 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-114	CS-114 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-115	CS-115 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-116	CS-116 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-117	CS-117 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-118	CS-118 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-119	CS-119 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-120	CS-120 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-121	CS-121 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-122	CS-122 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-123	CS-123 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-124	CS-124 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-125	CS-125 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-126	CS-126 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-127	CS-127 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-128	CS-128 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-129	CS-129 (0-0.25')	Soluble	Solid	DI Leach	
MB 880-130183/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-130183/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-130183/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67482-110 MS	CS-110 (0-0.25')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

HPLC/IC (Continued)

Leach Batch: 130183 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-110 MSD	CS-110 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-120 MS	CS-120 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-120 MSD	CS-120 (0-0.25')	Soluble	Solid	DI Leach	

Leach Batch: 130184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-130	CS-130 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-131	CS-131 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-132	CS-132 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-133	CS-133 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-134	CS-134 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-135	CS-135 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-136	CS-136 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-137	CS-137 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-138	CS-138 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-139	CS-139 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-140	CS-140 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-141	CS-141 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-142	CS-142 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-143	CS-143 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-144	CS-144 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-145	CS-145 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-146	CS-146 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-147	CS-147 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-148	CS-148 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-149	CS-149 (0-0.25')	Soluble	Solid	DI Leach	
MB 880-130184/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-130184/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-130184/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67482-130 MS	CS-130 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-130 MSD	CS-130 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-140 MS	CS-140 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-140 MSD	CS-140 (0-0.25')	Soluble	Solid	DI Leach	

Leach Batch: 130185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-150	CS-150 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-151	CS-151 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-152	CS-152 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-153	CS-153 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-154	CS-154 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-155	CS-155 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-156	CS-156 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-157	CS-157 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-158	CS-158 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-159	CS-159 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-160	CS-160 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-161	CS-161 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-162	CS-162 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-163	CS-163 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-164	CS-164 (0-0.25')	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

HPLC/IC (Continued)

Leach Batch: 130185 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-165	CS-165 (0-0.25')	Soluble	Solid	DI Leach	
MB 880-130185/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-130185/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-130185/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67482-150 MS	CS-150 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-150 MSD	CS-150 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-160 MS	CS-160 (0-0.25')	Soluble	Solid	DI Leach	
880-67482-160 MSD	CS-160 (0-0.25')	Soluble	Solid	DI Leach	

Analysis Batch: 130254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-1	CS-1 (0-0.25')	Soluble	Solid	300.0	130177
880-67482-2	CS-2 (0-0.25')	Soluble	Solid	300.0	130177
880-67482-3	CS-3 (0-0.25')	Soluble	Solid	300.0	130177
880-67482-4	CS-4 (0-0.25')	Soluble	Solid	300.0	130177
880-67482-5	CS-5 (0-0.25')	Soluble	Solid	300.0	130177
880-67482-6	CS-6 (0-0.25')	Soluble	Solid	300.0	130177
880-67482-7	CS-7 (0-0.25')	Soluble	Solid	300.0	130177
880-67482-8	CS-8 (0-0.25')	Soluble	Solid	300.0	130177
880-67482-9	CS-9 (0-0.25')	Soluble	Solid	300.0	130177
MB 880-130177/1-A	Method Blank	Soluble	Solid	300.0	130177
LCS 880-130177/2-A	Lab Control Sample	Soluble	Solid	300.0	130177
LCSD 880-130177/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	130177
880-67481-A-25-C MS	Matrix Spike	Soluble	Solid	300.0	130177
880-67481-A-25-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	130177

Analysis Batch: 130291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-10	CS-10 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-11	CS-11 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-12	CS-12 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-13	CS-13 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-14	CS-14 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-15	CS-15 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-16	CS-16 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-17	CS-17 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-18	CS-18 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-19	CS-19 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-20	CS-20 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-21	CS-21 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-22	CS-22 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-23	CS-23 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-24	CS-24 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-25	CS-25 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-26	CS-26 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-27	CS-27 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-28	CS-28 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-29	CS-29 (0-0.25')	Soluble	Solid	300.0	130178
MB 880-130178/1-A	Method Blank	Soluble	Solid	300.0	130178
LCS 880-130178/2-A	Lab Control Sample	Soluble	Solid	300.0	130178
LCSD 880-130178/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	130178

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QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

HPLC/IC (Continued)

Analysis Batch: 130291 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-10 MS	CS-10 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-10 MSD	CS-10 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-20 MS	CS-20 (0-0.25')	Soluble	Solid	300.0	130178
880-67482-20 MSD	CS-20 (0-0.25')	Soluble	Solid	300.0	130178

Analysis Batch: 130293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-30	CS-30 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-31	CS-31 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-32	CS-32 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-33	CS-33 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-34	CS-34 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-35	CS-35 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-36	CS-36 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-37	CS-37 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-38	CS-38 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-39	CS-39 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-40	CS-40 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-41	CS-41 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-42	CS-42 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-43	CS-43 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-44	CS-44 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-45	CS-45 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-46	CS-46 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-47	CS-47 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-48	CS-48 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-49	CS-49 (0-0.25')	Soluble	Solid	300.0	130179
MB 880-130179/1-A	Method Blank	Soluble	Solid	300.0	130179
LCS 880-130179/2-A	Lab Control Sample	Soluble	Solid	300.0	130179
LCSD 880-130179/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	130179
880-67482-30 MS	CS-30 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-30 MSD	CS-30 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-40 MS	CS-40 (0-0.25')	Soluble	Solid	300.0	130179
880-67482-40 MSD	CS-40 (0-0.25')	Soluble	Solid	300.0	130179

Analysis Batch: 130294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-50	CS-50 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-51	CS-51 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-52	CS-52 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-53	CS-53 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-54	CS-54 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-55	CS-55 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-56	CS-56 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-57	CS-57 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-58	CS-58 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-59	CS-59 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-60	CS-60 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-61	CS-61 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-62	CS-62 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-63	CS-63 (0-0.25')	Soluble	Solid	300.0	130180

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QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
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HPLC/IC (Continued)

Analysis Batch: 130294 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-64	CS-64 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-65	CS-65 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-66	CS-66 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-67	CS-67 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-68	CS-68 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-69	CS-69 (0-0.25')	Soluble	Solid	300.0	130180
MB 880-130180/1-A	Method Blank	Soluble	Solid	300.0	130180
LCS 880-130180/2-A	Lab Control Sample	Soluble	Solid	300.0	130180
LCSD 880-130180/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	130180
880-67482-50 MS	CS-50 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-50 MSD	CS-50 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-60 MS	CS-60 (0-0.25')	Soluble	Solid	300.0	130180
880-67482-60 MSD	CS-60 (0-0.25')	Soluble	Solid	300.0	130180

Analysis Batch: 130347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-70	CS-70 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-71	CS-71 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-72	CS-72 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-73	CS-73 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-74	CS-74 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-75	CS-75 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-76	CS-76 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-77	CS-77 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-78	CS-78 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-79	CS-79 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-80	CS-80 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-81	CS-81 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-82	CS-82 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-83	CS-83 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-84	CS-84 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-85	CS-85 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-86	CS-86 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-87	CS-87 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-88	CS-88 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-89	CS-89 (0-0.25')	Soluble	Solid	300.0	130181
MB 880-130181/1-A	Method Blank	Soluble	Solid	300.0	130181
LCS 880-130181/2-A	Lab Control Sample	Soluble	Solid	300.0	130181
LCSD 880-130181/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	130181
880-67482-70 MS	CS-70 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-70 MSD	CS-70 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-80 MS	CS-80 (0-0.25')	Soluble	Solid	300.0	130181
880-67482-80 MSD	CS-80 (0-0.25')	Soluble	Solid	300.0	130181

Analysis Batch: 130352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-90	CS-90 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-91	CS-91 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-92	CS-92 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-93	CS-93 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-94	CS-94 (0-0.25')	Soluble	Solid	300.0	130182

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QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

HPLC/IC (Continued)

Analysis Batch: 130352 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-95	CS-95 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-96	CS-96 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-97	CS-97 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-98	CS-98 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-99	CS-99 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-100	CS-100 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-101	CS-101 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-102	CS-102 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-103	CS-103 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-104	CS-104 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-105	CS-105 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-106	CS-106 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-107	CS-107 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-108	CS-108 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-109	CS-109 (0-0.25')	Soluble	Solid	300.0	130182
MB 880-130182/1-A	Method Blank	Soluble	Solid	300.0	130182
LCS 880-130182/2-A	Lab Control Sample	Soluble	Solid	300.0	130182
LCSD 880-130182/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	130182
880-67482-90 MS	CS-90 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-90 MSD	CS-90 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-100 MS	CS-100 (0-0.25')	Soluble	Solid	300.0	130182
880-67482-100 MSD	CS-100 (0-0.25')	Soluble	Solid	300.0	130182

Analysis Batch: 130369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-110	CS-110 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-111	CS-111 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-112	CS-112 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-113	CS-113 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-114	CS-114 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-115	CS-115 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-116	CS-116 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-117	CS-117 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-118	CS-118 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-119	CS-119 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-120	CS-120 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-121	CS-121 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-122	CS-122 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-123	CS-123 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-124	CS-124 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-125	CS-125 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-126	CS-126 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-127	CS-127 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-128	CS-128 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-129	CS-129 (0-0.25')	Soluble	Solid	300.0	130183
MB 880-130183/1-A	Method Blank	Soluble	Solid	300.0	130183
LCS 880-130183/2-A	Lab Control Sample	Soluble	Solid	300.0	130183
LCSD 880-130183/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	130183
880-67482-110 MS	CS-110 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-110 MSD	CS-110 (0-0.25')	Soluble	Solid	300.0	130183
880-67482-120 MS	CS-120 (0-0.25')	Soluble	Solid	300.0	130183

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QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

HPLC/IC (Continued)

Analysis Batch: 130369 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-120 MSD	CS-120 (0-0.25')	Soluble	Solid	300.0	130183

Analysis Batch: 130370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-150	CS-150 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-151	CS-151 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-152	CS-152 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-153	CS-153 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-154	CS-154 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-155	CS-155 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-156	CS-156 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-157	CS-157 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-158	CS-158 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-159	CS-159 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-160	CS-160 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-161	CS-161 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-162	CS-162 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-163	CS-163 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-164	CS-164 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-165	CS-165 (0-0.25')	Soluble	Solid	300.0	130185
MB 880-130185/1-A	Method Blank	Soluble	Solid	300.0	130185
LCS 880-130185/2-A	Lab Control Sample	Soluble	Solid	300.0	130185
LCSD 880-130185/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	130185
880-67482-150 MS	CS-150 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-150 MSD	CS-150 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-160 MS	CS-160 (0-0.25')	Soluble	Solid	300.0	130185
880-67482-160 MSD	CS-160 (0-0.25')	Soluble	Solid	300.0	130185

Analysis Batch: 130378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67482-130	CS-130 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-131	CS-131 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-132	CS-132 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-133	CS-133 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-134	CS-134 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-135	CS-135 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-136	CS-136 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-137	CS-137 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-138	CS-138 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-139	CS-139 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-140	CS-140 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-141	CS-141 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-142	CS-142 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-143	CS-143 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-144	CS-144 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-145	CS-145 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-146	CS-146 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-147	CS-147 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-148	CS-148 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-149	CS-149 (0-0.25')	Soluble	Solid	300.0	130184
MB 880-130184/1-A	Method Blank	Soluble	Solid	300.0	130184

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

HPLC/IC (Continued)

Analysis Batch: 130378 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-130184/2-A	Lab Control Sample	Soluble	Solid	300.0	130184
LCSD 880-130184/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	130184
880-67482-130 MS	CS-130 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-130 MSD	CS-130 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-140 MS	CS-140 (0-0.25')	Soluble	Solid	300.0	130184
880-67482-140 MSD	CS-140 (0-0.25')	Soluble	Solid	300.0	130184

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-1 (0-0.25')

Lab Sample ID: 880-67482-1

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130748	02/03/26 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130701	02/03/26 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 18:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 11:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	130151	01/28/26 14:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130500	02/02/26 11:33	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130177	01/28/26 16:08	SA	EET MID
Soluble	Analysis	300.0		5			130254	01/30/26 09:10	CS	EET MID

Client Sample ID: CS-2 (0-0.25')

Lab Sample ID: 880-67482-2

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130748	02/03/26 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130701	02/03/26 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 18:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 11:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130151	01/28/26 14:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130500	02/02/26 11:48	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130177	01/28/26 16:08	SA	EET MID
Soluble	Analysis	300.0		5			130254	01/29/26 17:07	CS	EET MID

Client Sample ID: CS-3 (0-0.25')

Lab Sample ID: 880-67482-3

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130748	02/03/26 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130701	02/03/26 18:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 18:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 12:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130151	01/28/26 14:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130500	02/02/26 12:02	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130177	01/28/26 16:08	SA	EET MID
Soluble	Analysis	300.0		1			130254	01/29/26 17:23	CS	EET MID

Client Sample ID: CS-4 (0-0.25')

Lab Sample ID: 880-67482-4

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130748	02/03/26 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130701	02/03/26 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 19:16	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-4 (0-0.25')

Lab Sample ID: 880-67482-4

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130512	02/02/26 12:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130151	01/28/26 14:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130500	02/02/26 12:16	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130177	01/28/26 16:08	SA	EET MID
Soluble	Analysis	300.0		10			130254	01/29/26 17:28	CS	EET MID

Client Sample ID: CS-5 (0-0.25')

Lab Sample ID: 880-67482-5

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130748	02/03/26 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130701	02/03/26 19:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 19:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 12:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	130151	01/28/26 14:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130500	02/02/26 12:30	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130177	01/28/26 16:08	SA	EET MID
Soluble	Analysis	300.0		1			130254	01/29/26 17:33	CS	EET MID

Client Sample ID: CS-6 (0-0.25')

Lab Sample ID: 880-67482-6

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	130748	02/03/26 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130701	02/03/26 19:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 19:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 12:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130151	01/28/26 14:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130500	02/02/26 12:44	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130177	01/28/26 16:08	SA	EET MID
Soluble	Analysis	300.0		5			130254	01/29/26 17:38	CS	EET MID

Client Sample ID: CS-7 (0-0.25')

Lab Sample ID: 880-67482-7

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130748	02/03/26 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130701	02/03/26 20:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 20:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 12:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	130151	01/28/26 14:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130500	02/02/26 12:58	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-7 (0-0.25')

Lab Sample ID: 880-67482-7

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	130177	01/28/26 16:08	SA	EET MID
Soluble	Analysis	300.0		10			130254	01/29/26 17:44	CS	EET MID

Client Sample ID: CS-8 (0-0.25')

Lab Sample ID: 880-67482-8

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130748	02/03/26 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130701	02/03/26 20:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 20:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 13:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130151	01/28/26 14:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130500	02/02/26 13:26	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130177	01/28/26 16:08	SA	EET MID
Soluble	Analysis	300.0		10			130254	01/29/26 17:49	CS	EET MID

Client Sample ID: CS-9 (0-0.25')

Lab Sample ID: 880-67482-9

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130748	02/03/26 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130701	02/03/26 20:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 20:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 13:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	130151	01/28/26 14:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130500	02/02/26 13:40	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130177	01/28/26 16:08	SA	EET MID
Soluble	Analysis	300.0		1			130254	01/29/26 17:54	CS	EET MID

Client Sample ID: CS-10 (0-0.25')

Lab Sample ID: 880-67482-10

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130748	02/03/26 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130701	02/03/26 21:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 21:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 13:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	130151	01/28/26 14:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130500	02/02/26 13:55	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 14:32	CS	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-11 (0-0.25')**Lab Sample ID: 880-67482-11****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130759	02/04/26 09:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130740	02/04/26 18:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 18:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 14:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130151	01/28/26 14:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130500	02/02/26 14:08	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 14:48	CS	EET MID

Client Sample ID: CS-12 (0-0.25')**Lab Sample ID: 880-67482-12****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130759	02/04/26 09:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130740	02/04/26 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 19:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 14:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130151	01/28/26 14:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130500	02/02/26 14:23	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 14:53	CS	EET MID

Client Sample ID: CS-13 (0-0.25')**Lab Sample ID: 880-67482-13****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130759	02/04/26 09:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130740	02/04/26 19:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 19:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 14:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	130151	01/28/26 14:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130500	02/02/26 14:37	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 14:58	CS	EET MID

Client Sample ID: CS-14 (0-0.25')**Lab Sample ID: 880-67482-14****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130759	02/04/26 09:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130740	02/04/26 19:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 19:58	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-14 (0-0.25')

Lab Sample ID: 880-67482-14

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130512	02/02/26 14:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130151	01/28/26 14:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130500	02/02/26 14:51	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 15:03	CS	EET MID

Client Sample ID: CS-15 (0-0.25')

Lab Sample ID: 880-67482-15

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130759	02/04/26 09:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130740	02/04/26 20:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 20:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 15:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130151	01/28/26 14:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130500	02/02/26 15:05	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 15:19	CS	EET MID

Client Sample ID: CS-16 (0-0.25')

Lab Sample ID: 880-67482-16

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130757	02/04/26 09:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/05/26 02:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 02:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 15:19	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	130151	01/28/26 14:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130500	02/02/26 15:19	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 15:24	CS	EET MID

Client Sample ID: CS-17 (0-0.25')

Lab Sample ID: 880-67482-17

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130757	02/04/26 09:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/05/26 02:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 02:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 15:34	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	130151	01/28/26 14:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130500	02/02/26 15:34	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-17 (0-0.25')

Date Collected: 01/27/26 00:00

Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 15:30	CS	EET MID

Client Sample ID: CS-18 (0-0.25')

Date Collected: 01/27/26 00:00

Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130757	02/04/26 09:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/05/26 02:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 02:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 18:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 18:32	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 15:35	CS	EET MID

Client Sample ID: CS-19 (0-0.25')

Date Collected: 01/27/26 00:00

Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130757	02/04/26 09:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/05/26 06:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 06:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 19:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 19:15	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 15:40	CS	EET MID

Client Sample ID: CS-20 (0-0.25')

Date Collected: 01/27/26 00:00

Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130757	02/04/26 09:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/05/26 06:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 06:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 19:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 19:29	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 15:45	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-21 (0-0.25')**Lab Sample ID: 880-67482-21****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/03/26 20:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 20:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 19:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 19:43	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 16:01	CS	EET MID

Client Sample ID: CS-22 (0-0.25')**Lab Sample ID: 880-67482-22****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/03/26 21:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 21:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 19:57	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 19:57	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 16:06	CS	EET MID

Client Sample ID: CS-23 (0-0.25')**Lab Sample ID: 880-67482-23****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/03/26 21:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 21:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 20:11	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 20:11	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 16:22	CS	EET MID

Client Sample ID: CS-24 (0-0.25')**Lab Sample ID: 880-67482-24****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/03/26 21:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 21:41	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-24 (0-0.25')

Lab Sample ID: 880-67482-24

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130512	01/31/26 20:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 20:24	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 16:27	CS	EET MID

Client Sample ID: CS-25 (0-0.25')

Lab Sample ID: 880-67482-25

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/03/26 22:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 22:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 20:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 20:39	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 16:32	CS	EET MID

Client Sample ID: CS-26 (0-0.25')

Lab Sample ID: 880-67482-26

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/03/26 22:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 22:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 20:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 20:53	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 16:38	CS	EET MID

Client Sample ID: CS-27 (0-0.25')

Lab Sample ID: 880-67482-27

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/03/26 22:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 22:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 21:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 21:06	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-27 (0-0.25')

Lab Sample ID: 880-67482-27

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 16:43	CS	EET MID

Client Sample ID: CS-28 (0-0.25')

Lab Sample ID: 880-67482-28

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/03/26 23:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 23:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 21:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 21:35	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 16:48	CS	EET MID

Client Sample ID: CS-29 (0-0.25')

Lab Sample ID: 880-67482-29

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/03/26 23:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 23:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 21:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 21:48	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	130178	01/28/26 16:11	SA	EET MID
Soluble	Analysis	300.0		5			130291	01/30/26 16:53	CS	EET MID

Client Sample ID: CS-30 (0-0.25')

Lab Sample ID: 880-67482-30

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/03/26 23:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 23:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 22:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 22:03	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 10:15	CS	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-31 (0-0.25')

Lab Sample ID: 880-67482-31

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/04/26 01:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 01:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 22:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 22:17	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 10:31	CS	EET MID

Client Sample ID: CS-32 (0-0.25')

Lab Sample ID: 880-67482-32

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/04/26 01:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 01:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 22:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 22:31	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 10:36	CS	EET MID

Client Sample ID: CS-33 (0-0.25')

Lab Sample ID: 880-67482-33

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/04/26 01:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 01:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 22:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 22:45	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 10:41	CS	EET MID

Client Sample ID: CS-34 (0-0.25')

Lab Sample ID: 880-67482-34

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/04/26 02:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 02:19	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-34 (0-0.25')

Lab Sample ID: 880-67482-34

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130512	01/31/26 22:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 22:59	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 10:47	CS	EET MID

Client Sample ID: CS-35 (0-0.25')

Lab Sample ID: 880-67482-35

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/04/26 02:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 02:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 23:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 23:13	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 11:02	CS	EET MID

Client Sample ID: CS-36 (0-0.25')

Lab Sample ID: 880-67482-36

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/04/26 03:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 03:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 23:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 23:28	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 11:08	CS	EET MID

Client Sample ID: CS-37 (0-0.25')

Lab Sample ID: 880-67482-37

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/04/26 03:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 03:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 23:42	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	130152	01/28/26 14:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130450	01/31/26 23:42	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-37 (0-0.25')

Lab Sample ID: 880-67482-37

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 11:13	CS	EET MID

Client Sample ID: CS-38 (0-0.25')

Lab Sample ID: 880-67482-38

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/04/26 03:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 03:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 00:22	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 00:22	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 11:18	CS	EET MID

Client Sample ID: CS-39 (0-0.25')

Lab Sample ID: 880-67482-39

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/04/26 04:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 04:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 01:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 01:07	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 12:37	CS	EET MID

Client Sample ID: CS-40 (0-0.25')

Lab Sample ID: 880-67482-40

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130749	02/03/26 08:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130611	02/04/26 04:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 04:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 01:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 01:22	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 12:42	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-41 (0-0.25')
Date Collected: 01/27/26 00:00
Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130755	02/03/26 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130615	02/03/26 23:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 23:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 01:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 01:37	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 12:58	CS	EET MID

Client Sample ID: CS-42 (0-0.25')
Date Collected: 01/27/26 00:00
Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130755	02/03/26 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130615	02/03/26 23:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/03/26 23:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 01:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 01:52	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 13:03	CS	EET MID

Client Sample ID: CS-43 (0-0.25')
Date Collected: 01/27/26 00:00
Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130755	02/03/26 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130615	02/04/26 00:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 00:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 02:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 02:07	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 13:19	CS	EET MID

Client Sample ID: CS-44 (0-0.25')
Date Collected: 01/27/26 00:00
Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130755	02/03/26 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130615	02/04/26 00:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 00:23	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-44 (0-0.25')

Lab Sample ID: 880-67482-44

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130512	02/03/26 02:22	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 02:22	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 13:24	CS	EET MID

Client Sample ID: CS-45 (0-0.25')

Lab Sample ID: 880-67482-45

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130755	02/03/26 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130615	02/04/26 00:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 00:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 02:37	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 02:37	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 13:29	CS	EET MID

Client Sample ID: CS-46 (0-0.25')

Lab Sample ID: 880-67482-46

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	130755	02/03/26 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130615	02/04/26 01:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 01:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 02:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 02:51	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 13:34	CS	EET MID

Client Sample ID: CS-47 (0-0.25')

Lab Sample ID: 880-67482-47

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130755	02/03/26 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130615	02/04/26 01:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 01:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 03:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 03:07	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-47 (0-0.25')

Lab Sample ID: 880-67482-47

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 13:39	CS	EET MID

Client Sample ID: CS-48 (0-0.25')

Lab Sample ID: 880-67482-48

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130755	02/03/26 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130615	02/04/26 01:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 01:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 03:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 03:36	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 13:45	CS	EET MID

Client Sample ID: CS-49 (0-0.25')

Lab Sample ID: 880-67482-49

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130755	02/03/26 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130615	02/04/26 02:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 02:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 03:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 03:52	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130179	01/28/26 16:13	SA	EET MID
Soluble	Analysis	300.0		5			130293	01/30/26 13:50	CS	EET MID

Client Sample ID: CS-50 (0-0.25')

Lab Sample ID: 880-67482-50

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130755	02/03/26 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130615	02/04/26 02:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 02:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 04:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 04:07	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 10:24	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-51 (0-0.25')

Lab Sample ID: 880-67482-51

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130755	02/03/26 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130615	02/04/26 04:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 04:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 04:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 04:21	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 10:44	CS	EET MID

Client Sample ID: CS-52 (0-0.25')

Lab Sample ID: 880-67482-52

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130755	02/03/26 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130615	02/04/26 04:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 04:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 04:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 04:36	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 10:51	CS	EET MID

Client Sample ID: CS-53 (0-0.25')

Lab Sample ID: 880-67482-53

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	130755	02/03/26 09:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130615	02/04/26 04:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 04:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 04:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 04:52	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 10:58	CS	EET MID

Client Sample ID: CS-54 (0-0.25')

Lab Sample ID: 880-67482-54

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130763	02/04/26 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130738	02/04/26 18:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 18:05	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-54 (0-0.25')

Date Collected: 01/27/26 00:00

Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-54

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130512	02/03/26 05:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 05:06	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 11:05	CS	EET MID

Client Sample ID: CS-55 (0-0.25')

Date Collected: 01/27/26 00:00

Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-55

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130763	02/04/26 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130738	02/04/26 18:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 18:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 05:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 05:21	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 11:26	CS	EET MID

Client Sample ID: CS-56 (0-0.25')

Date Collected: 01/27/26 00:00

Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-56

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	130763	02/04/26 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130738	02/04/26 18:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 18:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 05:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 05:36	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 11:33	CS	EET MID

Client Sample ID: CS-57 (0-0.25')

Date Collected: 01/27/26 00:00

Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-57

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130763	02/04/26 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130738	02/04/26 19:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 19:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 05:51	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	130153	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/03/26 05:51	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-57 (0-0.25')

Lab Sample ID: 880-67482-57

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 11:39	CS	EET MID

Client Sample ID: CS-58 (0-0.25')

Lab Sample ID: 880-67482-58

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130763	02/04/26 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130738	02/04/26 19:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 19:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 19:03	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 19:03	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 11:46	CS	EET MID

Client Sample ID: CS-59 (0-0.25')

Lab Sample ID: 880-67482-59

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130763	02/04/26 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130738	02/04/26 19:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 19:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 19:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 19:47	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 11:53	CS	EET MID

Client Sample ID: CS-60 (0-0.25')

Lab Sample ID: 880-67482-60

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130763	02/04/26 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130738	02/04/26 20:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 20:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 20:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 20:02	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 12:00	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-61 (0-0.25')

Lab Sample ID: 880-67482-61

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/04/26 23:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 23:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 20:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 20:17	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 12:21	CS	EET MID

Client Sample ID: CS-62 (0-0.25')

Lab Sample ID: 880-67482-62

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/04/26 23:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 23:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 20:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 20:32	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 12:28	CS	EET MID

Client Sample ID: CS-63 (0-0.25')

Lab Sample ID: 880-67482-63

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 00:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 00:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 20:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 20:46	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 12:48	CS	EET MID

Client Sample ID: CS-64 (0-0.25')

Lab Sample ID: 880-67482-64

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 00:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 00:35	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-64 (0-0.25')

Lab Sample ID: 880-67482-64

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130512	01/31/26 21:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 21:01	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 12:55	CS	EET MID

Client Sample ID: CS-65 (0-0.25')

Lab Sample ID: 880-67482-65

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 00:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 00:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 21:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 21:16	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 13:02	CS	EET MID

Client Sample ID: CS-66 (0-0.25')

Lab Sample ID: 880-67482-66

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 01:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 01:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 21:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 21:30	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 13:09	CS	EET MID

Client Sample ID: CS-67 (0-0.25')

Lab Sample ID: 880-67482-67

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 01:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 01:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 21:45	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 21:45	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-67 (0-0.25')**Lab Sample ID: 880-67482-67****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 13:16	CS	EET MID

Client Sample ID: CS-68 (0-0.25')**Lab Sample ID: 880-67482-68****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 01:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 01:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 22:14	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 22:14	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 13:23	CS	EET MID

Client Sample ID: CS-69 (0-0.25')**Lab Sample ID: 880-67482-69****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 02:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 02:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 22:29	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 22:29	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130180	01/28/26 16:15	SA	EET MID
Soluble	Analysis	300.0		5			130294	01/30/26 13:30	CS	EET MID

Client Sample ID: CS-70 (0-0.25')**Lab Sample ID: 880-67482-70****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 02:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 02:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 22:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 22:45	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 11:14	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-71 (0-0.25')

Lab Sample ID: 880-67482-71

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 04:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 04:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 22:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 22:59	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 11:30	CS	EET MID

Client Sample ID: CS-72 (0-0.25')

Lab Sample ID: 880-67482-72

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 04:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 04:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 23:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 23:14	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 11:37	CS	EET MID

Client Sample ID: CS-73 (0-0.25')

Lab Sample ID: 880-67482-73

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 04:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 04:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 23:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 23:29	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 11:44	CS	EET MID

Client Sample ID: CS-74 (0-0.25')

Lab Sample ID: 880-67482-74

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 05:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 05:13	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-74 (0-0.25')

Lab Sample ID: 880-67482-74

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130512	01/31/26 23:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 23:43	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 11:58	CS	EET MID

Client Sample ID: CS-75 (0-0.25')

Lab Sample ID: 880-67482-75

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 05:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 05:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	01/31/26 23:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	01/31/26 23:58	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 12:19	CS	EET MID

Client Sample ID: CS-76 (0-0.25')

Lab Sample ID: 880-67482-76

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 05:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 05:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/01/26 00:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	02/01/26 00:13	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 12:26	CS	EET MID

Client Sample ID: CS-77 (0-0.25')

Lab Sample ID: 880-67482-77

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 06:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 06:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/01/26 00:27	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	130155	01/28/26 14:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130443	02/01/26 00:27	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-77 (0-0.25')

Date Collected: 01/27/26 00:00

Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-77

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 12:33	CS	EET MID

Client Sample ID: CS-78 (0-0.25')

Date Collected: 01/27/26 00:00

Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-78

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 06:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 06:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 00:22	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 00:22	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 12:40	CS	EET MID

Client Sample ID: CS-79 (0-0.25')

Date Collected: 01/27/26 00:00

Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-79

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 06:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 06:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 01:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 01:07	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 12:46	CS	EET MID

Client Sample ID: CS-80 (0-0.25')

Date Collected: 01/27/26 00:00

Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-80

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	130810	02/04/26 12:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130739	02/05/26 07:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 07:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 01:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 01:22	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 12:53	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-81 (0-0.25')

Lab Sample ID: 880-67482-81

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 14:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 14:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 01:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 01:37	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 13:14	CS	EET MID

Client Sample ID: CS-82 (0-0.25')

Lab Sample ID: 880-67482-82

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 14:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 14:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 01:52	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 01:52	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 13:21	CS	EET MID

Client Sample ID: CS-83 (0-0.25')

Lab Sample ID: 880-67482-83

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 15:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 15:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 02:07	SA	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 02:07	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 13:42	CS	EET MID

Client Sample ID: CS-84 (0-0.25')

Lab Sample ID: 880-67482-84

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 16:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 16:06	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-84 (0-0.25')

Lab Sample ID: 880-67482-84

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130512	02/03/26 02:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 02:22	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 14:05	CS	EET MID

Client Sample ID: CS-85 (0-0.25')

Lab Sample ID: 880-67482-85

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 16:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 16:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 02:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 02:37	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 13:51	CS	EET MID

Client Sample ID: CS-86 (0-0.25')

Lab Sample ID: 880-67482-86

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 16:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 16:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 02:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 02:51	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 13:58	CS	EET MID

Client Sample ID: CS-87 (0-0.25')

Lab Sample ID: 880-67482-87

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 17:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 17:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 03:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 03:07	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-87 (0-0.25')

Date Collected: 01/27/26 00:00

Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-87

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 14:12	CS	EET MID

Client Sample ID: CS-88 (0-0.25')

Date Collected: 01/27/26 00:00

Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-88

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 17:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 17:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 03:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 03:36	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 14:19	CS	EET MID

Client Sample ID: CS-89 (0-0.25')

Date Collected: 01/27/26 00:00

Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-89

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 17:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 17:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 03:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 03:52	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130181	01/28/26 16:17	SA	EET MID
Soluble	Analysis	300.0		5			130347	01/30/26 14:25	CS	EET MID

Client Sample ID: CS-90 (0-0.25')

Date Collected: 01/27/26 00:00

Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-90

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 18:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 04:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 04:07	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 17:35	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-91 (0-0.25')

Lab Sample ID: 880-67482-91

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 19:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 19:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 04:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 04:21	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 17:51	CS	EET MID

Client Sample ID: CS-92 (0-0.25')

Lab Sample ID: 880-67482-92

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 20:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 20:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 04:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 04:36	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 17:56	CS	EET MID

Client Sample ID: CS-93 (0-0.25')

Lab Sample ID: 880-67482-93

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 20:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 20:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 04:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 04:52	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 18:01	CS	EET MID

Client Sample ID: CS-94 (0-0.25')

Lab Sample ID: 880-67482-94

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 20:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 20:44	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-94 (0-0.25')

Lab Sample ID: 880-67482-94

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130512	02/03/26 05:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 05:06	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 18:07	CS	EET MID

Client Sample ID: CS-95 (0-0.25')

Lab Sample ID: 880-67482-95

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 21:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 21:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 05:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 05:21	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 18:22	CS	EET MID

Client Sample ID: CS-96 (0-0.25')

Lab Sample ID: 880-67482-96

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 21:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 21:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 05:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 05:36	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 18:28	CS	EET MID

Client Sample ID: CS-97 (0-0.25')

Lab Sample ID: 880-67482-97

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 21:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 21:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 05:51	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	130156	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/03/26 05:51	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-97 (0-0.25')

Lab Sample ID: 880-67482-97

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 18:33	CS	EET MID

Client Sample ID: CS-98 (0-0.25')

Lab Sample ID: 880-67482-98

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 22:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 22:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 17:36	SA	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 17:36	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 18:38	CS	EET MID

Client Sample ID: CS-99 (0-0.25')

Lab Sample ID: 880-67482-99

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 22:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 22:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 18:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 18:24	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 18:43	CS	EET MID

Client Sample ID: CS-100 (0-0.25')

Lab Sample ID: 880-67482-100

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	130809	02/04/26 12:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130802	02/04/26 22:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 22:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 18:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 18:40	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 18:49	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-101 (0-0.25')

Lab Sample ID: 880-67482-101

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 14:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 14:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 18:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 18:54	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 19:04	CS	EET MID

Client Sample ID: CS-102 (0-0.25')

Lab Sample ID: 880-67482-102

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 14:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 14:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 19:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 19:09	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 19:09	CS	EET MID

Client Sample ID: CS-103 (0-0.25')

Lab Sample ID: 880-67482-103

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 15:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 15:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 19:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 19:24	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 19:25	CS	EET MID

Client Sample ID: CS-104 (0-0.25')

Lab Sample ID: 880-67482-104

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 16:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 16:06	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-104 (0-0.25')**Lab Sample ID: 880-67482-104****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130512	02/02/26 19:39	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 19:39	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 19:30	CS	EET MID

Client Sample ID: CS-105 (0-0.25')**Lab Sample ID: 880-67482-105****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 16:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 16:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 19:54	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 19:54	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 19:36	CS	EET MID

Client Sample ID: CS-106 (0-0.25')**Lab Sample ID: 880-67482-106****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 16:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 16:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 20:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 20:08	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 19:41	CS	EET MID

Client Sample ID: CS-107 (0-0.25')**Lab Sample ID: 880-67482-107****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 17:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 17:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 20:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 20:23	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-107 (0-0.25')

Lab Sample ID: 880-67482-107

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 19:46	CS	EET MID

Client Sample ID: CS-108 (0-0.25')

Lab Sample ID: 880-67482-108

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 17:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 17:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 20:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 20:53	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 19:51	CS	EET MID

Client Sample ID: CS-109 (0-0.25')

Lab Sample ID: 880-67482-109

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 17:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 17:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 21:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 21:08	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130182	01/28/26 16:20	SA	EET MID
Soluble	Analysis	300.0		5			130352	01/30/26 19:57	CS	EET MID

Client Sample ID: CS-110 (0-0.25')

Lab Sample ID: 880-67482-110

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 18:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 21:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 21:23	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 17:59	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-111 (0-0.25')

Lab Sample ID: 880-67482-111

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 19:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 19:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 21:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 21:38	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 18:20	CS	EET MID

Client Sample ID: CS-112 (0-0.25')

Lab Sample ID: 880-67482-112

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 20:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 20:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 21:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 21:53	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 18:27	CS	EET MID

Client Sample ID: CS-113 (0-0.25')

Lab Sample ID: 880-67482-113

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 20:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 20:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 22:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 22:08	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 18:33	CS	EET MID

Client Sample ID: CS-114 (0-0.25')

Lab Sample ID: 880-67482-114

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 20:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 20:46	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-114 (0-0.25')

Lab Sample ID: 880-67482-114

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130512	02/02/26 22:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 22:23	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 18:40	CS	EET MID

Client Sample ID: CS-115 (0-0.25')

Lab Sample ID: 880-67482-115

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 21:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 21:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 22:38	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 22:38	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 19:01	CS	EET MID

Client Sample ID: CS-116 (0-0.25')

Lab Sample ID: 880-67482-116

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 21:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 21:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 22:53	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 22:53	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 19:08	CS	EET MID

Client Sample ID: CS-117 (0-0.25')

Lab Sample ID: 880-67482-117

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 21:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 21:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 23:07	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	130157	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130517	02/02/26 23:07	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-117 (0-0.25')

Lab Sample ID: 880-67482-117

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 19:15	CS	EET MID

Client Sample ID: CS-118 (0-0.25')

Lab Sample ID: 880-67482-118

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 22:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 22:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 17:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 17:36	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 19:22	CS	EET MID

Client Sample ID: CS-119 (0-0.25')

Lab Sample ID: 880-67482-119

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 22:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 22:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 18:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 18:24	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 19:29	CS	EET MID

Client Sample ID: CS-120 (0-0.25')

Lab Sample ID: 880-67482-120

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130808	02/04/26 12:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/04/26 22:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/04/26 22:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 18:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 18:40	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 19:35	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-121 (0-0.25')

Lab Sample ID: 880-67482-121

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 02:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 02:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 18:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 18:54	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 19:56	CS	EET MID

Client Sample ID: CS-122 (0-0.25')

Lab Sample ID: 880-67482-122

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 02:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 02:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 19:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 19:09	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 20:03	CS	EET MID

Client Sample ID: CS-123 (0-0.25')

Lab Sample ID: 880-67482-123

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 02:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 02:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 19:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 19:24	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 20:24	CS	EET MID

Client Sample ID: CS-124 (0-0.25')

Lab Sample ID: 880-67482-124

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 03:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 03:06	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-124 (0-0.25')**Lab Sample ID: 880-67482-124****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130512	02/02/26 19:39	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 19:39	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 20:31	CS	EET MID

Client Sample ID: CS-125 (0-0.25')**Lab Sample ID: 880-67482-125****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 03:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 03:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 19:54	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 19:54	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 20:37	CS	EET MID

Client Sample ID: CS-126 (0-0.25')**Lab Sample ID: 880-67482-126****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 03:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 03:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 20:08	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 20:08	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 20:44	CS	EET MID

Client Sample ID: CS-127 (0-0.25')**Lab Sample ID: 880-67482-127****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 04:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 04:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 20:23	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 20:23	FC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-127 (0-0.25')

Lab Sample ID: 880-67482-127

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 20:51	CS	EET MID

Client Sample ID: CS-128 (0-0.25')

Lab Sample ID: 880-67482-128

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 04:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 04:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 20:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 20:53	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 20:58	CS	EET MID

Client Sample ID: CS-129 (0-0.25')

Lab Sample ID: 880-67482-129

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 04:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 04:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 21:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 21:08	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	130183	01/28/26 16:22	SA	EET MID
Soluble	Analysis	300.0		5			130369	01/30/26 21:05	CS	EET MID

Client Sample ID: CS-130 (0-0.25')

Lab Sample ID: 880-67482-130

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 05:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 05:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 21:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 21:23	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1			130378	01/30/26 21:11	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-131 (0-0.25')

Lab Sample ID: 880-67482-131

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 06:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 06:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 21:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 21:38	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1			130378	01/30/26 21:31	SMC	EET MID

Client Sample ID: CS-132 (0-0.25')

Lab Sample ID: 880-67482-132

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 07:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 07:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 21:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 21:53	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1			130378	01/30/26 21:38	SMC	EET MID

Client Sample ID: CS-133 (0-0.25')

Lab Sample ID: 880-67482-133

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 07:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 07:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 22:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 22:08	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		5			130378	01/30/26 21:45	SMC	EET MID

Client Sample ID: CS-134 (0-0.25')

Lab Sample ID: 880-67482-134

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 07:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 07:46	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-134 (0-0.25')**Lab Sample ID: 880-67482-134****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130512	02/02/26 22:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 22:23	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		5			130378	01/30/26 21:52	SMC	EET MID

Client Sample ID: CS-135 (0-0.25')**Lab Sample ID: 880-67482-135****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 08:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 08:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 22:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 22:38	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		5			130378	01/30/26 22:13	SMC	EET MID

Client Sample ID: CS-136 (0-0.25')**Lab Sample ID: 880-67482-136****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 08:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 08:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 22:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 22:53	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		5			130378	01/30/26 22:20	SMC	EET MID

Client Sample ID: CS-137 (0-0.25')**Lab Sample ID: 880-67482-137****Date Collected: 01/27/26 00:00****Matrix: Solid****Date Received: 01/27/26 17:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 08:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 08:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/02/26 23:07	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	130158	01/28/26 14:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130520	02/02/26 23:07	FC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-137 (0-0.25')

Lab Sample ID: 880-67482-137

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1			130378	01/30/26 22:27	SMC	EET MID

Client Sample ID: CS-138 (0-0.25')

Lab Sample ID: 880-67482-138

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 09:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 09:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 17:05	SA	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 17:05	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		5			130378	01/30/26 22:34	SMC	EET MID

Client Sample ID: CS-139 (0-0.25')

Lab Sample ID: 880-67482-139

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 09:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 09:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 17:46	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 17:46	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		5			130378	01/30/26 22:41	SMC	EET MID

Client Sample ID: CS-140 (0-0.25')

Lab Sample ID: 880-67482-140

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	130811	02/04/26 12:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130803	02/05/26 09:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 09:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 18:00	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 18:00	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		5			130378	01/30/26 22:48	SMC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-141 (0-0.25')

Lab Sample ID: 880-67482-141

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 12:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 12:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 18:14	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 18:14	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		5			130378	01/30/26 23:09	SMC	EET MID

Client Sample ID: CS-142 (0-0.25')

Lab Sample ID: 880-67482-142

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 12:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 12:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 18:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 18:27	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		5			130378	01/30/26 23:16	SMC	EET MID

Client Sample ID: CS-143 (0-0.25')

Lab Sample ID: 880-67482-143

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 12:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 12:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 18:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 18:42	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1			130378	01/30/26 23:37	SMC	EET MID

Client Sample ID: CS-144 (0-0.25')

Lab Sample ID: 880-67482-144

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 13:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 13:04	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-144 (0-0.25')

Lab Sample ID: 880-67482-144

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130512	02/03/26 18:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 18:55	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		5			130378	01/30/26 23:44	SMC	EET MID

Client Sample ID: CS-145 (0-0.25')

Lab Sample ID: 880-67482-145

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 13:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 13:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 19:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 19:11	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1			130378	01/30/26 23:51	SMC	EET MID

Client Sample ID: CS-146 (0-0.25')

Lab Sample ID: 880-67482-146

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 13:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 13:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 19:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 19:24	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1			130378	01/30/26 23:58	SMC	EET MID

Client Sample ID: CS-147 (0-0.25')

Lab Sample ID: 880-67482-147

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 14:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 14:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 19:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 19:39	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-147 (0-0.25')

Lab Sample ID: 880-67482-147

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1			130378	01/31/26 00:04	SMC	EET MID

Client Sample ID: CS-148 (0-0.25')

Lab Sample ID: 880-67482-148

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 14:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 14:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 20:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 20:08	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1			130378	01/31/26 00:12	SMC	EET MID

Client Sample ID: CS-149 (0-0.25')

Lab Sample ID: 880-67482-149

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 14:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 14:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 20:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 20:21	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130184	01/28/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1			130378	01/31/26 00:19	SMC	EET MID

Client Sample ID: CS-150 (0-0.25')

Lab Sample ID: 880-67482-150

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 15:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 15:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 20:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 20:37	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130185	01/28/26 16:25	SA	EET MID
Soluble	Analysis	300.0		1			130370	01/30/26 14:25	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-151 (0-0.25')

Lab Sample ID: 880-67482-151

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 16:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 16:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 20:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 20:50	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130185	01/28/26 16:25	SA	EET MID
Soluble	Analysis	300.0		1			130370	01/30/26 14:46	CS	EET MID

Client Sample ID: CS-152 (0-0.25')

Lab Sample ID: 880-67482-152

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 17:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 17:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 21:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 21:05	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130185	01/28/26 16:25	SA	EET MID
Soluble	Analysis	300.0		1			130370	01/30/26 14:53	CS	EET MID

Client Sample ID: CS-153 (0-0.25')

Lab Sample ID: 880-67482-153

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 17:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 17:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 21:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 21:19	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130185	01/28/26 16:25	SA	EET MID
Soluble	Analysis	300.0		1			130370	01/30/26 15:00	CS	EET MID

Client Sample ID: CS-154 (0-0.25')

Lab Sample ID: 880-67482-154

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 17:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 17:41	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-154 (0-0.25')

Lab Sample ID: 880-67482-154

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130512	02/03/26 21:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 21:34	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130185	01/28/26 16:25	SA	EET MID
Soluble	Analysis	300.0		1			130370	01/30/26 15:07	CS	EET MID

Client Sample ID: CS-155 (0-0.25')

Lab Sample ID: 880-67482-155

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 18:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 18:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 21:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 21:48	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130185	01/28/26 16:25	SA	EET MID
Soluble	Analysis	300.0		1			130370	01/30/26 15:27	CS	EET MID

Client Sample ID: CS-156 (0-0.25')

Lab Sample ID: 880-67482-156

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 18:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 18:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 22:03	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 22:03	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130185	01/28/26 16:25	SA	EET MID
Soluble	Analysis	300.0		1			130370	01/30/26 15:34	CS	EET MID

Client Sample ID: CS-157 (0-0.25')

Lab Sample ID: 880-67482-157

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 18:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 18:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 22:16	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	130159	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130624	02/03/26 22:16	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-157 (0-0.25')

Lab Sample ID: 880-67482-157

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

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	130185	01/28/26 16:25	SA	EET MID
Soluble	Analysis	300.0		1			130370	01/30/26 15:41	CS	EET MID

Client Sample ID: CS-158 (0-0.25')

Lab Sample ID: 880-67482-158

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 19:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 19:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 17:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130160	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130622	02/03/26 17:05	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130185	01/28/26 16:25	SA	EET MID
Soluble	Analysis	300.0		1			130370	01/30/26 15:48	CS	EET MID

Client Sample ID: CS-159 (0-0.25')

Lab Sample ID: 880-67482-159

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 19:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 19:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 17:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130160	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130622	02/03/26 17:46	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130185	01/28/26 16:25	SA	EET MID
Soluble	Analysis	300.0		1			130370	01/30/26 15:55	CS	EET MID

Client Sample ID: CS-160 (0-0.25')

Lab Sample ID: 880-67482-160

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	130812	02/04/26 12:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130885	02/05/26 19:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 19:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 18:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130160	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130622	02/03/26 18:00	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130185	01/28/26 16:25	SA	EET MID
Soluble	Analysis	300.0		1			130370	01/30/26 16:02	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-161 (0-0.25')

Lab Sample ID: 880-67482-161

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	130913	02/05/26 09:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130879	02/05/26 12:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 12:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 18:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130160	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130622	02/03/26 18:14	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130185	01/28/26 16:25	SA	EET MID
Soluble	Analysis	300.0		1			130370	01/30/26 16:22	CS	EET MID

Client Sample ID: CS-162 (0-0.25')

Lab Sample ID: 880-67482-162

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	130913	02/05/26 09:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130879	02/05/26 13:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 13:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 18:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	130160	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130622	02/03/26 18:27	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130185	01/28/26 16:25	SA	EET MID
Soluble	Analysis	300.0		1			130370	01/30/26 16:29	CS	EET MID

Client Sample ID: CS-163 (0-0.25')

Lab Sample ID: 880-67482-163

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	130913	02/05/26 09:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130879	02/05/26 13:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 13:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 18:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	130160	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130622	02/03/26 18:42	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130185	01/28/26 16:25	SA	EET MID
Soluble	Analysis	300.0		1			130370	01/30/26 16:50	CS	EET MID

Client Sample ID: CS-164 (0-0.25')

Lab Sample ID: 880-67482-164

Date Collected: 01/27/26 00:00

Matrix: Solid

Date Received: 01/27/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	130913	02/05/26 09:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130879	02/05/26 13:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 13:48	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Client Sample ID: CS-164 (0-0.25')
Date Collected: 01/27/26 00:00
Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-164
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			130512	02/03/26 18:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130160	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130622	02/03/26 18:55	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130185	01/28/26 16:25	SA	EET MID
Soluble	Analysis	300.0		1			130370	01/30/26 16:57	CS	EET MID

Client Sample ID: CS-165 (0-0.25')
Date Collected: 01/27/26 00:00
Date Received: 01/27/26 17:15

Lab Sample ID: 880-67482-165
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	130913	02/05/26 09:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130879	02/05/26 14:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130801	02/05/26 14:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			130512	02/03/26 19:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130160	01/28/26 14:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130622	02/03/26 19:11	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130185	01/28/26 16:25	SA	EET MID
Soluble	Analysis	300.0		1			130370	01/30/26 17:04	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: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

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: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-67482-1	CS-1 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-2	CS-2 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-3	CS-3 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-4	CS-4 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-5	CS-5 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-6	CS-6 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-7	CS-7 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-8	CS-8 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-9	CS-9 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-10	CS-10 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-11	CS-11 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-12	CS-12 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-13	CS-13 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-14	CS-14 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-15	CS-15 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-16	CS-16 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-17	CS-17 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-18	CS-18 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-19	CS-19 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-20	CS-20 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-21	CS-21 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-22	CS-22 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-23	CS-23 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-24	CS-24 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-25	CS-25 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-26	CS-26 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-27	CS-27 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-28	CS-28 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-29	CS-29 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-30	CS-30 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-31	CS-31 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-32	CS-32 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-33	CS-33 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-34	CS-34 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-35	CS-35 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-36	CS-36 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-37	CS-37 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-38	CS-38 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-39	CS-39 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-40	CS-40 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-41	CS-41 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-42	CS-42 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-43	CS-43 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-44	CS-44 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-45	CS-45 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-46	CS-46 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-47	CS-47 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-48	CS-48 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-49	CS-49 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-50	CS-50 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-51	CS-51 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-52	CS-52 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-53	CS-53 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-67482-54	CS-54 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-55	CS-55 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-56	CS-56 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-57	CS-57 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-58	CS-58 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-59	CS-59 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-60	CS-60 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-61	CS-61 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-62	CS-62 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-63	CS-63 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-64	CS-64 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-65	CS-65 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-66	CS-66 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-67	CS-67 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-68	CS-68 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-69	CS-69 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-70	CS-70 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-71	CS-71 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-72	CS-72 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-73	CS-73 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-74	CS-74 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-75	CS-75 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-76	CS-76 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-77	CS-77 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-78	CS-78 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-79	CS-79 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-80	CS-80 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-81	CS-81 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-82	CS-82 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-83	CS-83 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-84	CS-84 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-85	CS-85 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-86	CS-86 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-87	CS-87 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-88	CS-88 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-89	CS-89 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-90	CS-90 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-91	CS-91 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-92	CS-92 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-93	CS-93 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-94	CS-94 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-95	CS-95 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-96	CS-96 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-97	CS-97 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-98	CS-98 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-99	CS-99 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-100	CS-100 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-101	CS-101 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-102	CS-102 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-103	CS-103 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-104	CS-104 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-105	CS-105 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-106	CS-106 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-67482-107	CS-107 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-108	CS-108 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-109	CS-109 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-110	CS-110 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-111	CS-111 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-112	CS-112 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-113	CS-113 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-114	CS-114 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-115	CS-115 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-116	CS-116 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-117	CS-117 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-118	CS-118 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-119	CS-119 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-120	CS-120 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-121	CS-121 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-122	CS-122 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-123	CS-123 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-124	CS-124 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-125	CS-125 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-126	CS-126 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-127	CS-127 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-128	CS-128 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-129	CS-129 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-130	CS-130 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-131	CS-131 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-132	CS-132 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-133	CS-133 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-134	CS-134 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-135	CS-135 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-136	CS-136 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-137	CS-137 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-138	CS-138 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-139	CS-139 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-140	CS-140 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-141	CS-141 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-142	CS-142 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-143	CS-143 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-144	CS-144 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-145	CS-145 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-146	CS-146 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-147	CS-147 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-148	CS-148 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-149	CS-149 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-150	CS-150 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-151	CS-151 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-152	CS-152 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-153	CS-153 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-154	CS-154 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-155	CS-155 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-156	CS-156 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-157	CS-157 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-158	CS-158 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-159	CS-159 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: LOE East Pad- Zia Federal Com 706H

Job ID: 880-67482-1
SDG: 3014

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-67482-160	CS-160 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-161	CS-161 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-162	CS-162 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-163	CS-163 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-164	CS-164 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas
880-67482-165	CS-165 (0-0.25')	Solid	01/27/26 00:00	01/27/26 17:15	Texas

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- 12
- 13
- 14

W:



000 67432 Chain of Custody

Page 1 of 17

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

Work Order Comments

Program: ☐UST/☐PST ☐PRP ☐rowfields ☐RRC ☐perfund

State of Project:

Reporting: Level II ☐Level III ☐ST/UST ☐RRP ☐Level IV

Deliverables: EDD ☐ADaPT ☐Other:

Project Name:		LOE East Pad - Zia Federal Com 706H		Turn Around		ANALYSIS REQUEST										Preservative Codes											
Project Number:		3014		☒ Routine ☐ Rush												None: NO DI Water: H ₂ O											
Project Location		Lea County, New Mexico		Due Date:		Standard TAT												Cool: Cool MeOH: Me									
Sampler's Name:		JR/KR																HCL: HC HNO ₃ : HN									
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na									
SAMPLE RECEIPT				Temp Blank:		Yes (No)		Wet Ice:		Yes (No)												H ₃ PO ₄ : HP					
Received Intact:				Yes No		Thermometer ID:				108												NaHSO ₄ : NABIS					
Cooler Custody Seals:				Yes No		Correction Factor:				-0.1												Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:				Yes No		N/A		Temperature Reading:		3.9												Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:		58												NaOH+Ascorbic Acid: SAPC							
Sample Identification				Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
CS-1 (0-0.25')				1/27/2026				X				C		1													
CS-2 (0-0.25')				1/27/2026				X				C		1													
CS-3 (0-0.25')				1/27/2026				X				C		1													
CS-4 (0-0.25')				1/27/2026				X				C		1													
CS-5 (0-0.25')				1/27/2026				X				C		1													
CS-6 (0-0.25')				1/27/2026				X				C		1													
CS-7 (0-0.25')				1/27/2026				X				C		1													
CS-8 (0-0.25')				1/27/2026				X				C		1													
CS-9 (0-0.25')				1/27/2026				X				C		1													
CS-10 (0-0.25')				1/27/2026				X				C		1													

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1-29-26 1715	Erin Dax	1-27-26 1715

Chain of Custody

Work Order No: _____

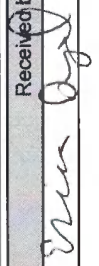
Page 2 of 17

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

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

ANALYSIS REQUEST										Preservative Codes	
Turn Around		Parameters		Prep. Code		Hold		None: NO		DI Water: H ₂ O	
Due Date:		Wet Ice:		Yes No		Thermometer ID:		Cool: Cool		MeOH: Me	
Temp Blank:		Yes No		Correction Factor:		Temperature Reading:		HCL: HC		HNO ₃ : HN	
Cooler Custody Seals:		Yes No		Temperature Reading:		Corrected Temperature:		H ₂ SO ₄ : H ₂		NaOH: Na	
Sample Custody Seals:		Yes No		Temperature Reading:		Corrected Temperature:		H ₃ PO ₄ : HP			
Total Containers:		Yes No		Temperature Reading:		Corrected Temperature:		NaHSO ₄ : NABIS			
Sample Identification		Date		Time		Soil		Water		Sample Comments	
CS-11 (0-0.25')	1/27/2026										
CS-12 (0-0.25')	1/27/2026										
CS-13 (0-0.25')	1/27/2026										
CS-14 (0-0.25')	1/27/2026										
CS-15 (0-0.25')	1/27/2026										
CS-16 (0-0.25')	1/27/2026										
CS-17 (0-0.25')	1/27/2026										
CS-18 (0-0.25')	1/27/2026										
CS-19 (0-0.25')	1/27/2026										
CS-20 (0-0.25')	1/27/2026										

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			1/27/26 1715

Chain of Custody

Work Order No: _____

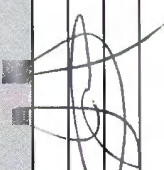
Page 3 of 17

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

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

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Date	Time	Soil	Water	Grabi/Comp	# of Cont	Parameters	Pres. Code	Hold	Preservative Codes	
										None: NO	DI Water: H ₂ O
CS-21 (0-0.25')	1/27/2026		X		C	1					None: NO
CS-22 (0-0.25')	1/27/2026		X		C	1					Cool: Cool
CS-23 (0-0.25')	1/27/2026		X		C	1					HCL: HC
CS-24 (0-0.25')	1/27/2026		X		C	1					H ₂ SO ₄ : H ₂
CS-25 (0-0.25')	1/27/2026		X		C	1					H ₃ PO ₄ : HP
CS-26 (0-0.25')	1/27/2026		X		C	1					NaHSO ₄ : NABIS
CS-27 (0-0.25')	1/27/2026		X		C	1					Na ₂ S ₂ O ₃ : NaSO ₃
CS-28 (0-0.25')	1/27/2026		X		C	1					Zn Acetate+NaOH: Zn
CS-29 (0-0.25')	1/27/2026		X		C	1					NaOH+Ascorbic Acid: SAPC
CS-30 (0-0.25')	1/27/2026		X		C	1					

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			1-27-26 1715

Chain of Custody

Work Order No: _____

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

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

ANALYSIS REQUEST										Preservative Codes	
Parameters										Sample Comments	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	
CS-31 (0-0.25')	1/27/2026		X		C	1	X	X	X		None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
CS-32 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-33 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-34 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-35 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-36 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-37 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-38 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-39 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-40 (0-0.25')	1/27/2026		X		C	1	X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
		<i>Ernesto Dyl</i>	1/27/26 17:16

Chain of Custody

Work Order No: _____

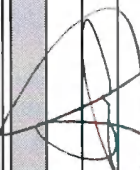
Page 5 of 17

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

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

ANALYSIS REQUEST										Preservative Codes	
Turn Around				Parameters		TPH 8015M (GRO + DRO + MRO)		Chloride 300.0		Hold	
Project Name:		Project Number:		Due Date:		Wet loc:		Thermometer ID:		None: NO	
Project Location:		Temp Blank:		Yes No		Yes No		Correction Factor:		Cool: Cool	
Sampler's Name:		Yes No		Yes No		Yes No		Temperature Reading:		HCL: HC	
PO #:		Yes No		Yes No		Yes No		Corrected Temperature:		H ₂ SO ₄ : H ₂	
SAMPLE RECEIPT		Temp Blank:		Yes No		Yes No		Temperature Reading:		H ₃ PO ₄ : HP	
Received Intact:		Yes No		Yes No		Yes No		Temperature Reading:		NaHSO ₄ : NABIS	
Cooler Custody Seals:		Yes No		Yes No		Yes No		Temperature Reading:		Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Yes No		Yes No		Yes No		Temperature Reading:		Zn Acetate+NaOH: Zn	
Total Containers:		Yes No		Yes No		Yes No		Temperature Reading:		NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont					
CS-41 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-42 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-43 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-44 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-45 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-46 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-47 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-48 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-49 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-50 (0-0.25')	1/27/2026		X		C	1	X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			1/27/2026 1715

Chain of Custody

Work Order No: _____

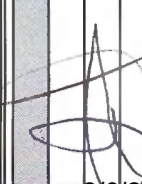
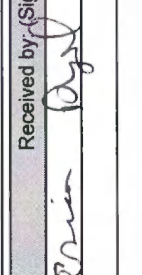
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Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marlenfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP: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

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

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	Analysis Request	Preservative Codes	
										None: NO	DI Water: H ₂ O
CS-51 (0-0.25')	1/27/2026		X		C	1					None: NO
CS-52 (0-0.25')	1/27/2026		X		C	1					Cool: Cool
CS-53 (0-0.25')	1/27/2026		X		C	1					HCL: HC
CS-54 (0-0.25')	1/27/2026		X		C	1					H ₂ SO ₄ : H ₂
CS-55 (0-0.25')	1/27/2026		X		C	1					H ₃ PO ₄ : HP
CS-56 (0-0.25')	1/27/2026		X		C	1					NaHSO ₄ : NABIS
CS-57 (0-0.25')	1/27/2026		X		C	1					Na ₂ S ₂ O ₃ : NaSO ₃
CS-58 (0-0.25')	1/27/2026		X		C	1					Zn Acetate+NaOH: Zn
CS-59 (0-0.25')	1/27/2026		X		C	1					NaOH+Ascorbic Acid: SAPC
CS-60 (0-0.25')	1/27/2026		X		C	1					

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			1-27-26 1715

Work Order No:

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

Project Name:		LOE East Pad - Zia Federal Com 706H		Turn Around		Parameters		ANALYSIS REC'D			
Project Number:		3014		☒ Routine ☐ Rush							
Project Location		Lea County, New Mexico		Due Date:		Standard TAT					
Sampler's Name:		JR/KR									
PO #:											
SAMPLE RECEIPT		Temp Blank:		Yes	No	Wet Ice:		Yes	No		
Received Intact:		Yes		No	Thermometer ID:						
Cooler Custody Seals:		Yes		No	N/A	Correction Factor:					
Sample Custody Seals:		Yes		No	N/A	Temperature Reading:					
Total Containers:						Corrected Temperature:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	TPH				
CS-61 (0-0.25')	1/27/2026		X		C	1	X	X			
CS-62 (0-0.25')	1/27/2026		X		C	1	X	X			
CS-63 (0-0.25')	1/27/2026		X		C	1	X	X			
CS-64 (0-0.25')	1/27/2026		X		C	1	X	X			
CS-65 (0-0.25')	1/27/2026		X		C	1	X	X			
CS-66 (0-0.25')	1/27/2026		X		C	1	X	X			
CS-67 (0-0.25')	1/27/2026		X		C	1	X	X			
CS-68 (0-0.25')	1/27/2026		X		C	1	X	X			
CS-69 (0-0.25')	1/27/2026		X		C	1	X	X			
CS-70 (0-0.25')	1/27/2026		X		C	1	X	X			

[illegible]

Relinquished by: (Signature)	Date/Time	Rec
		<i>En</i>

Work Order Comments

Program: ☐UST/PST ☐PRP ☐rownfields ☐RRC ☐perfund

State of Project: ☐Level III ☐ST/UST ☐RRP ☐Level IV

Deliverables: EDD ☐ ADaPT ☐ Other:

[illegible]

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Reviewed by: (Signature)	Date/Time
	27.26.1715

Chain of Custody

Work Order No: _____

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

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

ANALYSIS REQUEST										Preservative Codes																																																																																																																																																
Turn Around		Due Date:		Wet loc:		Thermometer ID:		Correction Factor:		Temperature Reading:																																																																																																																																																
Temp Blank:		Yes No		Yes No		Yes No		Yes No		Yes No																																																																																																																																																
Received intact:		Yes No		Yes No		Yes No		Yes No		Yes No																																																																																																																																																
Cooler Custody Seals:		Yes No N/A		Yes No N/A		Yes No N/A		Yes No N/A		Yes No N/A																																																																																																																																																
Sample Custody Seals:		Yes No N/A		Yes No N/A		Yes No N/A		Yes No N/A		Yes No N/A																																																																																																																																																
Total Containers:		Yes No		Yes No		Yes No		Yes No		Yes No																																																																																																																																																
Project Name:	LOE East Pad - Zia Federal Com 706H	3014	Lea County, New Mexico	JR/KR																																																																																																																																																						
Project Number:																																																																																																																																																										
Project Location:																																																																																																																																																										
Sampler's Name:																																																																																																																																																										
PO #:																																																																																																																																																										
<table border="1"> <thead> <tr> <th>Sample Identification</th> <th>Date</th> <th>Time</th> <th>Soil</th> <th>Water</th> <th>Grab/Comp</th> <th>Parameters</th> <th>Pres. Code</th> <th>BT EX 8021B</th> <th>TPH 8015M (GRO + DRO + MRO)</th> <th>Chloride 300.0</th> <th>Hold</th> <th>Sample Comments</th> </tr> </thead> <tbody> <tr><td>CS-71 (0-0.25')</td><td>1/27/2026</td><td></td><td>X</td><td></td><td>C</td><td>1</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>CS-72 (0-0.25')</td><td>1/27/2026</td><td></td><td>X</td><td></td><td>C</td><td>1</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>CS-73 (0-0.25')</td><td>1/27/2026</td><td></td><td>X</td><td></td><td>C</td><td>1</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>CS-74 (0-0.25')</td><td>1/27/2026</td><td></td><td>X</td><td></td><td>C</td><td>1</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>CS-75 (0-0.25')</td><td>1/27/2026</td><td></td><td>X</td><td></td><td>C</td><td>1</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>CS-76 (0-0.25')</td><td>1/27/2026</td><td></td><td>X</td><td></td><td>C</td><td>1</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>CS-77 (0-0.25')</td><td>1/27/2026</td><td></td><td>X</td><td></td><td>C</td><td>1</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>CS-78 (0-0.25')</td><td>1/27/2026</td><td></td><td>X</td><td></td><td>C</td><td>1</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>CS-79 (0-0.25')</td><td>1/27/2026</td><td></td><td>X</td><td></td><td>C</td><td>1</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>CS-80 (0-0.25')</td><td>1/27/2026</td><td></td><td>X</td><td></td><td>C</td><td>1</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td></td></tr> </tbody> </table>												Sample Identification	Date	Time	Soil	Water	Grab/Comp	Parameters	Pres. Code	BT EX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments	CS-71 (0-0.25')	1/27/2026		X		C	1		X	X	X			CS-72 (0-0.25')	1/27/2026		X		C	1		X	X	X			CS-73 (0-0.25')	1/27/2026		X		C	1		X	X	X			CS-74 (0-0.25')	1/27/2026		X		C	1		X	X	X			CS-75 (0-0.25')	1/27/2026		X		C	1		X	X	X			CS-76 (0-0.25')	1/27/2026		X		C	1		X	X	X			CS-77 (0-0.25')	1/27/2026		X		C	1		X	X	X			CS-78 (0-0.25')	1/27/2026		X		C	1		X	X	X			CS-79 (0-0.25')	1/27/2026		X		C	1		X	X	X			CS-80 (0-0.25')	1/27/2026		X		C	1		X	X	X		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	Parameters	Pres. Code	BT EX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments																																																																																																																																														
CS-71 (0-0.25')	1/27/2026		X		C	1		X	X	X																																																																																																																																																
CS-72 (0-0.25')	1/27/2026		X		C	1		X	X	X																																																																																																																																																
CS-73 (0-0.25')	1/27/2026		X		C	1		X	X	X																																																																																																																																																
CS-74 (0-0.25')	1/27/2026		X		C	1		X	X	X																																																																																																																																																
CS-75 (0-0.25')	1/27/2026		X		C	1		X	X	X																																																																																																																																																
CS-76 (0-0.25')	1/27/2026		X		C	1		X	X	X																																																																																																																																																
CS-77 (0-0.25')	1/27/2026		X		C	1		X	X	X																																																																																																																																																
CS-78 (0-0.25')	1/27/2026		X		C	1		X	X	X																																																																																																																																																
CS-79 (0-0.25')	1/27/2026		X		C	1		X	X	X																																																																																																																																																
CS-80 (0-0.25')	1/27/2026		X		C	1		X	X	X																																																																																																																																																

Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	Erica Dyer	1-28-25-175

Chain of Custody

Work Order No: _____

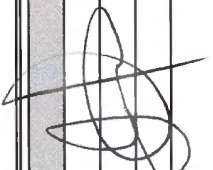
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Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marientfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP: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

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

ANALYSIS REQUEST										Preservative Codes										
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Pres. Code	Parameters										Sample Comments		
								Turn Around		Hold										
CS-81 (0-0.25')	1/27/2026		X		C	1		BTX 8021B								TPH 8015M (GRO + DRO + MRO)	Chloride 300.0			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-82 (0-0.25')	1/27/2026		X		C	1		BTX 8021B								TPH 8015M (GRO + DRO + MRO)	Chloride 300.0			
CS-83 (0-0.25')	1/27/2026		X		C	1		BTX 8021B								TPH 8015M (GRO + DRO + MRO)	Chloride 300.0			
CS-84 (0-0.25')	1/27/2026		X		C	1		BTX 8021B								TPH 8015M (GRO + DRO + MRO)	Chloride 300.0			
CS-85 (0-0.25')	1/27/2026		X		C	1		BTX 8021B								TPH 8015M (GRO + DRO + MRO)	Chloride 300.0			
CS-86 (0-0.25')	1/27/2026		X		C	1		BTX 8021B								TPH 8015M (GRO + DRO + MRO)	Chloride 300.0			
CS-87 (0-0.25')	1/27/2026		X		C	1		BTX 8021B								TPH 8015M (GRO + DRO + MRO)	Chloride 300.0			
CS-88 (0-0.25')	1/27/2026		X		C	1		BTX 8021B								TPH 8015M (GRO + DRO + MRO)	Chloride 300.0			
CS-89 (0-0.25')	1/27/2026		X		C	1		BTX 8021B								TPH 8015M (GRO + DRO + MRO)	Chloride 300.0			
CS-90 (0-0.25')	1/27/2026		X		C	1		BTX 8021B								TPH 8015M (GRO + DRO + MRO)	Chloride 300.0			

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
		<i>Olivia Dyl</i>	1-27-26 1715

Chain of Custody

Work Order No: _____

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

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

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	Hold	Preservative Codes	
										None: NO	DI Water: H ₂ O
CS-81 (0-0.25')	1/27/2026		X		C	1					MeOH: Me
CS-82 (0-0.25')	1/27/2026		X		C	1					HNO ₃ : HN
CS-83 (0-0.25')	1/27/2026		X		C	1					NaOH: Na
CS-84 (0-0.25')	1/27/2026		X		C	1					H ₂ SO ₄ : H ₂
CS-85 (0-0.25')	1/27/2026		X		C	1					H ₃ PO ₄ : HP
CS-86 (0-0.25')	1/27/2026		X		C	1					NaHSO ₄ : NABIS
CS-87 (0-0.25')	1/27/2026		X		C	1					Na ₂ S ₂ O ₃ : NaSO ₃
CS-88 (0-0.25')	1/27/2026		X		C	1					Zn Acetate+NaOH: Zn
CS-89 (0-0.25')	1/27/2026		X		C	1					NaOH+Ascorbic Acid: SAPC
CS-90 (0-0.25')	1/27/2026		X		C	1					

Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<i>Olivia Dyl</i>	1-27-26 1715

Chain of Custody

Work Order No: _____

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

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

ANALYSIS REQUEST										Preservative Codes	
Project Name:	Project Number:	Project Location	Sampler's Name:	PO #	Turn Around		Due Date:	Parameters	Pres. Code	# of Cont	Sample Comments
					☒ Routine	☐ Rush					
LOE East Pad - Zia Federal Com 706H	3014	Lea County, New Mexico	JR/KR		☒ Routine	☐ Rush					
SAMPLE RECEIPT					Temp Blank:		Yes	No	Wet Ice:	Yes	No
Received Intact:					Yes		No	Thermometer ID:			
Cooler Custody Seals:					Yes		No	N/A	Correction Factor:		
Sample Custody Seals:					Yes		No	N/A	Temperature Reading:		
Total Containers:									Corrected Temperature:		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont					
CS-91 (0-0.25')	1/27/2026		X		C	1	BTX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	X	
CS-92 (0-0.25')	1/27/2026		X		C	1				X	
CS-93 (0-0.25')	1/27/2026		X		C	1				X	
CS-94 (0-0.25')	1/27/2026		X		C	1				X	
CS-95 (0-0.25')	1/27/2026		X		C	1				X	
CS-96 (0-0.25')	1/27/2026		X		C	1				X	
CS-97 (0-0.25')	1/27/2026		X		C	1				X	
CS-98 (0-0.25')	1/27/2026		X		C	1				X	
CS-99 (0-0.25')	1/27/2026		X		C	1				X	
CS-100 (0-0.25')	1/27/2026		X		C	1				X	

Comments:

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

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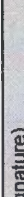
Work Order No:

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

Project Name: LOE East Pad - Zia Federal Com 706H				Turn Around		ANALYSIS REQUEST										Preservative Codes	
Project Number: 3014		Lea County, New Mexico		☒ Routine	☐ Rush											None: NO	
Project Location		Due Date:												Cool: Cool			
Sampler's Name: JR/KR												HCL: HC					
PO #:												H ₂ SO ₄ : H ₂					
SAMPLE RECEIPT				Temp Blank:		Yes		No		Wet Loc:		Yes		No		H ₃ PO ₄ : HP	
Received Intact:				Yes		No		Thermometer ID:								NaHSO ₄ : NABIS	
Cooler Custody Seals:				Yes		No		N/A		Correction Factor:						Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:				Yes		No		N/A		Temperature Reading:						Zn Acetate+NaOH: Zn	
Total Containers:										Corrected Temperature:						NaOH+Ascorbic Acid: SAPC	
Sample Identification				Date		Time		Soil		Water		Grab/ Comp		# of Cont		Sample Comments	
CS-101 (0-0.25')				1/27/2026				X				C		1			
CS-102 (0-0.25')				1/27/2026				X				C		1			
CS-103 (0-0.25')				1/27/2026				X				C		1			
CS-104 (0-0.25')				1/27/2026				X				C		1			
CS-105 (0-0.25')				1/27/2026				X				C		1			
CS-106 (0-0.25')				1/27/2026				X				C		1			
CS-107 (0-0.25')				1/27/2026				X				C		1			
CS-108 (0-0.25')				1/27/2026				X				C		1			
CS-109 (0-0.25')				1/27/2026				X				C		1			
CS-110 (0-0.25')				1/27/2026				X				C		1			

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			1-27-24 1700

Chain of Custody

Work Order No: _____

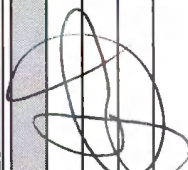
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Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP: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

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

ANALYSIS REQUEST										Preservative Codes	
Parameters										None: NO	
Turn Around										DI Water: H ₂ O	
☒ Routine ☐ Rush Due Date: Standard TAT										Cool: Cool	
Temp Blank: Yes No Thermometer ID:										HCL: HC	
Cooler Custody Seals: Yes No N/A Correction Factor:										H ₂ SO ₄ : H ₂	
Sample Custody Seals: Yes No N/A Temperature Reading:										H ₃ PO ₄ : HP	
Total Containers:										NaHSO ₄ : NABIS	
										Na ₂ S ₂ O ₃ : NaSO ₃	
										Zn Acetate+NaOH: Zn	
										NaOH+Ascorbic Acid: SAPC	
BT EX 8021B										Hold	
TPH 8015M (GRO + DRO + MRO)											
Chloride 300.0											
Grab/Comp											
Soil											
Time											
Date											
Sample Identification											
CS-111 (0-0.25')											
CS-112 (0-0.25')											
CS-113 (0-0.25')											
CS-114 (0-0.25')											
CS-115 (0-0.25')											
CS-116 (0-0.25')											
CS-117 (0-0.25')											
CS-118 (0-0.25')											
CS-119 (0-0.25')											
CS-120 (0-0.25')											

Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<i>Enien Dyl</i>	1-27-26 1715

Chain of Custody

Work Order No: _____

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

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

ANALYSIS REQUEST										Preservative Codes	
Turn Around		Parameters		TPH 8015M (GRO + DRO + MRO)		BTX 8021B		Chloride 300.0		Hold	
Project Name:	Project Number:	Temp Blank:	Yes	No	Wet Ice:	Yes	No	Pres. Code	# of Cont		
LOE East Pad - Zia Federal Corn 706H	3014	Yes	No								
Project Location:	Lea County, New Mexico	Thermometer ID:									
Sampler's Name:	JR/KR	Correction Factor:									
PO #:		Temperature Reading:									
SAMPLE RECEIPT		Temp Blank:		Yes	No	Wet Ice:		Yes	No		
Received Intact:		Yes		No	Thermometer ID:						
Cooler Custody Seals:		Yes		No	N/A	Correction Factor:					
Sample Custody Seals:		Yes		No	N/A	Temperature Reading:					
Total Containers:						Corrected Temperature:					
Sample Identification	Date	Time	Soil	Water	Grab/Comp						
CS-121 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-122 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-123 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-124 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-125 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-126 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-127 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-128 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-129 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-130 (0-0.25')	1/27/2026		X		C	1	X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
		<i>Ashton Thielke</i>	1/27/2026 1715

Chain of Custody

Work Order No: _____

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

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

ANALYSIS REQUEST										Preservative Codes	
Turn Around		Parameters		Pro. Code		Hold		None: NO		DI Water: H ₂ O	
Due Date:		Due Date:		Due Date:		Due Date:		Cool: Cool		MeOH: Me	
Standard TAT		Standard TAT		Standard TAT		Standard TAT		HCL: HC		HNO ₃ : HN	
JR/KR		JR/KR		JR/KR		JR/KR		H ₂ SO ₄ : H ₂		NaOH: Na	
Temp Blank:		Temp Blank:		Temp Blank:		Temp Blank:		H ₃ PO ₄ : HP			
Yes No		Yes No		Yes No		Yes No		NaHSO ₄ : NABIS			
Thermometer ID:		Thermometer ID:		Thermometer ID:		Thermometer ID:		Na ₂ S ₂ O ₃ : NaSO ₃			
Cooler Custody Seals:		Cooler Custody Seals:		Cooler Custody Seals:		Cooler Custody Seals:		Zn Acetate+NaOH: Zn			
Yes No N/A		Yes No N/A		Yes No N/A		Yes No N/A		NaOH+Ascorbic Acid: SAPC			
Sample Custody Seals:		Sample Custody Seals:		Sample Custody Seals:		Sample Custody Seals:					
Yes No N/A		Yes No N/A		Yes No N/A		Yes No N/A					
Total Containers:		Total Containers:		Total Containers:		Total Containers:					
Yes No		Yes No		Yes No		Yes No					
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0		
CS-131 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-132 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-133 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-134 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-135 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-136 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-137 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-138 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-139 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-140 (0-0.25')	1/27/2026		X		C	1	X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			1-27-26 1715

Chain of Custody

Work Order No: _____

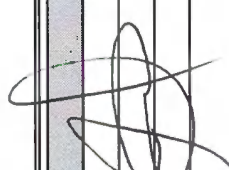
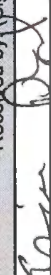
Page 15 of 17

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

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

ANALYSIS REQUEST										Preservative Codes	
Parameters										Sample Comments	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	TPH 8015M (GRO + DRO + MRO)	BTX 8021B	Chloride 300.0	Hold	
CS-141 (0-0.25')	1/27/2026		X		C	1	X	X	X		None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
CS-142 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-143 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-144 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-145 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-146 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-147 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-148 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-149 (0-0.25')	1/27/2026		X		C	1	X	X	X		
CS-150 (0-0.25')	1/27/2026		X		C	1	X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			2/26/2026

Chain of Custody

Work Order No: _____

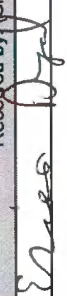
Page 16 of 17

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

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

ANALYSIS REQUEST										Preservative Codes	
Turn Around		Parameters		TPH 8015M (GRO + DRO + MRO)		BTX 8021B		Chloride 300.0		Hold	
Project Name:	Project Number:	Temp Blank:	Temp Blank:	Temp Blank:	Temp Blank:	Temp Blank:	Temp Blank:	Temp Blank:	Temp Blank:	Temp Blank:	Temp Blank:
Project Location:	Project Location:	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Sampler's Name:	Sampler's Name:	Thermometer ID:	Thermometer ID:	Thermometer ID:	Thermometer ID:	Thermometer ID:	Thermometer ID:	Thermometer ID:	Thermometer ID:	Thermometer ID:	Thermometer ID:
PO #:	PO #:	Correction Factor:	Correction Factor:	Correction Factor:	Correction Factor:	Correction Factor:	Correction Factor:	Correction Factor:	Correction Factor:	Correction Factor:	Correction Factor:
SAMPLE RECEIPT		Temperature Reading:		Temperature Reading:		Temperature Reading:		Temperature Reading:		Temperature Reading:	
Received Intact:		Corrected Temperature:		Corrected Temperature:		Corrected Temperature:		Corrected Temperature:		Corrected Temperature:	
Cooler Custody Seals:		Cooler Custody Seals:		Cooler Custody Seals:		Cooler Custody Seals:		Cooler Custody Seals:		Cooler Custody Seals:	
Sample Custody Seals:		Sample Custody Seals:		Sample Custody Seals:		Sample Custody Seals:		Sample Custody Seals:		Sample Custody Seals:	
Total Containers:		Total Containers:		Total Containers:		Total Containers:		Total Containers:		Total Containers:	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Pres. Code				
CS-151 (0-0.25')	1/27/2026		X		C	1		X	X	X	
CS-152 (0-0.25')	1/27/2026		X		C	1		X	X	X	
CS-153 (0-0.25')	1/27/2026		X		C	1		X	X	X	
CS-154 (0-0.25')	1/27/2026		X		C	1		X	X	X	
CS-155 (0-0.25')	1/27/2026		X		C	1		X	X	X	
CS-156 (0-0.25')	1/27/2026		X		C	1		X	X	X	
CS-157 (0-0.25')	1/27/2026		X		C	1		X	X	X	
CS-158 (0-0.25')	1/27/2026		X		C	1		X	X	X	
CS-159 (0-0.25')	1/27/2026		X		C	1		X	X	X	
CS-160 (0-0.25')	1/27/2026		X		C	1		X	X	X	

Comments:	

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			1-27-26 1705

Chain of Custody

Work Order No: _____

Page 17 of 17

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

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

ANALYSIS REQUEST										Preservative Codes																			
Turn Around		Parameters		Grab/Comp		Water		Soil		Time		Date		Sample Identification															
☒ Routine	☐ Rush	Due Date:	Standard TAT	Yes	No	Wet Ice:	Yes	No	Thermometer ID:	Yes	No	Temp Blank:	Yes	No	Received Intact:	Yes	No	Thermometer ID:	Yes	No	Temp Blank:	Yes	No	Received Intact:	Yes	No	Thermometer ID:	Yes	No
LOE East Pad - Zia Federal Corn 706H		3014		Lea County, New Mexico		JR/KR																							
CS-161 (0-0.25')		1/27/2026		X		C		X		X		X		X		X		X		X		X		X		X		X	
CS-162 (0-0.25')		1/27/2026		X		C		X		X		X		X		X		X		X		X		X		X		X	
CS-163 (0-0.25')		1/27/2026		X		C		X		X		X		X		X		X		X		X		X		X		X	
CS-164 (0-0.25')		1/27/2026		X		C		X		X		X		X		X		X		X		X		X		X		X	
CS-165 (0-0.25')		1/27/2026		X		C		X		X		X		X		X		X		X		X		X		X		X	
Hold																													
BTX 8021B		TPH 8015M (GRO + DRO + MRO)		Chloride 300.0																									
None: NO		DI Water: H ₂ O		Cool: Cool		MeOH: Me		HCL: HC		HNO ₃ : HN		H ₂ SO ₄ : H ₂		NaOH: Na		H ₃ PO ₄ : HP		NaHSO ₄ : NABIS		Na ₂ S ₂ O ₃ : NaSO ₃		Zn Acetate+NaOH: Zn		NaOH+Ascorbic Acid: SAPC					
Sample Comments																													

Comments:

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Date/Time

2/6/2026

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-67482-1

SDG Number: 3014

Login Number: 67482

List Number: 1

Creator: Dyal, Erica

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

QUESTIONS

Action 553278

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 553278
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2206028617
Incident Name	NAPP2206028617 LOE EAST PAD; ZIA FED COM 706H @ 30-025-48583
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-48583] ZIA FEDERAL COM #706H

Location of Release Source

Please answer all the questions in this group.

Site Name	LOE EAST PAD; ZIA FED COM 706H
Date Release Discovered	02/28/2022
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	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: Human Error Other (Specify) Diesel Released: 24 BBL Recovered: 19 BBL Lost: 5 BBL.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 553278

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 553278
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 02/12/2026

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

General Information
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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 553278

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 553278
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
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 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (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 1000 (ft.) and ½ (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 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	1640
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	333
GRO+DRO (EPA SW-846 Method 8015M)	233
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	01/23/2026
On what date will (or did) the final sampling or liner inspection occur	01/27/2026
On what date will (or was) the remediation complete(d)	01/26/2026
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	32623
What is the estimated volume (in cubic yards) that will be remediated	305
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

QUESTIONS, Page 4

Action 553278

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 553278
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 02/12/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

QUESTIONS, Page 5

Action 553278

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 553278
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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

QUESTIONS, Page 6

Action 553278

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 553278
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	544631
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/27/2026
What was the (estimated) number of samples that were to be gathered	170
What was the sampling surface area in square feet	32000

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	32623
What was the total volume (cubic yards) remediated	305
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)	Unknown remediation methods were used immediately following the incident that occurred under the previous operator of this well pad. A surface scrape of the release area occurred onsite followed by confirmation sampling of the entire area. The area was not backfilled as the well pad still has plenty of caliche onsite and the depth of the scrape did not cause any depressions or pooling onsite.
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 02/12/2026

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

General Information
Phone: (505) 629-6116

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

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

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Action 553278

QUESTIONS (continued)

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QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 553278

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 553278
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling ops.	3/24/2026