



SITE INFORMATION

Closure Report
Copperhead 31 Federal Com 003H (05.17.25)
Incident ID: nAPP2516254705
Eddy County, New Mexico
Unit P Sec 30 T26S R29E
32.007205°, -104.018684°

Produced Water Release
Point of Release: Equipment Failure on Flowline
Release Date: 05.17.2025
Volume Released: 6 Barrels of Produced Water
Volume Recovered: 0 barrels of Produced Water

CARMONA RESOURCES



Prepared for:
Concho Operating, LLC
15 West London Road
Loving, New Mexico 88256

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



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November 19, 2025

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

**Re: Closure Report
Copperhead 31 Federal Com 003H (05.17.25)
Incident ID: nAPP2516254705
Concho Operating, LLC
Site Location: Unit P, S30, T26S, R29E
(Lat 32.007205°, Long -104.018684°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Copperhead 31 Federal Com 003H (05.17.25) The site is located at 32.007205°, -104.028599° within Unit P, S30, T26S, R29E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on March 17, 2025, due to equipment failure on a flowline. The incident released approximately six (6) barrels of produced water with zero (0) barrels of produced water recovered. The impacted area occurred on pad, as shown in Figure 3. The Notice of Release form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.38 miles Northwest of the site in S27, T26S, R28E and was drilled in 2017. The well has a reported depth to groundwater of 145' below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

4.0 Site Assessment Activities

Initial Assessment

On August 15, 2025, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of three (3) sample points (S-1 through S-3) and five (5) horizontal sample points (H-1 through H-5) were installed to total depths ranging from surface to 4' bgs inside and surrounding



the release area to evaluate the vertical and horizontal extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

5.0 Remediation Activities

Carmona Resources personnel were on site to mark out the proposed excavation areas and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on September 17, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C for the sampling notification. A total of fifty (50) confirmation floor samples were collected (CS-1 through CS-50), and seven (7) sidewall samples (SW-1 through SW-7) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2 for the analytical results.

Once the remediation activities were completed, the excavated area was backfilled with clean material to surface grade. The material utilized for backfill was sourced locally. The composite pit sample was analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

Approximately 355 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Revegetation Activities

On October 10, 2025, the backfilled areas in the pasture were seeded via hand broadcast with the appropriate pounds of pure live seed per acre. The seed mixture used was BLM #1 seed mix. See Figure 5 for the revegetation area. See Appendix F for the Soil Survey.

7.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

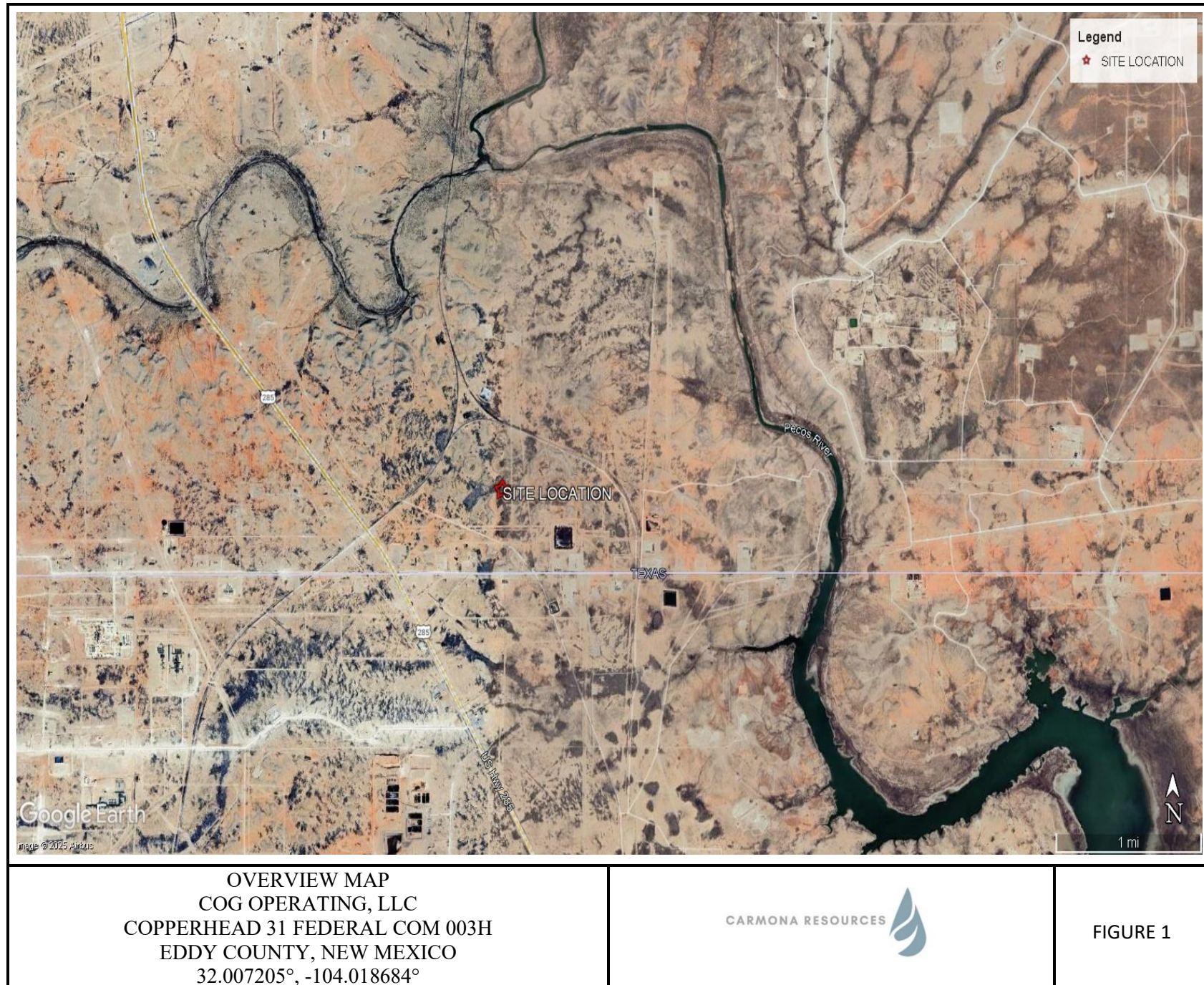
Conner Moehring
Environmental Manager

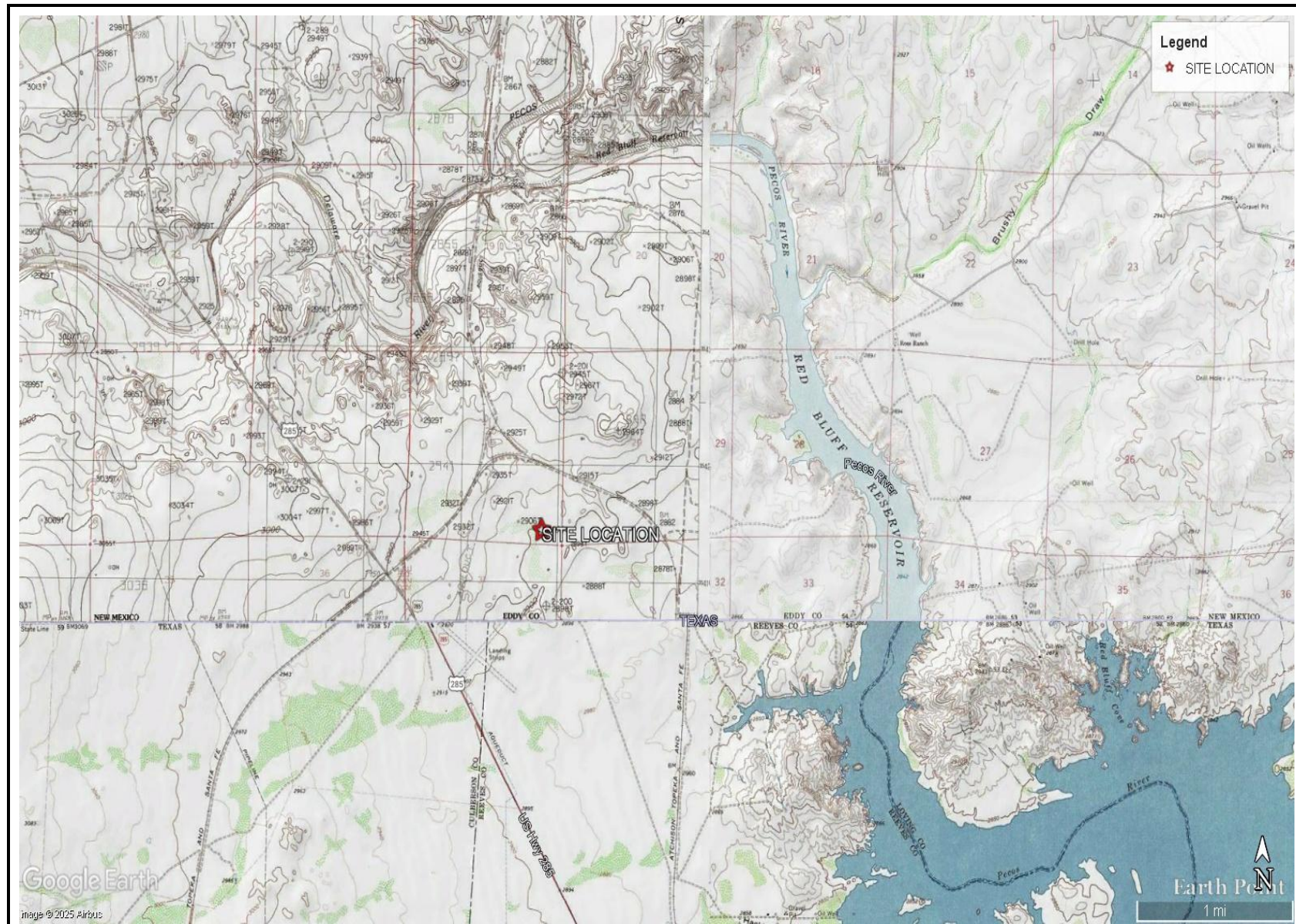
Stephen Reyes
Environmental Engineer

FIGURES

CARMONA RESOURCES



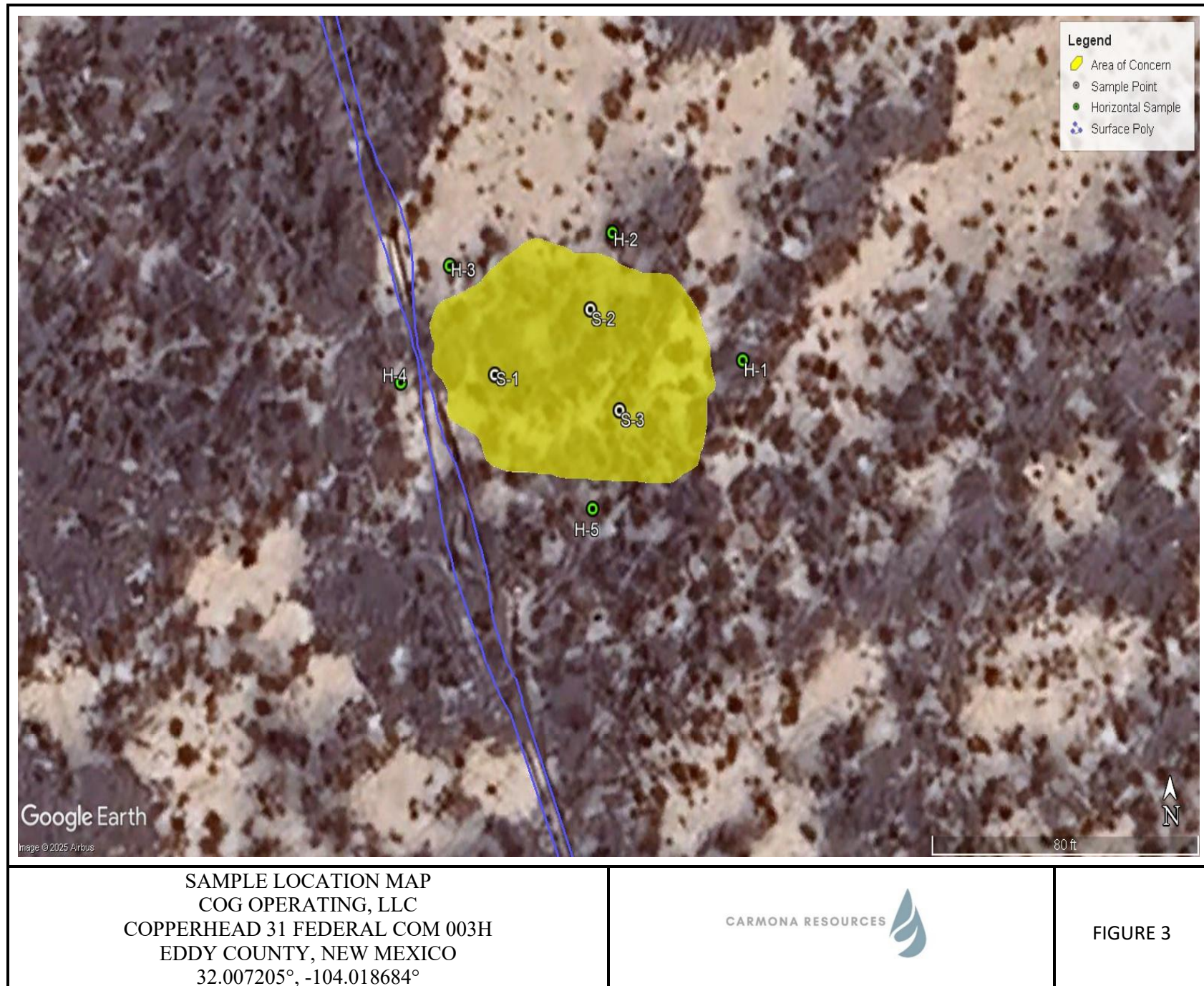


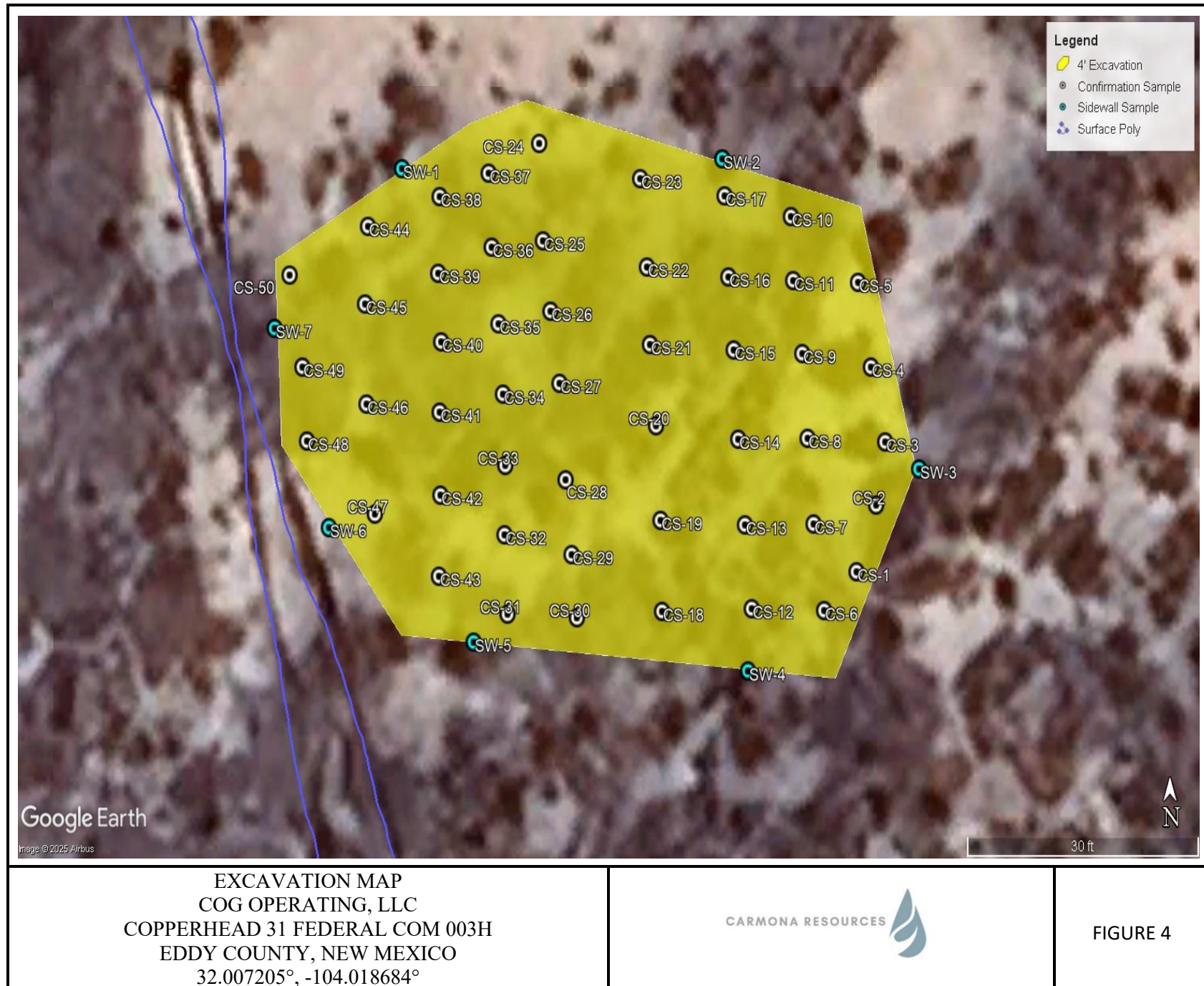


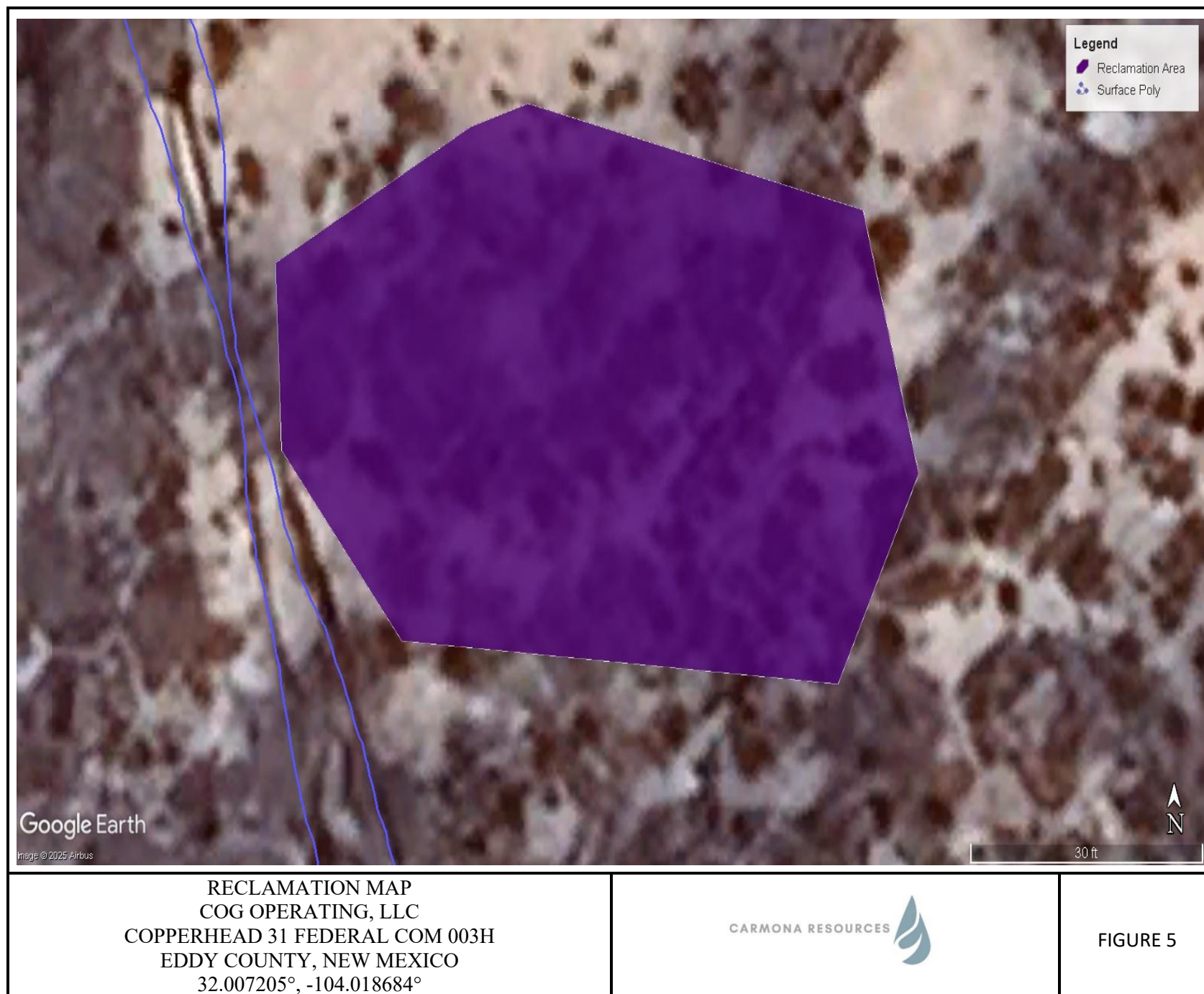
TOPOGRAPHIC MAP
COG OPERATING, LLC
COPPERHEAD 31 FEDERAL COM 003H
EDDY COUNTY, NEW MEXICO
32.007205°, -104.018684°



FIGURE 2







APPENDIX A

CARMONA RESOURCES



Table 1
Conoco Phillips
Copperhead 31 Fed 3H (05.17.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	8/15/2002	0-1	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,670
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,550
	"	2	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,070
	"	3	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,030
	"	4	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	117
S-2	8/15/2002	0-1	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	3,670
	"	1.5	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,190
	"	2	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,070
	"	3	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	628
	"	4	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	99.3
S-3	8/15/2002	0-1	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	3,560
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	2,110
	"	2	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	627
	"	3	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	711
	"	4	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	129
H-1	8/15/2025	0-1	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	14.3
H-2	8/15/2025	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.0
H-3	8/15/2025	0-1	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.0
H-4	8/15/2025	0-1	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<9.90
H-5	8/15/2025	0-1	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<9.90
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) Sample Point

(H) Horizontal Sample

Removed

Table 2
Conoco Phillips
Copperhead 31 Fed 3H (05.17.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	9/22/2025	4'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	310
CS-2	9/22/2025	4'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	378
CS-3	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	150
CS-4	9/22/2025	4'	<49.9	363	<49.9	363	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	263
	10/8/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	111
CS-5	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	200
CS-6	9/22/2025	4'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	190
CS-7	9/22/2025	4'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	169
CS-8	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	168
CS-9	9/22/2025	4'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	450
CS-10	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	168
CS-11	9/22/2025	4'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	188
CS-12	9/22/2025	4'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	178
CS-13	9/22/2025	4'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	191
CS-14	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	212
CS-15	9/22/2025	4'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	187
CS-16	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	514
CS-17	9/22/2025	4'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	209
CS-18	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	387
CS-19	9/22/2025	4'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	421
CS-20	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	179
CS-21	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	118
CS-22	9/22/2025	4'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	317
CS-23	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	133
CS-24	9/22/2025	4'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	84.8
CS-25	9/22/2025	4'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	181
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

Table 2
Conoco Phillips
Copperhead 31 Fed 3H (05.17.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-26	9/22/2025	4'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	279
CS-27	9/22/2025	4'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	279
CS-28	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	140
CS-29	9/22/2025	4'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	180
CS-30	9/22/2025	4'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	156
CS-31	9/22/2025	4'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	166
CS-32	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	161
CS-33	9/22/2025	4'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	186
CS-34	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	162
CS-35	9/22/2025	4'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	227
CS-36	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	155
CS-37	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	360
CS-38	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	167
CS-39	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	174
CS-40	9/22/2025	4'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	421
CS-41	9/22/2025	4'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	375
CS-42	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	413
CS-43	9/22/2025	4'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	427
CS-44	9/22/2025	4'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	429
CS-45	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	403
CS-46	9/22/2025	4'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	139
CS-47	9/22/2025	4'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	182
CS-48	9/22/2025	4'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	377
CS-49	9/22/2025	4'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	123
CS-50	9/22/2025	4'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	86.9
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

Table 2
Conoco Phillips
Copperhead 31 Fed 3H (05.17.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	217
SW-2	9/22/2025	4'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	214
SW-3	9/22/2025	4'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	223
SW-4	9/22/2025	4'	<50.0	<50.0	697	697	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	235
SW-5	9/22/2025	4'	<49.8	<49.8	298	298	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	175
	10/8/2025	4'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	103
SW-6	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	274
SW-7	9/22/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	239
Backfill	8/21/2025	-	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.90
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

COG Operating, LLC

Photograph No. 1

Facility: Copperhead 31 Federal Com 003H
(05.17.25)

County: Eddy County, New Mexico

Description:

View West, area of CS-1 through CS-20



Photograph No. 2

Facility: Copperhead 31 Federal Com 003H
(05.17.25)

County: Eddy County, New Mexico

Description:

View West, area of CS-21 through CS-40



Photograph No. 3

Facility: Copperhead 31 Federal Com 003H
(05.17.25)

County: Eddy County, New Mexico

Description:

View Northeast, area of CS-41 through CS-50



PHOTOGRAPHIC LOG
COG Operating, LLC

Photograph No. 4

Facility: Copperhead 31 Federal Com 003H
(05.17.25)

County: Eddy County, New Mexico

Description:
View North of backfilled area.

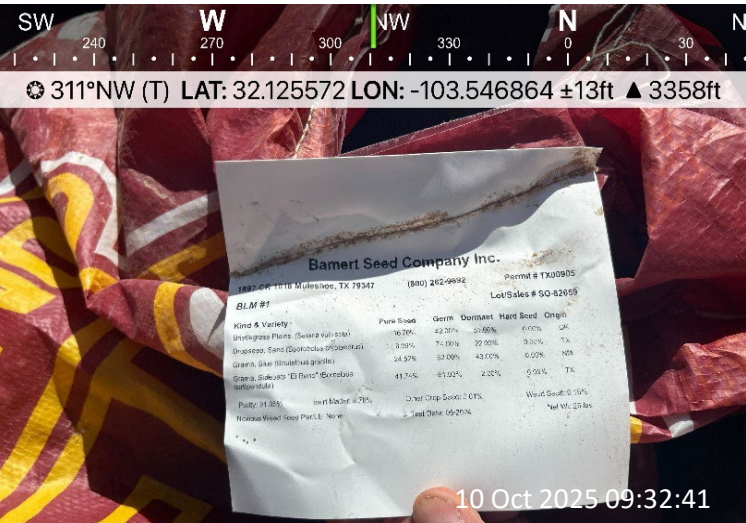


Photograph No. 5

Facility: Copperhead 31 Federal Com 003H
(05.17.25)

County: Eddy County, New Mexico

Description:
View of BLM Seed Mix #1



APPENDIX C

CARMONA RESOURCES



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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 473414

QUESTIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 473414
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	Copperhead 31 Federal Com 003H
Date Release Discovered	05/17/2025
Surface Owner	Private

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

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

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

QUESTIONS, Page 2

Action 473414

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 473414
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	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	Not answered.
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	Not answered.
All free liquids and recoverable materials have been removed and managed appropriately	Not answered.
If all the actions described above have not been undertaken, explain why	Not answered.

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

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

ACKNOWLEDGMENTS

Action 473414

ACKNOWLEDGMENTS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 473414
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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

CONDITIONS

Action 473414

CONDITIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 473414
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
brittanyesparza	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	6/11/2025

Received by OCD: 12/5/2025 8:15:55 AM								Spill Calculation - Subsurface Spill - Rectangle		Remediation RecommendationPage 24 of 273			
Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Average Depth (in.)	On/Off Pad (dropdown)	Soil Spilled-Fluid Saturation (%)	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)						
Rectangle A	19.0	79.0	2.0	Off-Pad ∨	9.87%	44.53	4.40					Total Estimated Contaminated Soil, uncompacted, 25% (yd³.)	Current Rule of Thumb - RMR Handover Volume, (yd³.)
Rectangle B	19.0	32.0	2.0	Off-Pad ∨	9.87%	18.04	1.78					11.58	750
Rectangle C				Off-Pad ∨	9.87%	0.00	0.00					4.69	
Rectangle D				Off-Pad ∨	9.87%	0.00	0.00					0.00	
Rectangle E				Off-Pad ∨	9.87%	0.00	0.00					0.00	
Rectangle F				∨		0.00						0.00	
Rectangle G				∨		0.00						0.00	
Rectangle H				∨		0.00						0.00	
Rectangle I				∨		0.00						0.00	
Rectangle J				∨		0.00						0.00	
Released to Imaging: 12/11/2025 8:37:47AM							Total Subsurface Volume Released:					6.1754	

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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 473417

QUESTIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 473417
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2516254705
Incident Name	NAPP2516254705 COPPERHEAD 31 FEDERAL COM 003H @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2203847044] Copperhead 31 Fed 3H - RT BTTY

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Copperhead 31 Federal Com 003H
Date Release Discovered	05/17/2025
Surface Owner	Private

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

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

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

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

QUESTIONS, Page 2

Action 473417

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 473417
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	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: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 06/11/2025
--	---

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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 3

Action 473417

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 473417
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

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

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

CONDITIONS

Action 473417

CONDITIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 473417
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Spill calculations are accepted and the initial C-141 is approved.	6/12/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 506696

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 506696
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2516254705
Incident Name	NAPP2516254705 COPPERHEAD 31 FEDERAL COM 003H @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2203847044] Copperhead 31 Fed 3H - RT BTTY

Location of Release Source	
Site Name	COPPERHEAD 31 FEDERAL COM 003H
Date Release Discovered	05/17/2025
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	2,376
What is the estimated number of samples that will be gathered	17
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/22/2025
Time sampling will commence	09:30 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-6823
Please provide any information necessary for navigation to sampling site	32.007202, -104.018675

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

General Information
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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 506696

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 506696
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jacquih	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.	9/17/2025
jacquih	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.	9/17/2025

APPENDIX D

CARMONA RESOURCES



Nearest Water Well

COG Operating

Legend

- 0.50
- 0.91 Miles
- Groundwater Determination Bore
- 1.12 Miles
- Copperhead 31 Federal Com #3H (05.17.2025)
- New Mexico/Texas State Line

55' GWDB - Drilled 04.25.2022

55' - GWDB - 04.25.2022

Copperhead 31 Federal Com #3H (05.17.2025)

New Mexico/Texas State Line

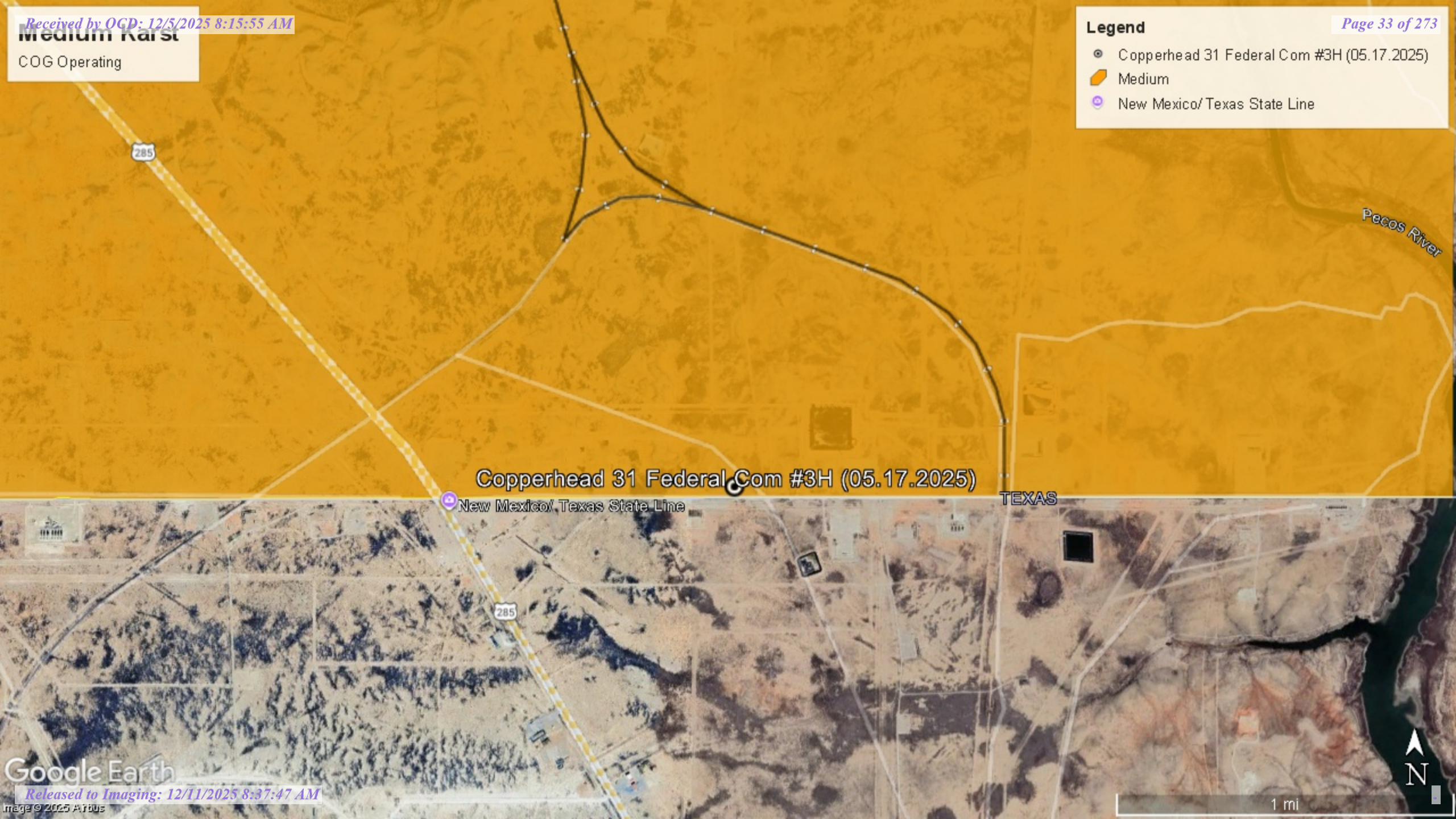
Pecos River

Medium Karst

COG Operating

Legend

-  Copperhead 31 Federal Com #3H (05.17.2025)
-  Medium
-  New Mexico/Texas State Line



Copperhead 31 Federal Com #3H (05.17.2025)

New Mexico/Texas State Line

TEXAS

Pecos River



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 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 03605 POD1	CUB	ED		4	2	3	27	26S	29E	596990	3541983	4212	45	0	45
C 04630 POD1	CUB	ED		3	4	3	22	26S	29E	596792	3543275	4534			
C 04022 POD2	CUB	ED		2	2	2	27	26S	28E	588106	3543082	5264	250	145	105
C 04653 POD6	CUB	ED		4	4	4	22	26S	29E	597782	3543171	5362	74	67	7
C 04653 POD5	CUB	ED		4	4	4	22	26S	29E	597784	3543186	5370	72	67	5

Average Depth to Water: **69 feet**

Minimum Depth: **0 feet**

Maximum Depth: **145 feet**

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 592911

Northing (Y): 3540930

Radius: 6000

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.

4/26/24 3:31 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

CARMONA RESOURCES



Project Name : COG - Copperhead Fee 31E CTB (01.14.22)
 Project No. : 1002
 Location : Eddy County, New Mexico
 Coordinates : 32.002359, -104.031693
 Elevation : 2,930'

Date : Monday, May 9, 2022
 Sampler : Lane Scarborough
 Driller : Scarborough Drilling
 Method : Air Rotary

Depth (ft.)	WL	Soil Description	Lithology	Depth (ft.)	WL	Soil Description	Lithology
0		(0') - Red to Brown sandy clay, with 50% medium well-cemented angular gravel, dry, no organics, no odor (GC)		50		(50') - light-dark brown stiff soft clayey sand with 3% fine loose soft, sub-angular sand, dry, no organics (ML)	
5		(5') - Red to Brown sandy clay, with 50% medium well-cemented angular gravel, dry, no organics, no odor (GC)		55		(55') - light-dark brown stiff soft clayey sand with 3% fine loose soft, sub-angular sand, dry, no organics (ML)	
10		(10') - Red to Brown sandy clay, with 50% medium well-cemented angular gravel, dry, no organics, no odor (GC)		60			
12		(12') - Red to Brown sandy clay, with 50% well-cemented gypsum fragments, dry, no organics, no odor (SC)		65			
15		(15') - Red to Brown sandy clay, with 50% well-cemented gypsum fragments, dry, no organics, no odor (SC)		70			
20		(20') - Red to Brown sandy clay, with 50% well-cemented gypsum fragments, dry, no organics, no odor (SC)		75			
25		(25') - Red to Brown sandy clay, with 50% well-cemented gypsum fragments, dry, no organics, no odor (SC)		80			
30		(30') - light-dark brown stiff soft clayey sand with 3% fine loose soft, sub-angular sand, dry, no organics (ML)		85			
35		(35') - light-dark brown stiff soft clayey sand with 3% fine loose soft, sub-angular sand, dry, no organics (ML)		90			
40		(40') - light-dark brown stiff soft clayey sand with 3% fine loose soft, sub-angular sand, dry, no organics (ML)		95			
45		(45') - light-dark brown stiff soft clayey sand with 3% fine loose soft, sub-angular sand, dry, no organics (ML)		105			
50							

Comments : Boring terminated at 55' at 10:00 AM Central Time with no presence of groundwater or moisture.

Well gauged on 5/13/22 at 11:00 AM Central Time with no detection of groundwater or moisture



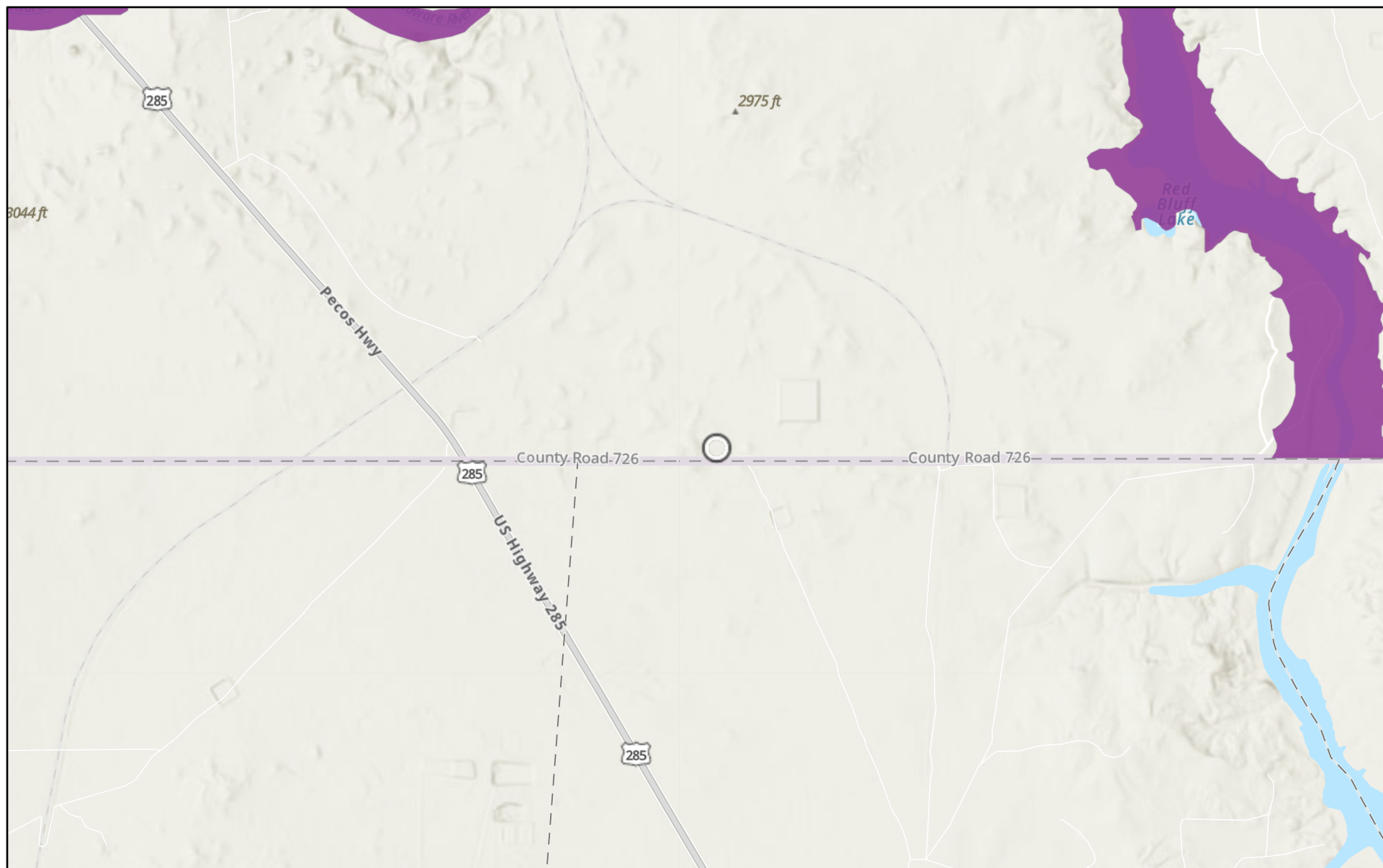
Project Name :	COG - Copperhead Fee A 3H (02.08.22)	Date :	Monday, April 25, 2022
Project No. :	1023	Sampler :	Lane Scarborough
Location :	Eddy County, New Mexico	Driller :	Scarborough Drilling
Coordinates :	32.016146, -104.021411	Method :	Air Rotary
Elevation :	2,935'		

Depth (ft.)	WL	Soil Description	Lithology	Depth (ft.)	WL	Soil Description	Lithology
0		(0') - Light Brown soft clayey sand, with 20% medium loose sub angular sand, dry, some organics (SC)		50		(50') - light-dark brown stiff soft clayey sand with 3% fine loose soft, sub angular sand, dry, no organics (ML)	
5		(5') - Light Brown soft clayey sand, with 20% medium loose sub angular sand, dry, some organics (SC)		55		(55') - light-dark brown stiff soft clayey sand with 3% fine loose soft, sub angular sand, dry, no organics (ML)	
10		(10') - Light brown, stiff soft clayey sand, with 3% fine loose sub angular sand, dry, no organics (SC)		60			
15		(15') - Light brown, stiff soft clayey sand, with 3% fine loose sub angular sand, dry, no organics (SC)		65			
20		(20') - Light brown, stiff soft clayey sand, with 3% fine loose sub angular sand, dry, no organics (SC)		70			
25		(25') - Light brown, stiff soft clayey sand, with 3% fine loose sub angular sand, dry, no organics (SC)		75			
30		(30') - light-dark brown stiff soft clayey sand with 3% fine loose soft, sub angular sand, dry, no organics (ML)		80			
35		(35') - light-dark brown stiff soft clayey sand with 3% fine loose soft, sub angular sand, dry, no organics (ML)		85			
40		(40') - light-dark brown stiff soft clayey sand with 3% fine loose soft, sub angular sand, dry, no organics (ML)		90			
45		(45') - light-dark brown stiff soft clayey sand with 3% fine loose soft, sub angular sand, dry, no organics (ML)		95			
50				105			

Comments : Boring terminated at 55' at 10:00 AM Central Time with no presence of groundwater or moisture.

Well gauged on 4/29/22 at 11:00 AM Central Time with no detection of groundwater or moisture

Copperhead 31 Federal Com #3H (05.17.2025)

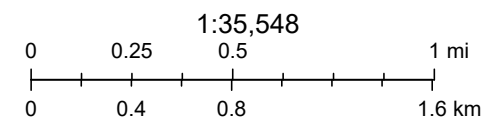


11/10/2025

USA Flood Hazard Areas

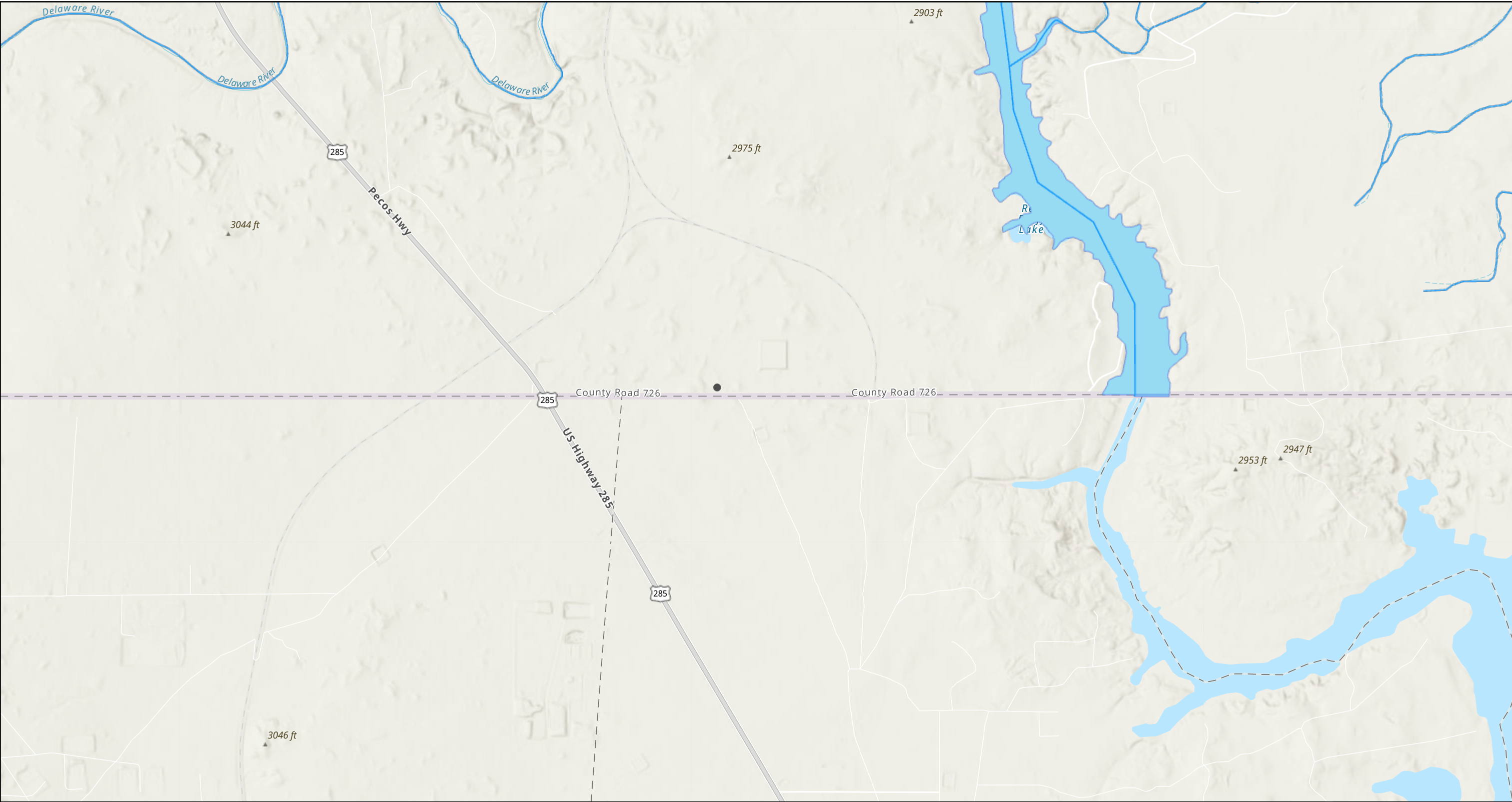
World_Hillshade

 1% Annual Chance Flood Hazard



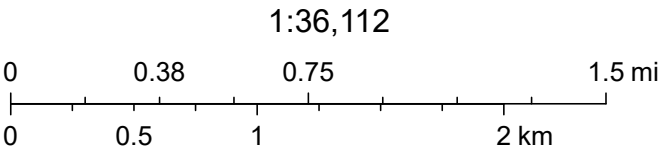
Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User

Copperhead 31 Federal Com #3H (05.17.2025)



4/26/2024, 4:26:30 PM

- OSW Water Bodys
- OSE Streams



Esri, NASA, NGA, USGS, FEMA, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, NM OSE

APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/20/2025 10:58:33 AM

JOB DESCRIPTION

Copperhead 31 Fed Com 3H (05.17.25)
Eddy County New Mexico

JOB NUMBER

880-61548-1

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
8/20/2025 10:58:33 AM

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

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Laboratory Job ID: 880-61548-1
SDG: Eddy County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1

Job ID: 880-61548-1

Eurofins Midland

Job Narrative 880-61548-1

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 8/15/2025 2:43 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.2°C.

GC VOA

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-116800 and analytical batch 880-116734 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Diesel Range Organics

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-116958 and analytical batch 880-116967 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: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-61548-1

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 09:50	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		08/15/25 15:06	08/16/25 09:50	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		08/15/25 15:06	08/16/25 09:50	1
m,p-Xylenes	<0.00400	U F1	0.00400		mg/Kg		08/15/25 15:06	08/16/25 09:50	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		08/15/25 15:06	08/16/25 09:50	1
Xylenes, Total	<0.00400	U F1	0.00400		mg/Kg		08/15/25 15:06	08/16/25 09:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	08/15/25 15:06	08/16/25 09:50	1
1,4-Difluorobenzene (Surr)	86		70 - 130	08/15/25 15:06	08/16/25 09:50	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			08/16/25 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/20/25 01:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/15/25 16:08	08/20/25 01:51	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/15/25 16:08	08/20/25 01:51	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/15/25 16:08	08/20/25 01:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130	08/15/25 16:08	08/20/25 01:51	1
o-Terphenyl (Surr)	76		70 - 130	08/15/25 16:08	08/20/25 01:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2670		50.4		mg/Kg			08/18/25 15:22	5

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-61548-2

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 10:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 10:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 10:10	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		08/15/25 15:06	08/16/25 10:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 10:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/15/25 15:06	08/16/25 10:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/15/25 15:06	08/16/25 10:10	1
1,4-Difluorobenzene (Surr)	85		70 - 130	08/15/25 15:06	08/16/25 10:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-61548-2

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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			08/16/25 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/20/25 02:06	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		08/15/25 16:08	08/20/25 02:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/15/25 16:08	08/20/25 02:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/15/25 16:08	08/20/25 02:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				08/15/25 16:08	08/20/25 02:06	1
o-Terphenyl (Surr)	78		70 - 130				08/15/25 16:08	08/20/25 02:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1550		50.4		mg/Kg			08/18/25 15:45	5

Client Sample ID: S-1 (2')

Lab Sample ID: 880-61548-3

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 10:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/15/25 15:06	08/16/25 10:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/15/25 15:06	08/16/25 10:31	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/15/25 15:06	08/16/25 10:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/15/25 15:06	08/16/25 10:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/15/25 15:06	08/16/25 10:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/15/25 15:06	08/16/25 10:31	1
1,4-Difluorobenzene (Surr)	87		70 - 130				08/15/25 15:06	08/16/25 10:31	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			08/16/25 10:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			08/20/25 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	<50.1	U	50.1		mg/Kg		08/15/25 16:08	08/20/25 02:22	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/15/25 16:08	08/20/25 02:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

Client Sample ID: S-1 (2')

Lab Sample ID: 880-61548-3

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 16:08	08/20/25 02:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				08/15/25 16:08	08/20/25 02:22	1
o-Terphenyl (Surr)	77		70 - 130				08/15/25 16:08	08/20/25 02:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1070		10.1		mg/Kg			08/18/25 15:53	1

Client Sample ID: S-1 (3')

Lab Sample ID: 880-61548-4

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 10:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/15/25 15:06	08/16/25 10:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/15/25 15:06	08/16/25 10:51	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/15/25 15:06	08/16/25 10:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/15/25 15:06	08/16/25 10:51	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/15/25 15:06	08/16/25 10:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				08/15/25 15:06	08/16/25 10:51	1
1,4-Difluorobenzene (Surr)	87		70 - 130				08/15/25 15:06	08/16/25 10:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/16/25 10:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/20/25 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	<49.8	U	49.8		mg/Kg		08/15/25 16:08	08/20/25 02:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/15/25 16:08	08/20/25 02:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/15/25 16:08	08/20/25 02:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130				08/15/25 16:08	08/20/25 02:37	1
o-Terphenyl (Surr)	79		70 - 130				08/15/25 16:08	08/20/25 02:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1030		10.1		mg/Kg			08/18/25 16:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

Client Sample ID: S-1 (4')

Lab Sample ID: 880-61548-5

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 11:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/15/25 15:06	08/16/25 11:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/15/25 15:06	08/16/25 11:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/15/25 15:06	08/16/25 11:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/15/25 15:06	08/16/25 11:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/15/25 15:06	08/16/25 11:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/15/25 15:06	08/16/25 11:12	1
1,4-Difluorobenzene (Surr)	87		70 - 130	08/15/25 15:06	08/16/25 11:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/16/25 11:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/20/25 02:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/15/25 16:08	08/20/25 02:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/15/25 16:08	08/20/25 02:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/15/25 16:08	08/20/25 02:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	08/15/25 16:08	08/20/25 02:53	1
o-Terphenyl (Surr)	84		70 - 130	08/15/25 16:08	08/20/25 02:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		10.1		mg/Kg			08/18/25 16:08	1

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

Lab Sample ID: 880-61548-6

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 11:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/15/25 15:06	08/16/25 11:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/15/25 15:06	08/16/25 11:32	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		08/15/25 15:06	08/16/25 11:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/15/25 15:06	08/16/25 11:32	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/15/25 15:06	08/16/25 11:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	08/15/25 15:06	08/16/25 11:32	1
1,4-Difluorobenzene (Surr)	85		70 - 130	08/15/25 15:06	08/16/25 11:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-61548-6

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			08/16/25 11:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			08/20/25 03:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		08/15/25 16:08	08/20/25 03:08	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/15/25 16:08	08/20/25 03:08	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/15/25 16:08	08/20/25 03:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				08/15/25 16:08	08/20/25 03:08	1
o-Terphenyl (Surr)	78		70 - 130				08/15/25 16:08	08/20/25 03:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3670		49.8		mg/Kg			08/18/25 15:52	5

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-61548-7

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 11:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/15/25 15:06	08/16/25 11:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/15/25 15:06	08/16/25 11:52	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/15/25 15:06	08/16/25 11:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/15/25 15:06	08/16/25 11:52	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/15/25 15:06	08/16/25 11:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				08/15/25 15:06	08/16/25 11:52	1
1,4-Difluorobenzene (Surr)	85		70 - 130				08/15/25 15:06	08/16/25 11:52	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			08/16/25 11:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/20/25 03:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/15/25 16:08	08/20/25 03:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/15/25 16:08	08/20/25 03:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-61548-7

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 16:08	08/20/25 03:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130				08/15/25 16:08	08/20/25 03:24	1
o-Terphenyl (Surr)	83		70 - 130				08/15/25 16:08	08/20/25 03:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2190		50.2		mg/Kg			08/18/25 15:58	5

Client Sample ID: S-2 (2')

Lab Sample ID: 880-61548-8

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 12:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/15/25 15:06	08/16/25 12:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/15/25 15:06	08/16/25 12:13	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/15/25 15:06	08/16/25 12:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/15/25 15:06	08/16/25 12:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/15/25 15:06	08/16/25 12:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				08/15/25 15:06	08/16/25 12:13	1
1,4-Difluorobenzene (Surr)	86		70 - 130				08/15/25 15:06	08/16/25 12:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/16/25 12:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			08/20/25 03:54	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		08/15/25 16:08	08/20/25 03:54	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		08/15/25 16:08	08/20/25 03:54	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		08/15/25 16:08	08/20/25 03:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				08/15/25 16:08	08/20/25 03:54	1
o-Terphenyl (Surr)	84		70 - 130				08/15/25 16:08	08/20/25 03:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1070		9.94		mg/Kg			08/18/25 16:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

Client Sample ID: S-2 (3')

Lab Sample ID: 880-61548-9

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 12:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 12:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 12:33	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/15/25 15:06	08/16/25 12:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 12:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/15/25 15:06	08/16/25 12:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	08/15/25 15:06	08/16/25 12:33	1
1,4-Difluorobenzene (Surr)	86		70 - 130	08/15/25 15:06	08/16/25 12:33	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			08/16/25 12:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/20/25 04:09	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	<49.9	U	49.9		mg/Kg		08/15/25 16:08	08/20/25 04:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/15/25 16:08	08/20/25 04:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/15/25 16:08	08/20/25 04:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	08/15/25 16:08	08/20/25 04:09	1
o-Terphenyl (Surr)	93		70 - 130	08/15/25 16:08	08/20/25 04:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	628		9.92		mg/Kg			08/18/25 16:21	1

Client Sample ID: S-2 (4')

Lab Sample ID: 880-61548-10

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 12:54	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/15/25 15:06	08/16/25 12:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/15/25 15:06	08/16/25 12:54	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/15/25 15:06	08/16/25 12:54	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/15/25 15:06	08/16/25 12:54	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/15/25 15:06	08/16/25 12:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	08/15/25 15:06	08/16/25 12:54	1
1,4-Difluorobenzene (Surr)	87		70 - 130	08/15/25 15:06	08/16/25 12:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources

Job ID: 880-61548-1

Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

SDG: Eddy County New Mexico

Client Sample ID: S-2 (4')

Lab Sample ID: 880-61548-10

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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			08/16/25 12:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/20/25 04:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/15/25 16:08	08/20/25 04:25	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/15/25 16:08	08/20/25 04:25	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/15/25 16:08	08/20/25 04:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				08/15/25 16:08	08/20/25 04:25	1
o-Terphenyl (Surr)	77		70 - 130				08/15/25 16:08	08/20/25 04:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.3		9.94		mg/Kg			08/18/25 16:26	1

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

Lab Sample ID: 880-61548-11

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 14:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/15/25 15:06	08/16/25 14:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/15/25 15:06	08/16/25 14:27	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/15/25 15:06	08/16/25 14:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/15/25 15:06	08/16/25 14:27	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/15/25 15:06	08/16/25 14:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				08/15/25 15:06	08/16/25 14:27	1
1,4-Difluorobenzene (Surr)	89		70 - 130				08/15/25 15:06	08/16/25 14:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/16/25 14:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/20/25 04:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/15/25 16:08	08/20/25 04:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/15/25 16:08	08/20/25 04:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-61548-11

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 16:08	08/20/25 04:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				08/15/25 16:08	08/20/25 04:41	1
o-Terphenyl (Surr)	79		70 - 130				08/15/25 16:08	08/20/25 04:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3560		49.9		mg/Kg			08/18/25 16:32	5

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-61548-12

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 14:48	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/15/25 15:06	08/16/25 14:48	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/15/25 15:06	08/16/25 14:48	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		08/15/25 15:06	08/16/25 14:48	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/15/25 15:06	08/16/25 14:48	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/15/25 15:06	08/16/25 14:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/15/25 15:06	08/16/25 14:48	1
1,4-Difluorobenzene (Surr)	89		70 - 130				08/15/25 15:06	08/16/25 14:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/16/25 14:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/20/25 04:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/15/25 16:08	08/20/25 04:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/15/25 16:08	08/20/25 04:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/15/25 16:08	08/20/25 04:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				08/15/25 16:08	08/20/25 04:56	1
o-Terphenyl (Surr)	77		70 - 130				08/15/25 16:08	08/20/25 04:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2110		49.8		mg/Kg			08/18/25 16:37	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

Client Sample ID: S-3 (2')

Lab Sample ID: 880-61548-13

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 15:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/15/25 15:06	08/16/25 15:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/15/25 15:06	08/16/25 15:08	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/15/25 15:06	08/16/25 15:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/15/25 15:06	08/16/25 15:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/15/25 15:06	08/16/25 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/15/25 15:06	08/16/25 15:08	1
1,4-Difluorobenzene (Surr)	86		70 - 130	08/15/25 15:06	08/16/25 15:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/16/25 15:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			08/20/25 05:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		08/15/25 16:08	08/20/25 05:12	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		08/15/25 16:08	08/20/25 05:12	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		08/15/25 16:08	08/20/25 05:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130	08/15/25 16:08	08/20/25 05:12	1
o-Terphenyl (Surr)	78		70 - 130	08/15/25 16:08	08/20/25 05:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	627		10.0		mg/Kg			08/18/25 16:43	1

Client Sample ID: S-3 (3')

Lab Sample ID: 880-61548-14

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 15:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/15/25 15:06	08/16/25 15:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/15/25 15:06	08/16/25 15:29	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/15/25 15:06	08/16/25 15:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/15/25 15:06	08/16/25 15:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/15/25 15:06	08/16/25 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	08/15/25 15:06	08/16/25 15:29	1
1,4-Difluorobenzene (Surr)	85		70 - 130	08/15/25 15:06	08/16/25 15:29	1

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Client Sample Results

Client: Carmona Resources

Job ID: 880-61548-1

Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

SDG: Eddy County New Mexico

Client Sample ID: S-3 (3')

Lab Sample ID: 880-61548-14

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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			08/16/25 15:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/20/25 05:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/15/25 16:08	08/20/25 05:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/15/25 16:08	08/20/25 05:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/15/25 16:08	08/20/25 05:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130				08/15/25 16:08	08/20/25 05:27	1
o-Terphenyl (Surr)	79		70 - 130				08/15/25 16:08	08/20/25 05:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	711	F1	10.1		mg/Kg			08/18/25 16:49	1

Client Sample ID: S-3 (4')

Lab Sample ID: 880-61548-15

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 15:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 15:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 15:49	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		08/15/25 15:06	08/16/25 15:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 15:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/15/25 15:06	08/16/25 15:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				08/15/25 15:06	08/16/25 15:49	1
1,4-Difluorobenzene (Surr)	89		70 - 130				08/15/25 15:06	08/16/25 15:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/16/25 15:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/20/25 05:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/15/25 16:08	08/20/25 05:44	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/15/25 16:08	08/20/25 05:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

Client Sample ID: S-3 (4')
Date Collected: 08/14/25 00:00
Date Received: 08/15/25 14:43

Lab Sample ID: 880-61548-15
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/15/25 16:08	08/20/25 05:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130				08/15/25 16:08	08/20/25 05:44	1
o-Terphenyl (Surr)	78		70 - 130				08/15/25 16:08	08/20/25 05:44	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		10.1		mg/Kg			08/18/25 17:06	1

Surrogate Summary

Client: Carmona Resources

Job ID: 880-61548-1

Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-61548-1	S-1 (0-1')	119	86				
880-61548-1 MS	S-1 (0-1')	114	89				
880-61548-1 MSD	S-1 (0-1')	115	91				
880-61548-2	S-1 (1.5')	113	85				
880-61548-3	S-1 (2')	110	87				
880-61548-4	S-1 (3')	120	87				
880-61548-5	S-1 (4')	113	87				
880-61548-6	S-2 (0-1')	115	85				
880-61548-7	S-2 (1.5')	118	85				
880-61548-8	S-2 (2')	127	86				
880-61548-9	S-2 (3')	127	86				
880-61548-10	S-2 (4')	121	87				
880-61548-11	S-3 (0-1')	107	89				
880-61548-12	S-3 (1.5')	113	89				
880-61548-13	S-3 (2')	111	86				
880-61548-14	S-3 (3')	127	85				
880-61548-15	S-3 (4')	111	89				
LCS 880-116800/1-A	Lab Control Sample	109	93				
LCSD 880-116800/2-A	Lab Control Sample Dup	113	89				
MB 880-116734/39	Method Blank	112	80				
MB 880-116800/5-A	Method Blank	115	81				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-61547-A-5-D MS	Matrix Spike	83	77				
880-61547-A-5-E MSD	Matrix Spike Duplicate	79	75				
880-61548-1	S-1 (0-1')	89	76				
880-61548-2	S-1 (1.5')	91	78				
880-61548-3	S-1 (2')	91	77				
880-61548-4	S-1 (3')	93	79				
880-61548-5	S-1 (4')	100	84				
880-61548-6	S-2 (0-1')	92	78				
880-61548-7	S-2 (1.5')	97	83				
880-61548-8	S-2 (2')	99	84				
880-61548-9	S-2 (3')	108	93				
880-61548-10	S-2 (4')	90	77				
880-61548-11	S-3 (0-1')	92	79				
880-61548-12	S-3 (1.5')	89	77				
880-61548-13	S-3 (2')	92	78				
880-61548-14	S-3 (3')	94	79				
880-61548-15	S-3 (4')	93	78				
LCS 880-116816/2-A	Lab Control Sample	90	91				

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Surrogate Summary

Client: Carmona Resources

Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1

SDG: Eddy County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
LCSD 880-116816/3-A	Lab Control Sample Dup	92	90
MB 880-116816/1-A	Method Blank	88	81
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources

Job ID: 880-61548-1

Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-116734/39

Matrix: Solid

Analysis Batch: 116734

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			08/15/25 22:31	1
Toluene	<0.00200	U	0.00200		mg/Kg			08/15/25 22:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			08/15/25 22:31	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg			08/15/25 22:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			08/15/25 22:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			08/15/25 22:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130		08/15/25 22:31	1
1,4-Difluorobenzene (Surr)	80		70 - 130		08/15/25 22:31	1

Lab Sample ID: MB 880-116800/5-A

Matrix: Solid

Analysis Batch: 116734

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 09:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 09:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 09:28	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/15/25 15:06	08/16/25 09:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 09:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/15/25 15:06	08/16/25 09:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	08/15/25 15:06	08/16/25 09:28	1
1,4-Difluorobenzene (Surr)	81		70 - 130	08/15/25 15:06	08/16/25 09:28	1

Lab Sample ID: LCS 880-116800/1-A

Matrix: Solid

Analysis Batch: 116734

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1105		mg/Kg		111	70 - 130
Toluene	0.100	0.09807		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1084		mg/Kg		108	70 - 130
m,p-Xylenes	0.200	0.2089		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1053		mg/Kg		105	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 880-116800/2-A

Matrix: Solid

Analysis Batch: 116734

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 116800

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1067		mg/Kg		107	70 - 130	4	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCSD 880-116800/2-A

Matrix: Solid

Analysis Batch: 116734

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 116800

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Toluene	0.100	0.1015		mg/Kg		101	70 - 130	3		35
Ethylbenzene	0.100	0.1144		mg/Kg		114	70 - 130	5		35
m,p-Xylenes	0.200	0.2233		mg/Kg		112	70 - 130	7		35
o-Xylene	0.100	0.1122		mg/Kg		112	70 - 130	6		35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-61548-1 MS

Matrix: Solid

Analysis Batch: 116734

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

Prep Type: Total/NA

Prep Batch: 116800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Benzene	<0.00200	U	0.100	0.06961		mg/Kg		70	70 - 130	
Toluene	<0.00200	U F1	0.100	0.06194	F1	mg/Kg		62	70 - 130	
Ethylbenzene	<0.00200	U F1	0.100	0.06740	F1	mg/Kg		67	70 - 130	
m,p-Xylenes	<0.00400	U F1	0.200	0.1298	F1	mg/Kg		65	70 - 130	
o-Xylene	<0.00200	U F1	0.100	0.06433	F1	mg/Kg		64	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-61548-1 MSD

Matrix: Solid

Analysis Batch: 116734

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

Prep Type: Total/NA

Prep Batch: 116800

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Benzene	<0.00200	U	0.100	0.08533		mg/Kg		85	70 - 130	20		35
Toluene	<0.00200	U F1	0.100	0.08124		mg/Kg		81	70 - 130	27		35
Ethylbenzene	<0.00200	U F1	0.100	0.08664		mg/Kg		87	70 - 130	25		35
m,p-Xylenes	<0.00400	U F1	0.200	0.1661		mg/Kg		83	70 - 130	24		35
o-Xylene	<0.00200	U F1	0.100	0.08281		mg/Kg		83	70 - 130	25		35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

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

Lab Sample ID: MB 880-116816/1-A

Matrix: Solid

Analysis Batch: 117016

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116816

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/15/25 16:08	08/19/25 23:47	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

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

Lab Sample ID: MB 880-116816/1-A

Matrix: Solid

Analysis Batch: 117016

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116816

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/15/25 16:08	08/19/25 23:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/15/25 16:08	08/19/25 23:47	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	88		70 - 130				08/15/25 16:08	08/19/25 23:47	1
o-Terphenyl (Surr)	81		70 - 130				08/15/25 16:08	08/19/25 23:47	1

Lab Sample ID: LCS 880-116816/2-A

Matrix: Solid

Analysis Batch: 117016

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116816

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	985.1		mg/Kg		99	70 - 130		
Surrogate	LCS	LCS	Limits						
1-Chlorooctane (Surr)	90		70 - 130						
o-Terphenyl (Surr)	91		70 - 130						

Lab Sample ID: LCSD 880-116816/3-A

Matrix: Solid

Analysis Batch: 117016

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 116816

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1067		mg/Kg		107	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1001		mg/Kg		100	70 - 130	2	20
Surrogate	LCSD	LCSD	Limits						
1-Chlorooctane (Surr)	92		70 - 130						
o-Terphenyl (Surr)	90		70 - 130						

Lab Sample ID: 880-61547-A-5-D MS

Matrix: Solid

Analysis Batch: 117016

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 116816

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
	Result	Qualifier									
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	869.4		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	813.4		mg/Kg		80	70 - 130		
Surrogate	MS	MS	Limits								
	%Recovery	Qualifier									
1-Chlorooctane (Surr)	83		70 - 130								
o-Terphenyl (Surr)	77		70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources

Job ID: 880-61548-1

Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

SDG: Eddy County New Mexico

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

Lab Sample ID: 880-61547-A-5-E MSD

Matrix: Solid

Analysis Batch: 117016

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 116816

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	858.9		mg/Kg		86	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	795.1		mg/Kg		78	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	79		70 - 130								
o-Terphenyl (Surr)	75		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116812/1-A

Matrix: Solid

Analysis Batch: 116878

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			08/18/25 12:43	1

Lab Sample ID: LCS 880-116812/2-A

Matrix: Solid

Analysis Batch: 116878

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	236.8		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-116812/3-A

Matrix: Solid

Analysis Batch: 116878

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	1	20

Lab Sample ID: 880-61547-A-4-C MS

Matrix: Solid

Analysis Batch: 116878

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	<10.0	U	251	269.4		mg/Kg		103	90 - 110

Lab Sample ID: 880-61547-A-4-D MSD

Matrix: Solid

Analysis Batch: 116878

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	<10.0	U	251	263.8		mg/Kg		101	90 - 110	2	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-116958/1-A Matrix: Solid Analysis Batch: 116967										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			08/18/25 15:12	1		

Lab Sample ID: LCS 880-116958/2-A Matrix: Solid Analysis Batch: 116967										Client Sample ID: Lab Control Sample Prep Type: Soluble	
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	226.9		mg/Kg		91	90 - 110		

Lab Sample ID: LCSD 880-116958/3-A Matrix: Solid Analysis Batch: 116967										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	227.2		mg/Kg		91	90 - 110	0	20

Lab Sample ID: 880-61548-14 MS Matrix: Solid Analysis Batch: 116967										Client Sample ID: S-3 (3') Prep Type: Soluble	
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	711	F1	253	926.8	F1	mg/Kg		86	90 - 110		

Lab Sample ID: 880-61548-14 MSD Matrix: Solid Analysis Batch: 116967										Client Sample ID: S-3 (3') Prep Type: Soluble	
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	711	F1	253	925.6	F1	mg/Kg		85	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

GC VOA

Analysis Batch: 116734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61548-1	S-1 (0-1')	Total/NA	Solid	8021B	116800
880-61548-2	S-1 (1.5')	Total/NA	Solid	8021B	116800
880-61548-3	S-1 (2')	Total/NA	Solid	8021B	116800
880-61548-4	S-1 (3')	Total/NA	Solid	8021B	116800
880-61548-5	S-1 (4')	Total/NA	Solid	8021B	116800
880-61548-6	S-2 (0-1')	Total/NA	Solid	8021B	116800
880-61548-7	S-2 (1.5')	Total/NA	Solid	8021B	116800
880-61548-8	S-2 (2')	Total/NA	Solid	8021B	116800
880-61548-9	S-2 (3')	Total/NA	Solid	8021B	116800
880-61548-10	S-2 (4')	Total/NA	Solid	8021B	116800
880-61548-11	S-3 (0-1')	Total/NA	Solid	8021B	116800
880-61548-12	S-3 (1.5')	Total/NA	Solid	8021B	116800
880-61548-13	S-3 (2')	Total/NA	Solid	8021B	116800
880-61548-14	S-3 (3')	Total/NA	Solid	8021B	116800
880-61548-15	S-3 (4')	Total/NA	Solid	8021B	116800
MB 880-116734/39	Method Blank	Total/NA	Solid	8021B	
MB 880-116800/5-A	Method Blank	Total/NA	Solid	8021B	116800
LCS 880-116800/1-A	Lab Control Sample	Total/NA	Solid	8021B	116800
LCSD 880-116800/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	116800
880-61548-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	116800
880-61548-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	116800

Prep Batch: 116800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61548-1	S-1 (0-1')	Total/NA	Solid	5035	
880-61548-2	S-1 (1.5')	Total/NA	Solid	5035	
880-61548-3	S-1 (2')	Total/NA	Solid	5035	
880-61548-4	S-1 (3')	Total/NA	Solid	5035	
880-61548-5	S-1 (4')	Total/NA	Solid	5035	
880-61548-6	S-2 (0-1')	Total/NA	Solid	5035	
880-61548-7	S-2 (1.5')	Total/NA	Solid	5035	
880-61548-8	S-2 (2')	Total/NA	Solid	5035	
880-61548-9	S-2 (3')	Total/NA	Solid	5035	
880-61548-10	S-2 (4')	Total/NA	Solid	5035	
880-61548-11	S-3 (0-1')	Total/NA	Solid	5035	
880-61548-12	S-3 (1.5')	Total/NA	Solid	5035	
880-61548-13	S-3 (2')	Total/NA	Solid	5035	
880-61548-14	S-3 (3')	Total/NA	Solid	5035	
880-61548-15	S-3 (4')	Total/NA	Solid	5035	
MB 880-116800/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-116800/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-116800/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-61548-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-61548-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 116978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61548-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-61548-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-61548-3	S-1 (2')	Total/NA	Solid	Total BTEX	
880-61548-4	S-1 (3')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

GC VOA (Continued)

Analysis Batch: 116978 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61548-5	S-1 (4')	Total/NA	Solid	Total BTEX	
880-61548-6	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-61548-7	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-61548-8	S-2 (2')	Total/NA	Solid	Total BTEX	
880-61548-9	S-2 (3')	Total/NA	Solid	Total BTEX	
880-61548-10	S-2 (4')	Total/NA	Solid	Total BTEX	
880-61548-11	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-61548-12	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-61548-13	S-3 (2')	Total/NA	Solid	Total BTEX	
880-61548-14	S-3 (3')	Total/NA	Solid	Total BTEX	
880-61548-15	S-3 (4')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 116816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61548-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-61548-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-61548-3	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-61548-4	S-1 (3')	Total/NA	Solid	8015NM Prep	
880-61548-5	S-1 (4')	Total/NA	Solid	8015NM Prep	
880-61548-6	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-61548-7	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-61548-8	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-61548-9	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-61548-10	S-2 (4')	Total/NA	Solid	8015NM Prep	
880-61548-11	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-61548-12	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-61548-13	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-61548-14	S-3 (3')	Total/NA	Solid	8015NM Prep	
880-61548-15	S-3 (4')	Total/NA	Solid	8015NM Prep	
MB 880-116816/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116816/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116816/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61547-A-5-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-61547-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 117016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61548-1	S-1 (0-1')	Total/NA	Solid	8015B NM	116816
880-61548-2	S-1 (1.5')	Total/NA	Solid	8015B NM	116816
880-61548-3	S-1 (2')	Total/NA	Solid	8015B NM	116816
880-61548-4	S-1 (3')	Total/NA	Solid	8015B NM	116816
880-61548-5	S-1 (4')	Total/NA	Solid	8015B NM	116816
880-61548-6	S-2 (0-1')	Total/NA	Solid	8015B NM	116816
880-61548-7	S-2 (1.5')	Total/NA	Solid	8015B NM	116816
880-61548-8	S-2 (2')	Total/NA	Solid	8015B NM	116816
880-61548-9	S-2 (3')	Total/NA	Solid	8015B NM	116816
880-61548-10	S-2 (4')	Total/NA	Solid	8015B NM	116816
880-61548-11	S-3 (0-1')	Total/NA	Solid	8015B NM	116816
880-61548-12	S-3 (1.5')	Total/NA	Solid	8015B NM	116816

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 117016 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61548-13	S-3 (2')	Total/NA	Solid	8015B NM	116816
880-61548-14	S-3 (3')	Total/NA	Solid	8015B NM	116816
880-61548-15	S-3 (4')	Total/NA	Solid	8015B NM	116816
MB 880-116816/1-A	Method Blank	Total/NA	Solid	8015B NM	116816
LCS 880-116816/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116816
LCSD 880-116816/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116816
880-61547-A-5-D MS	Matrix Spike	Total/NA	Solid	8015B NM	116816
880-61547-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	116816

Analysis Batch: 117139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61548-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-61548-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-61548-3	S-1 (2')	Total/NA	Solid	8015 NM	
880-61548-4	S-1 (3')	Total/NA	Solid	8015 NM	
880-61548-5	S-1 (4')	Total/NA	Solid	8015 NM	
880-61548-6	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-61548-7	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-61548-8	S-2 (2')	Total/NA	Solid	8015 NM	
880-61548-9	S-2 (3')	Total/NA	Solid	8015 NM	
880-61548-10	S-2 (4')	Total/NA	Solid	8015 NM	
880-61548-11	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-61548-12	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-61548-13	S-3 (2')	Total/NA	Solid	8015 NM	
880-61548-14	S-3 (3')	Total/NA	Solid	8015 NM	
880-61548-15	S-3 (4')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61548-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-61548-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-61548-3	S-1 (2')	Soluble	Solid	DI Leach	
880-61548-4	S-1 (3')	Soluble	Solid	DI Leach	
880-61548-5	S-1 (4')	Soluble	Solid	DI Leach	
MB 880-116812/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116812/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116812/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61547-A-4-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-61547-A-4-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 116878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61548-1	S-1 (0-1')	Soluble	Solid	300.0	116812
880-61548-2	S-1 (1.5')	Soluble	Solid	300.0	116812
880-61548-3	S-1 (2')	Soluble	Solid	300.0	116812
880-61548-4	S-1 (3')	Soluble	Solid	300.0	116812
880-61548-5	S-1 (4')	Soluble	Solid	300.0	116812
MB 880-116812/1-A	Method Blank	Soluble	Solid	300.0	116812
LCS 880-116812/2-A	Lab Control Sample	Soluble	Solid	300.0	116812

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

HPLC/IC (Continued)

Analysis Batch: 116878 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-116812/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116812
880-61547-A-4-C MS	Matrix Spike	Soluble	Solid	300.0	116812
880-61547-A-4-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	116812

Leach Batch: 116958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61548-6	S-2 (0-1')	Soluble	Solid	DI Leach	
880-61548-7	S-2 (1.5')	Soluble	Solid	DI Leach	
880-61548-8	S-2 (2')	Soluble	Solid	DI Leach	
880-61548-9	S-2 (3')	Soluble	Solid	DI Leach	
880-61548-10	S-2 (4')	Soluble	Solid	DI Leach	
880-61548-11	S-3 (0-1')	Soluble	Solid	DI Leach	
880-61548-12	S-3 (1.5')	Soluble	Solid	DI Leach	
880-61548-13	S-3 (2')	Soluble	Solid	DI Leach	
880-61548-14	S-3 (3')	Soluble	Solid	DI Leach	
880-61548-15	S-3 (4')	Soluble	Solid	DI Leach	
MB 880-116958/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116958/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116958/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61548-14 MS	S-3 (3')	Soluble	Solid	DI Leach	
880-61548-14 MSD	S-3 (3')	Soluble	Solid	DI Leach	

Analysis Batch: 116967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61548-6	S-2 (0-1')	Soluble	Solid	300.0	116958
880-61548-7	S-2 (1.5')	Soluble	Solid	300.0	116958
880-61548-8	S-2 (2')	Soluble	Solid	300.0	116958
880-61548-9	S-2 (3')	Soluble	Solid	300.0	116958
880-61548-10	S-2 (4')	Soluble	Solid	300.0	116958
880-61548-11	S-3 (0-1')	Soluble	Solid	300.0	116958
880-61548-12	S-3 (1.5')	Soluble	Solid	300.0	116958
880-61548-13	S-3 (2')	Soluble	Solid	300.0	116958
880-61548-14	S-3 (3')	Soluble	Solid	300.0	116958
880-61548-15	S-3 (4')	Soluble	Solid	300.0	116958
MB 880-116958/1-A	Method Blank	Soluble	Solid	300.0	116958
LCS 880-116958/2-A	Lab Control Sample	Soluble	Solid	300.0	116958
LCSD 880-116958/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116958
880-61548-14 MS	S-3 (3')	Soluble	Solid	300.0	116958
880-61548-14 MSD	S-3 (3')	Soluble	Solid	300.0	116958

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

Client Sample ID: S-1 (0-1')
Date Collected: 08/14/25 00:00
Date Received: 08/15/25 14:43

Lab Sample ID: 880-61548-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 09:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116978	08/16/25 09:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			117139	08/20/25 01:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	116816	08/15/25 16:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/20/25 01:51	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116812	08/15/25 15:56	SA	EET MID
Soluble	Analysis	300.0		5			116878	08/18/25 15:22	CS	EET MID

Client Sample ID: S-1 (1.5')
Date Collected: 08/14/25 00:00
Date Received: 08/15/25 14:43

Lab Sample ID: 880-61548-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 10:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116978	08/16/25 10:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			117139	08/20/25 02:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116816	08/15/25 16:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/20/25 02:06	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116812	08/15/25 15:56	SA	EET MID
Soluble	Analysis	300.0		5			116878	08/18/25 15:45	CS	EET MID

Client Sample ID: S-1 (2')
Date Collected: 08/14/25 00:00
Date Received: 08/15/25 14:43

Lab Sample ID: 880-61548-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 10:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116978	08/16/25 10:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			117139	08/20/25 02:22	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	116816	08/15/25 16:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/20/25 02:22	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116812	08/15/25 15:56	SA	EET MID
Soluble	Analysis	300.0		1			116878	08/18/25 15:53	CS	EET MID

Client Sample ID: S-1 (3')
Date Collected: 08/14/25 00:00
Date Received: 08/15/25 14:43

Lab Sample ID: 880-61548-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 10:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116978	08/16/25 10:51	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

Client Sample ID: S-1 (3')

Date Collected: 08/14/25 00:00

Date Received: 08/15/25 14:43

Lab Sample ID: 880-61548-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117139	08/20/25 02:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116816	08/15/25 16:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/20/25 02:37	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116812	08/15/25 15:56	SA	EET MID
Soluble	Analysis	300.0		1			116878	08/18/25 16:00	CS	EET MID

Client Sample ID: S-1 (4')

Date Collected: 08/14/25 00:00

Date Received: 08/15/25 14:43

Lab Sample ID: 880-61548-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 11:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116978	08/16/25 11:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			117139	08/20/25 02:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	116816	08/15/25 16:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/20/25 02:53	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116812	08/15/25 15:56	SA	EET MID
Soluble	Analysis	300.0		1			116878	08/18/25 16:08	CS	EET MID

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

Date Collected: 08/14/25 00:00

Date Received: 08/15/25 14:43

Lab Sample ID: 880-61548-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 11:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116978	08/16/25 11:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			117139	08/20/25 03:08	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	116816	08/15/25 16:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/20/25 03:08	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116958	08/18/25 13:12	SA	EET MID
Soluble	Analysis	300.0		5			116967	08/18/25 15:52	CS	EET MID

Client Sample ID: S-2 (1.5')

Date Collected: 08/14/25 00:00

Date Received: 08/15/25 14:43

Lab Sample ID: 880-61548-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 11:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116978	08/16/25 11:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			117139	08/20/25 03:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116816	08/15/25 16:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/20/25 03:24	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-61548-7

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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	116958	08/18/25 13:12	SA	EET MID
Soluble	Analysis	300.0		5			116967	08/18/25 15:58	CS	EET MID

Client Sample ID: S-2 (2')

Lab Sample ID: 880-61548-8

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 12:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116978	08/16/25 12:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			117139	08/20/25 03:54	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	116816	08/15/25 16:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/20/25 03:54	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116958	08/18/25 13:12	SA	EET MID
Soluble	Analysis	300.0		1			116967	08/18/25 16:03	CS	EET MID

Client Sample ID: S-2 (3')

Lab Sample ID: 880-61548-9

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

Prep 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	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 12:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116978	08/16/25 12:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			117139	08/20/25 04:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116816	08/15/25 16:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/20/25 04:09	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116958	08/18/25 13:12	SA	EET MID
Soluble	Analysis	300.0		1			116967	08/18/25 16:21	CS	EET MID

Client Sample ID: S-2 (4')

Lab Sample ID: 880-61548-10

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

Prep 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	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 12:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116978	08/16/25 12:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			117139	08/20/25 04:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	116816	08/15/25 16:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/20/25 04:25	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116958	08/18/25 13:12	SA	EET MID
Soluble	Analysis	300.0		1			116967	08/18/25 16:26	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-61548-11

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 14:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116978	08/16/25 14:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			117139	08/20/25 04:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116816	08/15/25 16:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/20/25 04:41	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116958	08/18/25 13:12	SA	EET MID
Soluble	Analysis	300.0		5			116967	08/18/25 16:32	CS	EET MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-61548-12

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 14:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116978	08/16/25 14:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			117139	08/20/25 04:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116816	08/15/25 16:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/20/25 04:56	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116958	08/18/25 13:12	SA	EET MID
Soluble	Analysis	300.0		5			116967	08/18/25 16:37	CS	EET MID

Client Sample ID: S-3 (2')

Lab Sample ID: 880-61548-13

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

Prep 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	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 15:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116978	08/16/25 15:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			117139	08/20/25 05:12	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	116816	08/15/25 16:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/20/25 05:12	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116958	08/18/25 13:12	SA	EET MID
Soluble	Analysis	300.0		1			116967	08/18/25 16:43	CS	EET MID

Client Sample ID: S-3 (3')

Lab Sample ID: 880-61548-14

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 15:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116978	08/16/25 15:29	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

Client Sample ID: S-3 (3')
Date Collected: 08/14/25 00:00
Date Received: 08/15/25 14:43

Lab Sample ID: 880-61548-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117139	08/20/25 05:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116816	08/15/25 16:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/20/25 05:27	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116958	08/18/25 13:12	SA	EET MID
Soluble	Analysis	300.0		1			116967	08/18/25 16:49	CS	EET MID

Client Sample ID: S-3 (4')
Date Collected: 08/14/25 00:00
Date Received: 08/15/25 14:43

Lab Sample ID: 880-61548-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 15:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116978	08/16/25 15:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			117139	08/20/25 05:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	116816	08/15/25 16:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/20/25 05:44	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116958	08/18/25 13:12	SA	EET MID
Soluble	Analysis	300.0		1			116967	08/18/25 17:06	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: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

Laboratory: Eurofins Midland

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

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

Job ID: 880-61548-1

Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

SDG: Eddy County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61548-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-61548-1	S-1 (0-1')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61548-2	S-1 (1.5')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61548-3	S-1 (2')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61548-4	S-1 (3')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61548-5	S-1 (4')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61548-6	S-2 (0-1')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61548-7	S-2 (1.5')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61548-8	S-2 (2')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61548-9	S-2 (3')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61548-10	S-2 (4')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61548-11	S-3 (0-1')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61548-12	S-3 (1.5')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61548-13	S-3 (2')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61548-14	S-3 (3')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61548-15	S-3 (4')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico

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Chain of Custody

W/



880-61548 Chain of Custody

Page 1 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

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

Project Name:	Copperhead 31 Fed Com 3H (05.17.25)	Turn Around	☐ Routine ☒ Rush	Due Date:	72 HR TAT	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:	2745																None: NO	DI Water: H ₂ O	
Project Location:	Eddy County, New Mexico																Cool: Cool	MeOH: Me	
Sampler's Name:	JM																HCL: HC	HNO ₃ : HN	
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Thermometer ID:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐											H ₃ PO ₄ : HP		
Received Intact:	Yes ☒ No ☐		Correction Factor:	Yes ☒ No ☐													NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes ☒ No ☐		Temperature Reading:	Yes ☒ No ☐													Na ₂ S ₂ O ₅ : NaSO ₃		
Sample Custody Seals:	Yes ☒ No ☐		Corrected Temperature:	Yes ☒ No ☐													Zn Acetate+NaOH: Zn		
Total Containers:																	NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments		
S-1 (0-1')	8/14/2025		X		G	1	X	X	X										
S-1 (1.5')	8/14/2025		X		G	1	X	X	X										
S-1 (2')	8/14/2025		X		G	1	X	X	X										
S-1 (3')	8/14/2025		X		G	1	X	X	X										
S-1 (4')	8/14/2025		X		G	1	X	X	X										
S-2 (0-1')	8/14/2025		X		G	1	X	X	X										
S-2 (1.5')	8/14/2025		X		G	1	X	X	X										
S-2 (2')	8/14/2025		X		G	1	X	X	X										
S-2 (3')	8/14/2025		X		G	1	X	X	X										
S-2 (4')	8/14/2025		X		G	1	X	X	X										

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Mike Moehring	8/15/25	[Signature]	8/15/25
			1413

Chain of Custody

Work Order No: _____

Page 2 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Camrona Resources
Company Name:	Camrona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcamrona@camronaresources.com

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

[illegible]

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

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Chain of Custody

W.



880-61548 Chain of Custody

Page 1 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Camrona Resources
Company Name:	Camrona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcamrona@camronaresources.com

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

Project Name:		Copperhead 31 Fed Com 3H (05.17.25)		Turn Around		ANALYSIS REQUEST												Preservative Codes	
Project Number:		2745		☐ Routine ☒ Rush		Pres. Code											None: NO	DI Water: H ₂ O	
Project Location:		Eddy County, New Mexico		Due Date:		72 HR TAT										Cool: Cool		MeOH: Me	
Sampler's Name:		JM														HCL: HC		HNO ₃ : HN	
PO #:																H ₂ SO ₄ : H ₂		NaOH: Na	
SAMPLE RECEIPT		Temp Blank:		☒ Yes ☐ No		Wet Ice:		☒ Yes ☐ No								H ₃ PO ₄ : HP			
Received Intact:		☒ Yes ☐ No		Thermometer ID:												NaHSO ₄ : NABIS			
Cooler Custody Seals:		☒ Yes ☐ No		Correction Factor:												Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		☒ Yes ☐ No		Temperature Reading:												Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:												NaOH+Ascorbic Acid: SACP			
Sample Identification		Date		Time		Soil		Water		Grab/ Comp		# of Cont				Sample Comments			
S-1 (0-1')		8/14/2025				X				G		1		X		X		X	
S-1 (1.5')		8/14/2025				X				G		1		X		X		X	
S-1 (2')		8/14/2025				X				G		1		X		X		X	
S-1 (3')		8/14/2025				X				G		1		X		X		X	
S-1 (4')		8/14/2025				X				G		1		X		X		X	
S-2 (0-1')		8/14/2025				X				G		1		X		X		X	
S-2 (1.5')		8/14/2025				X				G		1		X		X		X	
S-2 (2')		8/14/2025				X				G		1		X		X		X	
S-2 (3')		8/14/2025				X				G		1		X		X		X	
S-2 (4')		8/14/2025				X				G		1		X		X		X	

Comments: Email to Mike Camrona / mcamrona@camronaresources.com and Conner Moehring / cmoehring@camronaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Mike Moehring</i>	8-15-25	<i>[Signature]</i>	8-15-25
			1413

Chain of Custody

Work Order No: _____

Page 2 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	imcarmona@carmonaresources.com

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

[illegible]

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Carl Moebling</i>	5-15-25	<i>[Signature]</i>	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-61548-1

SDG Number: Eddy County New Mexico

Login Number: 61548

List Number: 1

Creator: Kramer, Jessica

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/20/2025 11:12:51 AM

JOB DESCRIPTION

Copperhead 31 Fed Com 3H (05.17.25)
Eddy County NM

JOB NUMBER

880-61546-1

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
8/20/2025 11:12:51 AM

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

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Laboratory Job ID: 880-61546-1
SDG: Eddy County NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61546-1
SDG: Eddy County NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61546-1

Job ID: 880-61546-1

Eurofins Midland

Job Narrative 880-61546-1

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 8/15/2025 2:43 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.2°C.

GC VOA

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-116800 and analytical batch 880-116734 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

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: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61546-1
SDG: Eddy County NM

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

Lab Sample ID: 880-61546-1

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 16:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/15/25 15:06	08/16/25 16:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/15/25 15:06	08/16/25 16:10	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/15/25 15:06	08/16/25 16:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/15/25 15:06	08/16/25 16:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/15/25 15:06	08/16/25 16:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	08/15/25 15:06	08/16/25 16:10	1
1,4-Difluorobenzene (Surr)	89		70 - 130	08/15/25 15:06	08/16/25 16:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/16/25 16:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/20/25 04:09	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	<49.7	U	49.7		mg/Kg		08/15/25 16:01	08/20/25 04:09	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/15/25 16:01	08/20/25 04:09	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/15/25 16:01	08/20/25 04:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	75		70 - 130	08/15/25 16:01	08/20/25 04:09	1
o-Terphenyl (Surr)	75		70 - 130	08/15/25 16:01	08/20/25 04:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.3		9.98		mg/Kg			08/18/25 13:36	1

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

Lab Sample ID: 880-61546-2

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 16:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/15/25 15:06	08/16/25 16:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/15/25 15:06	08/16/25 16:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/15/25 15:06	08/16/25 16:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/15/25 15:06	08/16/25 16:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/15/25 15:06	08/16/25 16:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	08/15/25 15:06	08/16/25 16:30	1
1,4-Difluorobenzene (Surr)	87		70 - 130	08/15/25 15:06	08/16/25 16:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61546-1
SDG: Eddy County NM

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

Lab Sample ID: 880-61546-2

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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			08/16/25 16:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/20/25 04:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/15/25 16:01	08/20/25 04:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/15/25 16:01	08/20/25 04:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/15/25 16:01	08/20/25 04:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130				08/15/25 16:01	08/20/25 04:25	1
o-Terphenyl (Surr)	75		70 - 130				08/15/25 16:01	08/20/25 04:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/18/25 13:44	1

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

Lab Sample ID: 880-61546-3

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 16:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/15/25 15:06	08/16/25 16:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/15/25 15:06	08/16/25 16:51	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/15/25 15:06	08/16/25 16:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/15/25 15:06	08/16/25 16:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/15/25 15:06	08/16/25 16:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/15/25 15:06	08/16/25 16:51	1
1,4-Difluorobenzene (Surr)	88		70 - 130				08/15/25 15:06	08/16/25 16:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/16/25 16:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			08/20/25 04:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		08/15/25 16:01	08/20/25 04:41	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/15/25 16:01	08/20/25 04:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61546-1
SDG: Eddy County NM

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

Lab Sample ID: 880-61546-3

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 16:01	08/20/25 04:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	75		70 - 130				08/15/25 16:01	08/20/25 04:41	1
o-Terphenyl (Surr)	74		70 - 130				08/15/25 16:01	08/20/25 04:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/18/25 13:51	1

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

Lab Sample ID: 880-61546-4

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 17:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 17:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 17:11	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/15/25 15:06	08/16/25 17:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 17:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/15/25 15:06	08/16/25 17:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				08/15/25 15:06	08/16/25 17:11	1
1,4-Difluorobenzene (Surr)	85		70 - 130				08/15/25 15:06	08/16/25 17:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/16/25 17:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/20/25 04:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/15/25 16:01	08/20/25 04:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/15/25 16:01	08/20/25 04:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/15/25 16:01	08/20/25 04:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	74		70 - 130				08/15/25 16:01	08/20/25 04:56	1
o-Terphenyl (Surr)	74		70 - 130				08/15/25 16:01	08/20/25 04:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			08/18/25 14:14	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61546-1
SDG: Eddy County NM

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

Lab Sample ID: 880-61546-5

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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		08/15/25 15:06	08/16/25 17:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 17:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 17:32	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/15/25 15:06	08/16/25 17:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 17:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/15/25 15:06	08/16/25 17:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/15/25 15:06	08/16/25 17:32	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/15/25 15:06	08/16/25 17:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/16/25 17:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/20/25 05:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/15/25 16:01	08/20/25 05:12	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/15/25 16:01	08/20/25 05:12	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/15/25 16:01	08/20/25 05:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	74		70 - 130	08/15/25 16:01	08/20/25 05:12	1
o-Terphenyl (Surr)	72		70 - 130	08/15/25 16:01	08/20/25 05:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			08/18/25 14:22	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61546-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-61546-1	H-1 (0-1')	119	89
880-61546-2	H-2 (0-1')	115	87
880-61546-3	H-3 (0-1')	113	88
880-61546-4	H-4 (0-1')	114	85
880-61546-5	H-5 (0-1')	107	88
880-61548-A-1-A MS	Matrix Spike	114	89
880-61548-A-1-B MSD	Matrix Spike Duplicate	115	91
LCS 880-116800/1-A	Lab Control Sample	109	93
LCSD 880-116800/2-A	Lab Control Sample Dup	113	89
MB 880-116734/39	Method Blank	112	80
MB 880-116800/5-A	Method Blank	115	81
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)
880-61541-A-1-H MS	Matrix Spike	88	78
880-61541-A-1-I MSD	Matrix Spike Duplicate	73	78
880-61546-1	H-1 (0-1')	75	75
880-61546-2	H-2 (0-1')	77	75
880-61546-3	H-3 (0-1')	75	74
880-61546-4	H-4 (0-1')	74	74
880-61546-5	H-5 (0-1')	74	72
LCS 880-116813/2-A	Lab Control Sample	80	91
LCSD 880-116813/3-A	Lab Control Sample Dup	99	90
MB 880-116813/1-A	Method Blank	78	81
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61546-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-116734/39

Matrix: Solid

Analysis Batch: 116734

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			08/15/25 22:31	1
Toluene	<0.00200	U	0.00200		mg/Kg			08/15/25 22:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			08/15/25 22:31	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg			08/15/25 22:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			08/15/25 22:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			08/15/25 22:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130		08/15/25 22:31	1
1,4-Difluorobenzene (Surr)	80		70 - 130		08/15/25 22:31	1

Lab Sample ID: MB 880-116800/5-A

Matrix: Solid

Analysis Batch: 116734

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 09:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 09:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 09:28	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/15/25 15:06	08/16/25 09:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/15/25 15:06	08/16/25 09:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/15/25 15:06	08/16/25 09:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	08/15/25 15:06	08/16/25 09:28	1
1,4-Difluorobenzene (Surr)	81		70 - 130	08/15/25 15:06	08/16/25 09:28	1

Lab Sample ID: LCS 880-116800/1-A

Matrix: Solid

Analysis Batch: 116734

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1105		mg/Kg		111	70 - 130
Toluene	0.100	0.09807		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1084		mg/Kg		108	70 - 130
m,p-Xylenes	0.200	0.2089		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1053		mg/Kg		105	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 880-116800/2-A

Matrix: Solid

Analysis Batch: 116734

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 116800

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1067		mg/Kg		107	70 - 130	4	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61546-1
SDG: Eddy County NM

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

Lab Sample ID: LCSD 880-116800/2-A

Matrix: Solid

Analysis Batch: 116734

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 116800

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1015		mg/Kg		101	70 - 130	3	35
Ethylbenzene	0.100	0.1144		mg/Kg		114	70 - 130	5	35
m,p-Xylenes	0.200	0.2233		mg/Kg		112	70 - 130	7	35
o-Xylene	0.100	0.1122		mg/Kg		112	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-61548-A-1-A MS

Matrix: Solid

Analysis Batch: 116734

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 116800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.06961		mg/Kg		70	70 - 130
Toluene	<0.00200	U F1	0.100	0.06194	F1	mg/Kg		62	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.06740	F1	mg/Kg		67	70 - 130
m,p-Xylenes	<0.00400	U F1	0.200	0.1298	F1	mg/Kg		65	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06433	F1	mg/Kg		64	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-61548-A-1-B MSD

Matrix: Solid

Analysis Batch: 116734

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 116800

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	0.08533		mg/Kg		85	70 - 130	20	35
Toluene	<0.00200	U F1	0.100	0.08124		mg/Kg		81	70 - 130	27	35
Ethylbenzene	<0.00200	U F1	0.100	0.08664		mg/Kg		87	70 - 130	25	35
m,p-Xylenes	<0.00400	U F1	0.200	0.1661		mg/Kg		83	70 - 130	24	35
o-Xylene	<0.00200	U F1	0.100	0.08281		mg/Kg		83	70 - 130	25	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

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

Lab Sample ID: MB 880-116813/1-A

Matrix: Solid

Analysis Batch: 117014

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116813

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		08/15/25 15:59	08/19/25 23:47	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61546-1
SDG: Eddy County NM

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

Lab Sample ID: MB 880-116813/1-A

Matrix: Solid

Analysis Batch: 117014

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116813

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/15/25 15:59	08/19/25 23:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/15/25 15:59	08/19/25 23:47	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130				08/15/25 15:59	08/19/25 23:47	1
o-Terphenyl (Surr)	81		70 - 130				08/15/25 15:59	08/19/25 23:47	1

Lab Sample ID: LCS 880-116813/2-A

Matrix: Solid

Analysis Batch: 117014

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116813

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1137		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1175		mg/Kg		118	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	80		70 - 130				
o-Terphenyl (Surr)	91		70 - 130				

Lab Sample ID: LCSD 880-116813/3-A

Matrix: Solid

Analysis Batch: 117014

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 116813

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1127		mg/Kg		113	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1104		mg/Kg		110	70 - 130	6	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	99		70 - 130						
o-Terphenyl (Surr)	90		70 - 130						

Lab Sample ID: 880-61541-A-1-H MS

Matrix: Solid

Analysis Batch: 117014

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 116813

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	1000	866.2		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U	1000	921.4		mg/Kg		89	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	88		70 - 130						
o-Terphenyl (Surr)	78		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61546-1
SDG: Eddy County NM

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

Lab Sample ID: 880-61541-A-1-I MSD

Matrix: Solid

Analysis Batch: 117014

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 116813

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	<49.7	U	1000	879.8		mg/Kg		88	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.7	U	1000	968.3		mg/Kg		93	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	73		70 - 130								
o-Terphenyl (Surr)	78		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116812/1-A

Matrix: Solid

Analysis Batch: 116878

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			08/18/25 12:43	1

Lab Sample ID: LCS 880-116812/2-A

Matrix: Solid

Analysis Batch: 116878

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	236.8		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-116812/3-A

Matrix: Solid

Analysis Batch: 116878

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	1	20

Lab Sample ID: 880-61547-A-4-C MS

Matrix: Solid

Analysis Batch: 116878

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	<10.0	U	251	269.4		mg/Kg		103	90 - 110

Lab Sample ID: 880-61547-A-4-D MSD

Matrix: Solid

Analysis Batch: 116878

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	<10.0	U	251	263.8		mg/Kg		101	90 - 110	2	20

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QC Association Summary

Client: Carmona Resources

Job ID: 880-61546-1

Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

SDG: Eddy County NM

GC VOA

Analysis Batch: 116734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61546-1	H-1 (0-1')	Total/NA	Solid	8021B	116800
880-61546-2	H-2 (0-1')	Total/NA	Solid	8021B	116800
880-61546-3	H-3 (0-1')	Total/NA	Solid	8021B	116800
880-61546-4	H-4 (0-1')	Total/NA	Solid	8021B	116800
880-61546-5	H-5 (0-1')	Total/NA	Solid	8021B	116800
MB 880-116734/39	Method Blank	Total/NA	Solid	8021B	
MB 880-116800/5-A	Method Blank	Total/NA	Solid	8021B	116800
LCS 880-116800/1-A	Lab Control Sample	Total/NA	Solid	8021B	116800
LCSD 880-116800/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	116800
880-61548-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	116800
880-61548-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	116800

Prep Batch: 116800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61546-1	H-1 (0-1')	Total/NA	Solid	5035	
880-61546-2	H-2 (0-1')	Total/NA	Solid	5035	
880-61546-3	H-3 (0-1')	Total/NA	Solid	5035	
880-61546-4	H-4 (0-1')	Total/NA	Solid	5035	
880-61546-5	H-5 (0-1')	Total/NA	Solid	5035	
MB 880-116800/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-116800/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-116800/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-61548-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-61548-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 116979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61546-1	H-1 (0-1')	Total/NA	Solid	Total BTEX	
880-61546-2	H-2 (0-1')	Total/NA	Solid	Total BTEX	
880-61546-3	H-3 (0-1')	Total/NA	Solid	Total BTEX	
880-61546-4	H-4 (0-1')	Total/NA	Solid	Total BTEX	
880-61546-5	H-5 (0-1')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 116813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61546-1	H-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-61546-2	H-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-61546-3	H-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-61546-4	H-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-61546-5	H-5 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-116813/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116813/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116813/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61541-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-61541-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 117014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61546-1	H-1 (0-1')	Total/NA	Solid	8015B NM	116813

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61546-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Analysis Batch: 117014 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61546-2	H-2 (0-1')	Total/NA	Solid	8015B NM	116813
880-61546-3	H-3 (0-1')	Total/NA	Solid	8015B NM	116813
880-61546-4	H-4 (0-1')	Total/NA	Solid	8015B NM	116813
880-61546-5	H-5 (0-1')	Total/NA	Solid	8015B NM	116813
MB 880-116813/1-A	Method Blank	Total/NA	Solid	8015B NM	116813
LCS 880-116813/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116813
LCSD 880-116813/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116813
880-61541-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	116813
880-61541-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	116813

Analysis Batch: 117149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61546-1	H-1 (0-1')	Total/NA	Solid	8015 NM	
880-61546-2	H-2 (0-1')	Total/NA	Solid	8015 NM	
880-61546-3	H-3 (0-1')	Total/NA	Solid	8015 NM	
880-61546-4	H-4 (0-1')	Total/NA	Solid	8015 NM	
880-61546-5	H-5 (0-1')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61546-1	H-1 (0-1')	Soluble	Solid	DI Leach	
880-61546-2	H-2 (0-1')	Soluble	Solid	DI Leach	
880-61546-3	H-3 (0-1')	Soluble	Solid	DI Leach	
880-61546-4	H-4 (0-1')	Soluble	Solid	DI Leach	
880-61546-5	H-5 (0-1')	Soluble	Solid	DI Leach	
MB 880-116812/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116812/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116812/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61547-A-4-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-61547-A-4-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 116878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61546-1	H-1 (0-1')	Soluble	Solid	300.0	116812
880-61546-2	H-2 (0-1')	Soluble	Solid	300.0	116812
880-61546-3	H-3 (0-1')	Soluble	Solid	300.0	116812
880-61546-4	H-4 (0-1')	Soluble	Solid	300.0	116812
880-61546-5	H-5 (0-1')	Soluble	Solid	300.0	116812
MB 880-116812/1-A	Method Blank	Soluble	Solid	300.0	116812
LCS 880-116812/2-A	Lab Control Sample	Soluble	Solid	300.0	116812
LCSD 880-116812/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116812
880-61547-A-4-C MS	Matrix Spike	Soluble	Solid	300.0	116812
880-61547-A-4-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	116812

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61546-1
SDG: Eddy County NM

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

Lab Sample ID: 880-61546-1

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

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	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 16:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116979	08/16/25 16:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			117149	08/20/25 04:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	116813	08/15/25 16:01	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117014	08/20/25 04:09	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116812	08/15/25 15:56	SA	EET MID
Soluble	Analysis	300.0		1			116878	08/18/25 13:36	CS	EET MID

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

Lab Sample ID: 880-61546-2

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 16:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116979	08/16/25 16:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			117149	08/20/25 04:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116813	08/15/25 16:01	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117014	08/20/25 04:25	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116812	08/15/25 15:56	SA	EET MID
Soluble	Analysis	300.0		1			116878	08/18/25 13:44	CS	EET MID

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

Lab Sample ID: 880-61546-3

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

Prep 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	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 16:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116979	08/16/25 16:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			117149	08/20/25 04:41	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	116813	08/15/25 16:01	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117014	08/20/25 04:41	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	116812	08/15/25 15:56	SA	EET MID
Soluble	Analysis	300.0		1			116878	08/18/25 13:51	CS	EET MID

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

Lab Sample ID: 880-61546-4

Date Collected: 08/14/25 00:00

Matrix: Solid

Date Received: 08/15/25 14:43

Prep 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	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 17:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116979	08/16/25 17:11	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61546-1
SDG: Eddy County NM

Client Sample ID: H-4 (0-1')
Date Collected: 08/14/25 00:00
Date Received: 08/15/25 14:43

Lab Sample ID: 880-61546-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117149	08/20/25 04:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116813	08/15/25 16:01	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117014	08/20/25 04:56	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	116812	08/15/25 15:56	SA	EET MID
Soluble	Analysis	300.0		1			116878	08/18/25 14:14	CS	EET MID

Client Sample ID: H-5 (0-1')
Date Collected: 08/14/25 00:00
Date Received: 08/15/25 14:43

Lab Sample ID: 880-61546-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	116800	08/15/25 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116734	08/16/25 17:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116979	08/16/25 17:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			117149	08/20/25 05:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	116813	08/15/25 16:01	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117014	08/20/25 05:12	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	116812	08/15/25 15:56	SA	EET MID
Soluble	Analysis	300.0		1			116878	08/18/25 14:22	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: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61546-1
SDG: Eddy County NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
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: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61546-1
SDG: Eddy County NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H (05.17.25)

Job ID: 880-61546-1
SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-61546-1	H-1 (0-1')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61546-2	H-2 (0-1')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61546-3	H-3 (0-1')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61546-4	H-4 (0-1')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico
880-61546-5	H-5 (0-1')	Solid	08/14/25 00:00	08/15/25 14:43	New Mexico

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Chain of Custody



880-61546 Chain of Custody

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Camrona Resources
Company Name:	Camrona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	imcamrona@camronaresources.com

Work Order Comments	
Program: UST/PT ☐ PRP ☐ brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other: _____	

[illegible]

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Cell Manager</i>	8-15-25	<i>[Signature]</i>	8.15.25 1443

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-61546-1

SDG Number: Eddy County NM

Login Number: 61546

List Number: 1

Creator: Kramer, Jessica

List Source: Eurofins Midland

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



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/7/2025 11:39:13 AM

JOB DESCRIPTION

Copperhead 31 Fed Com 3H
Eddy Co, Tx

JOB NUMBER

880-63341-1

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
10/7/2025 11:39:13 AM

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

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Laboratory Job ID: 880-63341-1
SDG: Eddy Co, Tx

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1

Job ID: 880-63341-1

Eurofins Midland

Job Narrative 880-63341-1

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 10/1/2025 4:49 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.3°C.

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside the upper control limit: CS-46 (4') (880-63341-46), CS-49 (4') (880-63341-49) and SW-6 (4') (880-63341-56). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-120162 and 880-120291 and analytical batch 880-120265 was outside the upper control limits.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-120289 and analytical batch 880-120263 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: Surrogate recovery for the following sample was outside control limits: (LCSD 880-120289/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-120408 and analytical batch 880-120402 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 surrogate recovery for the blank associated with preparation batch 880-120408 and analytical batch 880-120402 was outside the upper control limits.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-120457 and analytical batch 880-120472 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 sample was outside control limits: CS-17 (4') (880-63341-17). 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 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-4 (4') (880-63341-4), CS-6 (4') (880-63341-6) and CS-18 (4') (880-63341-18). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-120267/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1

Job ID: 880-63341-1 (Continued)

Eurofins Midland

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-120267 and analytical batch 880-120440 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-120404 and analytical batch 880-120510 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

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: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-1 (4')

Lab Sample ID: 880-63341-1

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:25	10/02/25 16:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:25	10/02/25 16:06	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		10/02/25 09:25	10/02/25 16:06	1
m,p-Xylenes	<0.00398	U *	0.00398		mg/Kg		10/02/25 09:25	10/02/25 16:06	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		10/02/25 09:25	10/02/25 16:06	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		10/02/25 09:25	10/02/25 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				10/02/25 09:25	10/02/25 16:06	1
1,4-Difluorobenzene (Surr)	95		70 - 130				10/02/25 09:25	10/02/25 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			10/02/25 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	<49.8	U	49.8		mg/Kg			10/02/25 11:16	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		10/02/25 08:05	10/02/25 11:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/02/25 08:05	10/02/25 11:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/02/25 08:05	10/02/25 11:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130				10/02/25 08:05	10/02/25 11:16	1
o-Terphenyl (Surr)	102		70 - 130				10/02/25 08:05	10/02/25 11:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	310		9.96		mg/Kg			10/02/25 17:51	1

Client Sample ID: CS-2 (4')

Lab Sample ID: 880-63341-2

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:25	10/02/25 16:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/02/25 09:25	10/02/25 16:27	1
Ethylbenzene	<0.00202	U *	0.00202		mg/Kg		10/02/25 09:25	10/02/25 16:27	1
m,p-Xylenes	<0.00403	U *	0.00403		mg/Kg		10/02/25 09:25	10/02/25 16:27	1
o-Xylene	<0.00202	U *	0.00202		mg/Kg		10/02/25 09:25	10/02/25 16:27	1
Xylenes, Total	<0.00403	U *	0.00403		mg/Kg		10/02/25 09:25	10/02/25 16:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				10/02/25 09:25	10/02/25 16:27	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/02/25 09:25	10/02/25 16:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-2 (4')

Lab Sample ID: 880-63341-2

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/02/25 16:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/02/25 11:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/02/25 08:05	10/02/25 11:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/02/25 08:05	10/02/25 11:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/02/25 08:05	10/02/25 11:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				10/02/25 08:05	10/02/25 11:30	1
o-Terphenyl (Surr)	108		70 - 130				10/02/25 08:05	10/02/25 11:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	378		10.1		mg/Kg			10/02/25 18:09	1

Client Sample ID: CS-3 (4')

Lab Sample ID: 880-63341-3

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:25	10/02/25 16:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:25	10/02/25 16:50	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		10/02/25 09:25	10/02/25 16:50	1
m,p-Xylenes	<0.00399	U *	0.00399		mg/Kg		10/02/25 09:25	10/02/25 16:50	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		10/02/25 09:25	10/02/25 16:50	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		10/02/25 09:25	10/02/25 16:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				10/02/25 09:25	10/02/25 16:50	1
1,4-Difluorobenzene (Surr)	95		70 - 130				10/02/25 09:25	10/02/25 16:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/02/25 16:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/02/25 11:45	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		10/02/25 08:05	10/02/25 11:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 11:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-3 (4')

Lab Sample ID: 880-63341-3

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 08:05	10/02/25 11:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130				10/02/25 08:05	10/02/25 11:45	1
o-Terphenyl (Surr)	107		70 - 130				10/02/25 08:05	10/02/25 11:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		10.1		mg/Kg			10/02/25 18:15	1

Client Sample ID: CS-4 (4')

Lab Sample ID: 880-63341-4

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:25	10/02/25 17:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/02/25 09:25	10/02/25 17:09	1
Ethylbenzene	<0.00202	U *	0.00202		mg/Kg		10/02/25 09:25	10/02/25 17:09	1
m,p-Xylenes	<0.00404	U *	0.00404		mg/Kg		10/02/25 09:25	10/02/25 17:09	1
o-Xylene	<0.00202	U *	0.00202		mg/Kg		10/02/25 09:25	10/02/25 17:09	1
Xylenes, Total	<0.00404	U *	0.00404		mg/Kg		10/02/25 09:25	10/02/25 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				10/02/25 09:25	10/02/25 17:09	1
1,4-Difluorobenzene (Surr)	97		70 - 130				10/02/25 09:25	10/02/25 17:09	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			10/02/25 17:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	363		49.9		mg/Kg			10/02/25 14:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/02/25 08:05	10/02/25 14:20	1
Diesel Range Organics (Over C10-C28)	363		49.9		mg/Kg		10/02/25 08:05	10/02/25 14:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/02/25 08:05	10/02/25 14:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	65	S1-	70 - 130				10/02/25 08:05	10/02/25 14:20	1
o-Terphenyl (Surr)	207	S1+	70 - 130				10/02/25 08:05	10/02/25 14:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	263		10.1		mg/Kg			10/02/25 18:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-5 (4')

Lab Sample ID: 880-63341-5

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:25	10/02/25 19:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:25	10/02/25 19:16	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		10/02/25 09:25	10/02/25 19:16	1
m,p-Xylenes	<0.00401	U *	0.00401		mg/Kg		10/02/25 09:25	10/02/25 19:16	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		10/02/25 09:25	10/02/25 19:16	1
Xylenes, Total	<0.00401	U *	0.00401		mg/Kg		10/02/25 09:25	10/02/25 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				10/02/25 09:25	10/02/25 19:16	1
1,4-Difluorobenzene (Surr)	81		70 - 130				10/02/25 09:25	10/02/25 19:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/02/25 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			10/02/25 14:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 14:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 14:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 14:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130				10/02/25 08:05	10/02/25 14:34	1
o-Terphenyl (Surr)	103		70 - 130				10/02/25 08:05	10/02/25 14:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		10.0		mg/Kg			10/02/25 18:27	1

Client Sample ID: CS-6 (4')

Lab Sample ID: 880-63341-6

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/03/25 09:11	10/03/25 13:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/03/25 09:11	10/03/25 13:34	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		10/03/25 09:11	10/03/25 13:34	1
m,p-Xylenes	<0.00398	U *	0.00398		mg/Kg		10/03/25 09:11	10/03/25 13:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/03/25 09:11	10/03/25 13:34	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		10/03/25 09:11	10/03/25 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				10/03/25 09:11	10/03/25 13:34	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/03/25 09:11	10/03/25 13:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-6 (4')

Lab Sample ID: 880-63341-6

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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			10/03/25 13:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/02/25 14:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/02/25 08:05	10/02/25 14:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/02/25 08:05	10/02/25 14:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/02/25 08:05	10/02/25 14:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	69	S1-	70 - 130				10/02/25 08:05	10/02/25 14:48	1
o-Terphenyl (Surr)	93		70 - 130				10/02/25 08:05	10/02/25 14:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		9.90		mg/Kg			10/02/25 18:44	1

Client Sample ID: CS-7 (4')

Lab Sample ID: 880-63341-7

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/03/25 11:48	10/03/25 20:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/03/25 11:48	10/03/25 20:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/03/25 11:48	10/03/25 20:21	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/03/25 11:48	10/03/25 20:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/03/25 11:48	10/03/25 20:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/03/25 11:48	10/03/25 20:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				10/03/25 11:48	10/03/25 20:21	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/03/25 11:48	10/03/25 20:21	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			10/03/25 20:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/02/25 15:03	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		10/02/25 08:05	10/02/25 15:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/02/25 08:05	10/02/25 15:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-7 (4')

Lab Sample ID: 880-63341-7

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 08:05	10/02/25 15:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	70		70 - 130				10/02/25 08:05	10/02/25 15:03	1
o-Terphenyl (Surr)	94		70 - 130				10/02/25 08:05	10/02/25 15:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	169		10.1		mg/Kg			10/02/25 18:50	1

Client Sample ID: CS-8 (4')

Lab Sample ID: 880-63341-8

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/03/25 11:48	10/03/25 20:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/03/25 11:48	10/03/25 20:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/03/25 11:48	10/03/25 20:42	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/03/25 11:48	10/03/25 20:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/03/25 11:48	10/03/25 20:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/03/25 11:48	10/03/25 20:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				10/03/25 11:48	10/03/25 20:42	1
1,4-Difluorobenzene (Surr)	87		70 - 130				10/03/25 11:48	10/03/25 20:42	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			10/03/25 20:42	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			10/02/25 15:17	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		10/02/25 08:05	10/02/25 15:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 15:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130				10/02/25 08:05	10/02/25 15:17	1
o-Terphenyl (Surr)	110		70 - 130				10/02/25 08:05	10/02/25 15:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	168		10.1		mg/Kg			10/02/25 21:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-9 (4')

Lab Sample ID: 880-63341-9

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/03/25 09:11	10/03/25 16:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/03/25 09:11	10/03/25 16:59	1
Ethylbenzene	<0.00202	U *	0.00202		mg/Kg		10/03/25 09:11	10/03/25 16:59	1
m,p-Xylenes	<0.00404	U *	0.00404		mg/Kg		10/03/25 09:11	10/03/25 16:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/03/25 09:11	10/03/25 16:59	1
Xylenes, Total	<0.00404	U *	0.00404		mg/Kg		10/03/25 09:11	10/03/25 16:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				10/03/25 09:11	10/03/25 16:59	1
1,4-Difluorobenzene (Surr)	93		70 - 130				10/03/25 09:11	10/03/25 16:59	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			10/03/25 16:59	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			10/02/25 18:17	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	<49.8	U	49.8		mg/Kg		10/02/25 08:05	10/02/25 18:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/02/25 08:05	10/02/25 18:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/02/25 08:05	10/02/25 18:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130				10/02/25 08:05	10/02/25 18:17	1
o-Terphenyl (Surr)	108		70 - 130				10/02/25 08:05	10/02/25 18:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	450		9.90		mg/Kg			10/02/25 21:59	1

Client Sample ID: CS-10 (4')

Lab Sample ID: 880-63341-10

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/03/25 09:11	10/03/25 17:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/03/25 09:11	10/03/25 17:19	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		10/03/25 09:11	10/03/25 17:19	1
m,p-Xylenes	<0.00401	U *	0.00401		mg/Kg		10/03/25 09:11	10/03/25 17:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/03/25 09:11	10/03/25 17:19	1
Xylenes, Total	<0.00401	U *	0.00401		mg/Kg		10/03/25 09:11	10/03/25 17:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				10/03/25 09:11	10/03/25 17:19	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/03/25 09:11	10/03/25 17:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-10 (4')

Lab Sample ID: 880-63341-10

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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			10/03/25 17:19	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			10/02/25 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		10/02/25 08:05	10/02/25 18:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 18:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130				10/02/25 08:05	10/02/25 18:32	1
o-Terphenyl (Surr)	101		70 - 130				10/02/25 08:05	10/02/25 18:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	168		10.1		mg/Kg			10/02/25 19:00	1

Client Sample ID: CS-11 (4')

Lab Sample ID: 880-63341-11

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/03/25 09:11	10/03/25 19:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/03/25 09:11	10/03/25 19:10	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		10/03/25 09:11	10/03/25 19:10	1
m,p-Xylenes	<0.00399	U *	0.00399		mg/Kg		10/03/25 09:11	10/03/25 19:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/03/25 09:11	10/03/25 19:10	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		10/03/25 09:11	10/03/25 19:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				10/03/25 09:11	10/03/25 19:10	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/03/25 09:11	10/03/25 19:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/03/25 19:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/02/25 18:46	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		10/02/25 08:05	10/02/25 18:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/02/25 08:05	10/02/25 18:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-11 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-11

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/02/25 08:05	10/02/25 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130				10/02/25 08:05	10/02/25 18:46	1
o-Terphenyl (Surr)	104		70 - 130				10/02/25 08:05	10/02/25 18:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	188		10.1		mg/Kg			10/02/25 19:05	1

Client Sample ID: CS-12 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-12

Matrix: Solid

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		10/03/25 09:11	10/03/25 19:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/03/25 09:11	10/03/25 19:31	1
Ethylbenzene	<0.00202	U *	0.00202		mg/Kg		10/03/25 09:11	10/03/25 19:31	1
m,p-Xylenes	<0.00404	U *	0.00404		mg/Kg		10/03/25 09:11	10/03/25 19:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/03/25 09:11	10/03/25 19:31	1
Xylenes, Total	<0.00404	U *	0.00404		mg/Kg		10/03/25 09:11	10/03/25 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				10/03/25 09:11	10/03/25 19:31	1
1,4-Difluorobenzene (Surr)	105		70 - 130				10/03/25 09:11	10/03/25 19:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/03/25 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/02/25 19:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/02/25 08:05	10/02/25 19:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/02/25 08:05	10/02/25 19:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/02/25 08:05	10/02/25 19:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130				10/02/25 08:05	10/02/25 19:00	1
o-Terphenyl (Surr)	106		70 - 130				10/02/25 08:05	10/02/25 19:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	178		9.90		mg/Kg			10/02/25 19:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-13 (4')

Lab Sample ID: 880-63341-13

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/03/25 09:11	10/03/25 19:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/03/25 09:11	10/03/25 19:51	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		10/03/25 09:11	10/03/25 19:51	1
m,p-Xylenes	<0.00400	U *	0.00400		mg/Kg		10/03/25 09:11	10/03/25 19:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/03/25 09:11	10/03/25 19:51	1
Xylenes, Total	<0.00400	U *	0.00400		mg/Kg		10/03/25 09:11	10/03/25 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				10/03/25 09:11	10/03/25 19:51	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/03/25 09:11	10/03/25 19:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/03/25 19:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/02/25 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	<49.9	U	49.9		mg/Kg		10/02/25 08:05	10/02/25 19:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/02/25 08:05	10/02/25 19:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/02/25 08:05	10/02/25 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130				10/02/25 08:05	10/02/25 19:15	1
o-Terphenyl (Surr)	106		70 - 130				10/02/25 08:05	10/02/25 19:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	191		10.1		mg/Kg			10/02/25 19:29	1

Client Sample ID: CS-14 (4')

Lab Sample ID: 880-63341-14

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/03/25 09:11	10/03/25 20:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/03/25 09:11	10/03/25 20:11	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		10/03/25 09:11	10/03/25 20:11	1
m,p-Xylenes	<0.00398	U *	0.00398		mg/Kg		10/03/25 09:11	10/03/25 20:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/03/25 09:11	10/03/25 20:11	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		10/03/25 09:11	10/03/25 20:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				10/03/25 09:11	10/03/25 20:11	1
1,4-Difluorobenzene (Surr)	105		70 - 130				10/03/25 09:11	10/03/25 20:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-14 (4')

Lab Sample ID: 880-63341-14

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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			10/03/25 20:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/02/25 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	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 19:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 19:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 19:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130				10/02/25 08:05	10/02/25 19:29	1
o-Terphenyl (Surr)	105		70 - 130				10/02/25 08:05	10/02/25 19:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	212		9.98		mg/Kg			10/02/25 22:05	1

Client Sample ID: CS-15 (4')

Lab Sample ID: 880-63341-15

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/03/25 09:11	10/03/25 20:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/03/25 09:11	10/03/25 20:32	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		10/03/25 09:11	10/03/25 20:32	1
m,p-Xylenes	<0.00399	U *	0.00399		mg/Kg		10/03/25 09:11	10/03/25 20:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/03/25 09:11	10/03/25 20:32	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		10/03/25 09:11	10/03/25 20:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				10/03/25 09:11	10/03/25 20:32	1
1,4-Difluorobenzene (Surr)	104		70 - 130				10/03/25 09:11	10/03/25 20:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/03/25 20:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/02/25 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	<49.9	U	49.9		mg/Kg		10/02/25 08:05	10/02/25 19:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/02/25 08:05	10/02/25 19:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-15 (4')

Lab Sample ID: 880-63341-15

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 08:05	10/02/25 19:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130				10/02/25 08:05	10/02/25 19:43	1
o-Terphenyl (Surr)	109		70 - 130				10/02/25 08:05	10/02/25 19:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		9.96		mg/Kg			10/02/25 19:48	1

Client Sample ID: CS-16 (4')

Lab Sample ID: 880-63341-16

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/03/25 09:11	10/03/25 20:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/03/25 09:11	10/03/25 20:52	1
Ethylbenzene	<0.00201	U *	0.00201		mg/Kg		10/03/25 09:11	10/03/25 20:52	1
m,p-Xylenes	<0.00402	U *	0.00402		mg/Kg		10/03/25 09:11	10/03/25 20:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/03/25 09:11	10/03/25 20:52	1
Xylenes, Total	<0.00402	U *	0.00402		mg/Kg		10/03/25 09:11	10/03/25 20:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				10/03/25 09:11	10/03/25 20:52	1
1,4-Difluorobenzene (Surr)	104		70 - 130				10/03/25 09:11	10/03/25 20:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/03/25 20:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/02/25 19:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 19:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 19:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 19:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130				10/02/25 08:05	10/02/25 19:58	1
o-Terphenyl (Surr)	106		70 - 130				10/02/25 08:05	10/02/25 19:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	514		10.1		mg/Kg			10/02/25 19:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-17 (4')

Lab Sample ID: 880-63341-17

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/03/25 09:11	10/03/25 21:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/03/25 09:11	10/03/25 21:13	1
Ethylbenzene	<0.00198	U *	0.00198		mg/Kg		10/03/25 09:11	10/03/25 21:13	1
m,p-Xylenes	<0.00397	U *	0.00397		mg/Kg		10/03/25 09:11	10/03/25 21:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/03/25 09:11	10/03/25 21:13	1
Xylenes, Total	<0.00397	U *	0.00397		mg/Kg		10/03/25 09:11	10/03/25 21:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				10/03/25 09:11	10/03/25 21:13	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/03/25 09:11	10/03/25 21:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/03/25 21:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/02/25 20:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/02/25 08:05	10/02/25 20:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/02/25 08:05	10/02/25 20:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/02/25 08:05	10/02/25 20:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130				10/02/25 08:05	10/02/25 20:12	1
o-Terphenyl (Surr)	102		70 - 130				10/02/25 08:05	10/02/25 20:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	209		10.0		mg/Kg			10/02/25 22:11	1

Client Sample ID: CS-18 (4')

Lab Sample ID: 880-63341-18

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/03/25 09:11	10/03/25 21:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/03/25 09:11	10/03/25 21:33	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		10/03/25 09:11	10/03/25 21:33	1
m,p-Xylenes	<0.00398	U *	0.00398		mg/Kg		10/03/25 09:11	10/03/25 21:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/03/25 09:11	10/03/25 21:33	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		10/03/25 09:11	10/03/25 21:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				10/03/25 09:11	10/03/25 21:33	1
1,4-Difluorobenzene (Surr)	117		70 - 130				10/03/25 09:11	10/03/25 21:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-18 (4')

Lab Sample ID: 880-63341-18

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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			10/03/25 21:33	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			10/02/25 20:27	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		10/02/25 08:05	10/02/25 20:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 20:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 20:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	66	S1-	70 - 130				10/02/25 08:05	10/02/25 20:27	1
o-Terphenyl (Surr)	89		70 - 130				10/02/25 08:05	10/02/25 20:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	387		9.96		mg/Kg			10/02/25 20:02	1

Client Sample ID: CS-19 (4')

Lab Sample ID: 880-63341-19

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/03/25 09:11	10/03/25 21:54	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/03/25 09:11	10/03/25 21:54	1
Ethylbenzene	<0.00198	U *-	0.00198		mg/Kg		10/03/25 09:11	10/03/25 21:54	1
m,p-Xylenes	<0.00396	U *-	0.00396		mg/Kg		10/03/25 09:11	10/03/25 21:54	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/03/25 09:11	10/03/25 21:54	1
Xylenes, Total	<0.00396	U *-	0.00396		mg/Kg		10/03/25 09:11	10/03/25 21:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				10/03/25 09:11	10/03/25 21:54	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/03/25 09:11	10/03/25 21:54	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			10/03/25 21:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/02/25 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/02/25 08:07	10/02/25 11:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/02/25 08:07	10/02/25 11:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-19 (4')

Lab Sample ID: 880-63341-19

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 08:07	10/02/25 11:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130				10/02/25 08:07	10/02/25 11:16	1
o-Terphenyl (Surr)	91		70 - 130				10/02/25 08:07	10/02/25 11:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	421		10.0		mg/Kg			10/02/25 20:08	1

Client Sample ID: CS-20 (4')

Lab Sample ID: 880-63341-20

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/03/25 09:11	10/03/25 22:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/03/25 09:11	10/03/25 22:14	1
Ethylbenzene	<0.00201	U *	0.00201		mg/Kg		10/03/25 09:11	10/03/25 22:14	1
m,p-Xylenes	<0.00402	U *	0.00402		mg/Kg		10/03/25 09:11	10/03/25 22:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/03/25 09:11	10/03/25 22:14	1
Xylenes, Total	<0.00402	U *	0.00402		mg/Kg		10/03/25 09:11	10/03/25 22:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				10/03/25 09:11	10/03/25 22:14	1
1,4-Difluorobenzene (Surr)	109		70 - 130				10/03/25 09:11	10/03/25 22:14	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			10/03/25 22:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/02/25 11:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 11:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 11:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 11:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				10/02/25 08:07	10/02/25 11:30	1
o-Terphenyl (Surr)	90		70 - 130				10/02/25 08:07	10/02/25 11:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	179		9.96		mg/Kg			10/02/25 20:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-21 (4')

Lab Sample ID: 880-63341-21

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 11:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:33	10/02/25 11:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:33	10/02/25 11:59	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/02/25 09:33	10/02/25 11:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:33	10/02/25 11:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/25 09:33	10/02/25 11:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				10/02/25 09:33	10/02/25 11:59	1
1,4-Difluorobenzene (Surr)	109		70 - 130				10/02/25 09:33	10/02/25 11:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/02/25 11:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/02/25 11:45	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		10/02/25 08:07	10/02/25 11:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 11:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 11:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130				10/02/25 08:07	10/02/25 11:45	1
o-Terphenyl (Surr)	87		70 - 130				10/02/25 08:07	10/02/25 11:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		10.0		mg/Kg			10/02/25 15:22	1

Client Sample ID: CS-22 (4')

Lab Sample ID: 880-63341-22

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 12:19	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/02/25 09:33	10/02/25 12:19	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/02/25 09:33	10/02/25 12:19	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		10/02/25 09:33	10/02/25 12:19	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/02/25 09:33	10/02/25 12:19	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/02/25 09:33	10/02/25 12:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130				10/02/25 09:33	10/02/25 12:19	1
1,4-Difluorobenzene (Surr)	122		70 - 130				10/02/25 09:33	10/02/25 12:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-22 (4')

Lab Sample ID: 880-63341-22

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/02/25 12:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/02/25 11:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/02/25 08:07	10/02/25 11:59	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/02/25 08:07	10/02/25 11:59	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/02/25 08:07	10/02/25 11:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130				10/02/25 08:07	10/02/25 11:59	1
o-Terphenyl (Surr)	90		70 - 130				10/02/25 08:07	10/02/25 11:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	317		9.90		mg/Kg			10/02/25 15:38	1

Client Sample ID: CS-23 (4')

Lab Sample ID: 880-63341-23

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 13:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 13:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 13:08	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/02/25 09:33	10/02/25 13:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 13:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/02/25 09:33	10/02/25 13:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				10/02/25 09:33	10/02/25 13:08	1
1,4-Difluorobenzene (Surr)	102		70 - 130				10/02/25 09:33	10/02/25 13:08	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			10/02/25 13:08	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			10/02/25 12:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 12:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 12:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-23 (4')

Lab Sample ID: 880-63341-23

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 08:07	10/02/25 12:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130				10/02/25 08:07	10/02/25 12:14	1
o-Terphenyl (Surr)	91		70 - 130				10/02/25 08:07	10/02/25 12:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	133		10.1		mg/Kg			10/02/25 15:43	1

Client Sample ID: CS-24 (4')

Lab Sample ID: 880-63341-24

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 13:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/02/25 09:33	10/02/25 13:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/02/25 09:33	10/02/25 13:28	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/02/25 09:33	10/02/25 13:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/02/25 09:33	10/02/25 13:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/02/25 09:33	10/02/25 13:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				10/02/25 09:33	10/02/25 13:28	1
1,4-Difluorobenzene (Surr)	111		70 - 130				10/02/25 09:33	10/02/25 13:28	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			10/02/25 13:28	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			10/02/25 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/02/25 08:07	10/02/25 12:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/02/25 08:07	10/02/25 12:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/02/25 08:07	10/02/25 12:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				10/02/25 08:07	10/02/25 12:28	1
o-Terphenyl (Surr)	94		70 - 130				10/02/25 08:07	10/02/25 12:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.8		10.0		mg/Kg			10/02/25 15:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-25 (4')

Lab Sample ID: 880-63341-25

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 13:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 13:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 13:55	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		10/02/25 09:33	10/02/25 13:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 13:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/02/25 09:33	10/02/25 13:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				10/02/25 09:33	10/02/25 13:55	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/02/25 09:33	10/02/25 13:55	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			10/02/25 13:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/02/25 12:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/02/25 08:07	10/02/25 12:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/02/25 08:07	10/02/25 12:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/02/25 08:07	10/02/25 12:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130				10/02/25 08:07	10/02/25 12:42	1
o-Terphenyl (Surr)	94		70 - 130				10/02/25 08:07	10/02/25 12:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	181		9.98		mg/Kg			10/02/25 15:53	1

Client Sample ID: CS-26 (4')

Lab Sample ID: 880-63341-26

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 14:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:33	10/02/25 14:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:33	10/02/25 14:15	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/02/25 09:33	10/02/25 14:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:33	10/02/25 14:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/25 09:33	10/02/25 14:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				10/02/25 09:33	10/02/25 14:15	1
1,4-Difluorobenzene (Surr)	122		70 - 130				10/02/25 09:33	10/02/25 14:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-26 (4')

Lab Sample ID: 880-63341-26

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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			10/02/25 14:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/02/25 12:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/02/25 08:07	10/02/25 12:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/02/25 08:07	10/02/25 12:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/02/25 08:07	10/02/25 12:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130				10/02/25 08:07	10/02/25 12:56	1
o-Terphenyl (Surr)	91		70 - 130				10/02/25 08:07	10/02/25 12:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	279		10.1		mg/Kg			10/02/25 16:15	1

Client Sample ID: CS-27 (4')

Lab Sample ID: 880-63341-27

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 14:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 14:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 14:36	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/02/25 09:33	10/02/25 14:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 14:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/02/25 09:33	10/02/25 14:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				10/02/25 09:33	10/02/25 14:36	1
1,4-Difluorobenzene (Surr)	117		70 - 130				10/02/25 09:33	10/02/25 14:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/02/25 14:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/02/25 15:45	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		10/02/25 08:07	10/02/25 15:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/02/25 08:07	10/02/25 15:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-27 (4')

Lab Sample ID: 880-63341-27

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 08:07	10/02/25 15:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130				10/02/25 08:07	10/02/25 15:45	1
o-Terphenyl (Surr)	90		70 - 130				10/02/25 08:07	10/02/25 15:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		10.1		mg/Kg			10/02/25 16:23	1

Client Sample ID: CS-28 (4')

Lab Sample ID: 880-63341-28

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 14:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/02/25 09:33	10/02/25 14:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/02/25 09:33	10/02/25 14:56	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/02/25 09:33	10/02/25 14:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/02/25 09:33	10/02/25 14:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/02/25 09:33	10/02/25 14:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				10/02/25 09:33	10/02/25 14:56	1
1,4-Difluorobenzene (Surr)	118		70 - 130				10/02/25 09:33	10/02/25 14:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/02/25 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	<50.0	U	50.0		mg/Kg			10/02/25 16:00	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	50.0		mg/Kg		10/02/25 08:07	10/02/25 16:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 16:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 16:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				10/02/25 08:07	10/02/25 16:00	1
o-Terphenyl (Surr)	97		70 - 130				10/02/25 08:07	10/02/25 16:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		9.90		mg/Kg			10/02/25 16:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-29 (4')

Lab Sample ID: 880-63341-29

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 15:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/02/25 09:33	10/02/25 15:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/02/25 09:33	10/02/25 15:17	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/02/25 09:33	10/02/25 15:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/02/25 09:33	10/02/25 15:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/02/25 09:33	10/02/25 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				10/02/25 09:33	10/02/25 15:17	1
1,4-Difluorobenzene (Surr)	95		70 - 130				10/02/25 09:33	10/02/25 15:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/02/25 15:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/02/25 18:46	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		10/02/25 08:07	10/02/25 18:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/02/25 08:07	10/02/25 18:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/02/25 08:07	10/02/25 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130				10/02/25 08:07	10/02/25 18:46	1
o-Terphenyl (Surr)	95		70 - 130				10/02/25 08:07	10/02/25 18:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180		10.1		mg/Kg			10/02/25 16:34	1

Client Sample ID: CS-30 (4')

Lab Sample ID: 880-63341-30

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 15:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 15:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 15:37	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		10/02/25 09:33	10/02/25 15:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 15:37	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/02/25 09:33	10/02/25 15:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				10/02/25 09:33	10/02/25 15:37	1
1,4-Difluorobenzene (Surr)	119		70 - 130				10/02/25 09:33	10/02/25 15:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-30 (4')

Lab Sample ID: 880-63341-30

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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			10/02/25 15:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/02/25 19:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/02/25 08:07	10/02/25 19:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/02/25 08:07	10/02/25 19:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/02/25 08:07	10/02/25 19:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				10/02/25 08:07	10/02/25 19:00	1
o-Terphenyl (Surr)	91		70 - 130				10/02/25 08:07	10/02/25 19:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	156		9.96		mg/Kg			10/02/25 16:39	1

Client Sample ID: CS-31 (4')

Lab Sample ID: 880-63341-31

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 17:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 17:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 17:34	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/02/25 09:33	10/02/25 17:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 17:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/02/25 09:33	10/02/25 17:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				10/02/25 09:33	10/02/25 17:34	1
1,4-Difluorobenzene (Surr)	108		70 - 130				10/02/25 09:33	10/02/25 17:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/02/25 17:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/02/25 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	<49.9	U	49.9		mg/Kg		10/02/25 08:07	10/02/25 19:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/02/25 08:07	10/02/25 19:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-31 (4')

Lab Sample ID: 880-63341-31

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 08:07	10/02/25 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				10/02/25 08:07	10/02/25 19:15	1
o-Terphenyl (Surr)	98		70 - 130				10/02/25 08:07	10/02/25 19:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	166		10.0		mg/Kg			10/02/25 16:44	1

Client Sample ID: CS-32 (4')

Lab Sample ID: 880-63341-32

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 17:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:33	10/02/25 17:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:33	10/02/25 17:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/02/25 09:33	10/02/25 17:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:33	10/02/25 17:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/25 09:33	10/02/25 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				10/02/25 09:33	10/02/25 17:55	1
1,4-Difluorobenzene (Surr)	113		70 - 130				10/02/25 09:33	10/02/25 17:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/02/25 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/02/25 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	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 19:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 19:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 19:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130				10/02/25 08:07	10/02/25 19:29	1
o-Terphenyl (Surr)	93		70 - 130				10/02/25 08:07	10/02/25 19:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	161		9.90		mg/Kg			10/02/25 17:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-33 (4')

Lab Sample ID: 880-63341-33

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 18:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:33	10/02/25 18:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:33	10/02/25 18:15	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/02/25 09:33	10/02/25 18:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:33	10/02/25 18:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/25 09:33	10/02/25 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				10/02/25 09:33	10/02/25 18:15	1
1,4-Difluorobenzene (Surr)	114		70 - 130				10/02/25 09:33	10/02/25 18:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/02/25 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			10/02/25 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	<49.9	U	49.9		mg/Kg		10/02/25 08:07	10/02/25 19:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/02/25 08:07	10/02/25 19:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/02/25 08:07	10/02/25 19:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130				10/02/25 08:07	10/02/25 19:43	1
o-Terphenyl (Surr)	93		70 - 130				10/02/25 08:07	10/02/25 19:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	186		9.96		mg/Kg			10/02/25 17:05	1

Client Sample ID: CS-34 (4')

Lab Sample ID: 880-63341-34

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 18:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:33	10/02/25 18:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:33	10/02/25 18:36	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/02/25 09:33	10/02/25 18:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:33	10/02/25 18:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/25 09:33	10/02/25 18:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				10/02/25 09:33	10/02/25 18:36	1
1,4-Difluorobenzene (Surr)	93		70 - 130				10/02/25 09:33	10/02/25 18:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-34 (4')

Lab Sample ID: 880-63341-34

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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			10/02/25 18:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/02/25 19:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 19:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 19:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 19:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130				10/02/25 08:07	10/02/25 19:58	1
o-Terphenyl (Surr)	95		70 - 130				10/02/25 08:07	10/02/25 19:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		10.1		mg/Kg			10/02/25 17:21	1

Client Sample ID: CS-35 (4')

Lab Sample ID: 880-63341-35

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 18:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 18:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 18:56	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/02/25 09:33	10/02/25 18:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 18:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/02/25 09:33	10/02/25 18:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				10/02/25 09:33	10/02/25 18:56	1
1,4-Difluorobenzene (Surr)	116		70 - 130				10/02/25 09:33	10/02/25 18:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/02/25 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	<49.8	U	49.8		mg/Kg			10/02/25 20:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/02/25 08:07	10/02/25 20:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/02/25 08:07	10/02/25 20:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-35 (4')

Lab Sample ID: 880-63341-35

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 08:07	10/02/25 20:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130				10/02/25 08:07	10/02/25 20:12	1
o-Terphenyl (Surr)	91		70 - 130				10/02/25 08:07	10/02/25 20:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	227		10.1		mg/Kg			10/02/25 17:26	1

Client Sample ID: CS-36 (4')

Lab Sample ID: 880-63341-36

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 19:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/02/25 09:33	10/02/25 19:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/02/25 09:33	10/02/25 19:16	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/02/25 09:33	10/02/25 19:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/02/25 09:33	10/02/25 19:16	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/02/25 09:33	10/02/25 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				10/02/25 09:33	10/02/25 19:16	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/02/25 09:33	10/02/25 19:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/02/25 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			10/02/25 20:27	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		10/02/25 08:07	10/02/25 20:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 20:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 20:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130				10/02/25 08:07	10/02/25 20:27	1
o-Terphenyl (Surr)	92		70 - 130				10/02/25 08:07	10/02/25 20:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155		9.98		mg/Kg			10/02/25 17:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-37 (4')

Lab Sample ID: 880-63341-37

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 19:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/02/25 09:33	10/02/25 19:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/02/25 09:33	10/02/25 19:37	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		10/02/25 09:33	10/02/25 19:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/02/25 09:33	10/02/25 19:37	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/02/25 09:33	10/02/25 19:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	10/02/25 09:33	10/02/25 19:37	1
1,4-Difluorobenzene (Surr)	94		70 - 130	10/02/25 09:33	10/02/25 19:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/02/25 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	<50.0	U	50.0		mg/Kg			10/03/25 11:47	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		10/02/25 08:29	10/03/25 11:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/02/25 08:29	10/03/25 11:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:29	10/03/25 11:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130	10/02/25 08:29	10/03/25 11:47	1
o-Terphenyl (Surr)	125		70 - 130	10/02/25 08:29	10/03/25 11:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	360		10.1		mg/Kg			10/02/25 17:37	1

Client Sample ID: CS-38 (4')

Lab Sample ID: 880-63341-38

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 19:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 19:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 19:57	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/02/25 09:33	10/02/25 19:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 19:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/02/25 09:33	10/02/25 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	10/02/25 09:33	10/02/25 19:57	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/02/25 09:33	10/02/25 19:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-38 (4')

Lab Sample ID: 880-63341-38

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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			10/02/25 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	<50.0	U	50.0		mg/Kg			10/03/25 12:32	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		10/02/25 08:29	10/03/25 12:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/02/25 08:29	10/03/25 12:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:29	10/03/25 12:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				10/02/25 08:29	10/03/25 12:32	1
o-Terphenyl (Surr)	109		70 - 130				10/02/25 08:29	10/03/25 12:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	167		10.1		mg/Kg			10/02/25 17:42	1

Client Sample ID: CS-39 (4')

Lab Sample ID: 880-63341-39

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 20:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 20:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 20:18	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		10/02/25 09:33	10/02/25 20:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 20:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/02/25 09:33	10/02/25 20:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				10/02/25 09:33	10/02/25 20:18	1
1,4-Difluorobenzene (Surr)	94		70 - 130				10/02/25 09:33	10/02/25 20:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/02/25 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	<50.0	U	50.0		mg/Kg			10/03/25 13:32	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		10/02/25 08:29	10/03/25 13:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/02/25 08:29	10/03/25 13:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-39 (4')

Lab Sample ID: 880-63341-39

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 08:29	10/03/25 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				10/02/25 08:29	10/03/25 13:32	1
o-Terphenyl (Surr)	113		70 - 130				10/02/25 08:29	10/03/25 13:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	174		9.92		mg/Kg			10/02/25 17:47	1

Client Sample ID: CS-40 (4')

Lab Sample ID: 880-63341-40

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:33	10/02/25 20:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/02/25 09:33	10/02/25 20:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/02/25 09:33	10/02/25 20:38	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/02/25 09:33	10/02/25 20:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/02/25 09:33	10/02/25 20:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/02/25 09:33	10/02/25 20:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				10/02/25 09:33	10/02/25 20:38	1
1,4-Difluorobenzene (Surr)	93		70 - 130				10/02/25 09:33	10/02/25 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			10/02/25 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	<49.8	U	49.8		mg/Kg			10/03/25 13:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/02/25 08:29	10/03/25 13:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		10/02/25 08:29	10/03/25 13:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/02/25 08:29	10/03/25 13:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				10/02/25 08:29	10/03/25 13:47	1
o-Terphenyl (Surr)	109		70 - 130				10/02/25 08:29	10/03/25 13:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	421		10.1		mg/Kg			10/02/25 17:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-41 (4')

Lab Sample ID: 880-63341-41

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:43	10/03/25 02:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:43	10/03/25 02:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:43	10/03/25 02:16	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/02/25 09:43	10/03/25 02:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:43	10/03/25 02:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/25 09:43	10/03/25 02:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				10/02/25 09:43	10/03/25 02:16	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/02/25 09:43	10/03/25 02:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/03/25 02:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/03/25 14:02	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		10/02/25 08:29	10/03/25 14:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/02/25 08:29	10/03/25 14:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/02/25 08:29	10/03/25 14:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				10/02/25 08:29	10/03/25 14:02	1
o-Terphenyl (Surr)	111		70 - 130				10/02/25 08:29	10/03/25 14:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	375		10.1		mg/Kg			10/02/25 18:34	1

Client Sample ID: CS-42 (4')

Lab Sample ID: 880-63341-42

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:43	10/03/25 02:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/02/25 09:43	10/03/25 02:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/02/25 09:43	10/03/25 02:36	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		10/02/25 09:43	10/03/25 02:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/02/25 09:43	10/03/25 02:36	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/02/25 09:43	10/03/25 02:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				10/02/25 09:43	10/03/25 02:36	1
1,4-Difluorobenzene (Surr)	108		70 - 130				10/02/25 09:43	10/03/25 02:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-42 (4')

Lab Sample ID: 880-63341-42

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/03/25 02:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/03/25 14:17	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		10/02/25 08:29	10/03/25 14:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/02/25 08:29	10/03/25 14:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:29	10/03/25 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				10/02/25 08:29	10/03/25 14:17	1
o-Terphenyl (Surr)	113		70 - 130				10/02/25 08:29	10/03/25 14:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	413		9.98		mg/Kg			10/02/25 18:50	1

Client Sample ID: CS-43 (4')

Lab Sample ID: 880-63341-43

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:43	10/03/25 02:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 02:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 02:57	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/02/25 09:43	10/03/25 02:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 02:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/02/25 09:43	10/03/25 02:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				10/02/25 09:43	10/03/25 02:57	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/02/25 09:43	10/03/25 02:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/03/25 02:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/03/25 14:32	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	<49.9	U	49.9		mg/Kg		10/02/25 08:29	10/03/25 14:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/02/25 08:29	10/03/25 14:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-43 (4')

Lab Sample ID: 880-63341-43

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 08:29	10/03/25 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				10/02/25 08:29	10/03/25 14:32	1
o-Terphenyl (Surr)	113		70 - 130				10/02/25 08:29	10/03/25 14:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	427		9.96		mg/Kg			10/02/25 18:55	1

Client Sample ID: CS-44 (4')

Lab Sample ID: 880-63341-44

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:43	10/03/25 03:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/02/25 09:43	10/03/25 03:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/02/25 09:43	10/03/25 03:17	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/02/25 09:43	10/03/25 03:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/02/25 09:43	10/03/25 03:17	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/02/25 09:43	10/03/25 03:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				10/02/25 09:43	10/03/25 03:17	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/02/25 09:43	10/03/25 03:17	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			10/03/25 03:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/03/25 14:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/02/25 08:29	10/03/25 14:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/02/25 08:29	10/03/25 14:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/02/25 08:29	10/03/25 14:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130				10/02/25 08:29	10/03/25 14:48	1
o-Terphenyl (Surr)	106		70 - 130				10/02/25 08:29	10/03/25 14:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	429		10.1		mg/Kg			10/02/25 19:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-45 (4')

Lab Sample ID: 880-63341-45

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:43	10/03/25 03:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 03:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 03:38	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		10/02/25 09:43	10/03/25 03:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 03:38	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/02/25 09:43	10/03/25 03:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				10/02/25 09:43	10/03/25 03:38	1
1,4-Difluorobenzene (Surr)	108		70 - 130				10/02/25 09:43	10/03/25 03:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/03/25 03:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/03/25 15:03	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		10/02/25 08:29	10/03/25 15:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/02/25 08:29	10/03/25 15:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:29	10/03/25 15:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				10/02/25 08:29	10/03/25 15:03	1
o-Terphenyl (Surr)	109		70 - 130				10/02/25 08:29	10/03/25 15:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	403		9.90		mg/Kg			10/02/25 19:06	1

Client Sample ID: CS-46 (4')

Lab Sample ID: 880-63341-46

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:43	10/03/25 03:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:43	10/03/25 03:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:43	10/03/25 03:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/02/25 09:43	10/03/25 03:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:43	10/03/25 03:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/25 09:43	10/03/25 03:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				10/02/25 09:43	10/03/25 03:58	1
1,4-Difluorobenzene (Surr)	112		70 - 130				10/02/25 09:43	10/03/25 03:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-46 (4')

Lab Sample ID: 880-63341-46

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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			10/03/25 03:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/03/25 15:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/02/25 08:29	10/03/25 15:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		10/02/25 08:29	10/03/25 15:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/02/25 08:29	10/03/25 15:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				10/02/25 08:29	10/03/25 15:18	1
o-Terphenyl (Surr)	109		70 - 130				10/02/25 08:29	10/03/25 15:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		10.1		mg/Kg			10/02/25 19:22	1

Client Sample ID: CS-47 (4')

Lab Sample ID: 880-63341-47

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:43	10/03/25 04:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 04:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 04:19	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/02/25 09:43	10/03/25 04:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 04:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/02/25 09:43	10/03/25 04:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				10/02/25 09:43	10/03/25 04:19	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/02/25 09:43	10/03/25 04:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/03/25 04:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/03/25 15:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/02/25 08:29	10/03/25 15:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/02/25 08:29	10/03/25 15:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-47 (4')

Lab Sample ID: 880-63341-47

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 08:29	10/03/25 15:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				10/02/25 08:29	10/03/25 15:48	1
o-Terphenyl (Surr)	112		70 - 130				10/02/25 08:29	10/03/25 15:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	182		10.0		mg/Kg			10/02/25 19:27	1

Client Sample ID: CS-48 (4')

Lab Sample ID: 880-63341-48

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:43	10/03/25 04:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/02/25 09:43	10/03/25 04:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/02/25 09:43	10/03/25 04:39	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/02/25 09:43	10/03/25 04:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/02/25 09:43	10/03/25 04:39	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/02/25 09:43	10/03/25 04:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				10/02/25 09:43	10/03/25 04:39	1
1,4-Difluorobenzene (Surr)	104		70 - 130				10/02/25 09:43	10/03/25 04:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/03/25 04:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/06/25 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/03/25 08:21	10/06/25 13:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		10/03/25 08:21	10/06/25 13:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/03/25 08:21	10/06/25 13:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130				10/03/25 08:21	10/06/25 13:25	1
o-Terphenyl (Surr)	81		70 - 130				10/03/25 08:21	10/06/25 13:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	377		9.96		mg/Kg			10/02/25 19:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-49 (4')

Lab Sample ID: 880-63341-49

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:43	10/03/25 04:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/02/25 09:43	10/03/25 04:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/02/25 09:43	10/03/25 04:59	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/02/25 09:43	10/03/25 04:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/02/25 09:43	10/03/25 04:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/02/25 09:43	10/03/25 04:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				10/02/25 09:43	10/03/25 04:59	1
1,4-Difluorobenzene (Surr)	114		70 - 130				10/02/25 09:43	10/03/25 04:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/03/25 04:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/25 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/25 08:21	10/06/25 13:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/03/25 08:21	10/06/25 13:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/25 08:21	10/06/25 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130				10/03/25 08:21	10/06/25 13:56	1
o-Terphenyl (Surr)	82		70 - 130				10/03/25 08:21	10/06/25 13:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		10.1		mg/Kg			10/02/25 19:37	1

Client Sample ID: CS-50 (4')

Lab Sample ID: 880-63341-50

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:43	10/03/25 05:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 05:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 05:20	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		10/02/25 09:43	10/03/25 05:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 05:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/02/25 09:43	10/03/25 05:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				10/02/25 09:43	10/03/25 05:20	1
1,4-Difluorobenzene (Surr)	105		70 - 130				10/02/25 09:43	10/03/25 05:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-50 (4')

Lab Sample ID: 880-63341-50

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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			10/03/25 05:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/03/25 16:33	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	<49.8	U	49.8		mg/Kg		10/02/25 08:29	10/03/25 16:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		10/02/25 08:29	10/03/25 16:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/02/25 08:29	10/03/25 16:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				10/02/25 08:29	10/03/25 16:33	1
o-Terphenyl (Surr)	112		70 - 130				10/02/25 08:29	10/03/25 16:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.9		10.0		mg/Kg			10/02/25 19:43	1

Client Sample ID: SW-1 (4')

Lab Sample ID: 880-63341-51

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:43	10/03/25 07:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 07:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 07:10	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/02/25 09:43	10/03/25 07:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 07:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/02/25 09:43	10/03/25 07:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				10/02/25 09:43	10/03/25 07:10	1
1,4-Difluorobenzene (Surr)	102		70 - 130				10/02/25 09:43	10/03/25 07:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/03/25 07:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/03/25 16:48	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		10/02/25 08:29	10/03/25 16:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/02/25 08:29	10/03/25 16:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: SW-1 (4')

Lab Sample ID: 880-63341-51

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 08:29	10/03/25 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				10/02/25 08:29	10/03/25 16:48	1
o-Terphenyl (Surr)	104		70 - 130				10/02/25 08:29	10/03/25 16:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	217		9.96		mg/Kg			10/02/25 19:48	1

Client Sample ID: SW-2 (4')

Lab Sample ID: 880-63341-52

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:43	10/03/25 07:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:43	10/03/25 07:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:43	10/03/25 07:31	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/02/25 09:43	10/03/25 07:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:43	10/03/25 07:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/25 09:43	10/03/25 07:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				10/02/25 09:43	10/03/25 07:31	1
1,4-Difluorobenzene (Surr)	113		70 - 130				10/02/25 09:43	10/03/25 07:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/03/25 07:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/03/25 17:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/02/25 08:29	10/03/25 17:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		10/02/25 08:29	10/03/25 17:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/02/25 08:29	10/03/25 17:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130				10/02/25 08:29	10/03/25 17:04	1
o-Terphenyl (Surr)	112		70 - 130				10/02/25 08:29	10/03/25 17:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	214		10.1		mg/Kg			10/02/25 20:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: SW-3 (4')

Lab Sample ID: 880-63341-53

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:43	10/03/25 07:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:43	10/03/25 07:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:43	10/03/25 07:51	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/02/25 09:43	10/03/25 07:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:43	10/03/25 07:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/25 09:43	10/03/25 07:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	10/02/25 09:43	10/03/25 07:51	1
1,4-Difluorobenzene (Surr)	109		70 - 130	10/02/25 09:43	10/03/25 07:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/03/25 07:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/03/25 17:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/02/25 08:29	10/03/25 17:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/02/25 08:29	10/03/25 17:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/02/25 08:29	10/03/25 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130	10/02/25 08:29	10/03/25 17:19	1
o-Terphenyl (Surr)	109		70 - 130	10/02/25 08:29	10/03/25 17:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	223		10.0		mg/Kg			10/02/25 20:09	1

Client Sample ID: SW-4 (4')

Lab Sample ID: 880-63341-54

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:43	10/03/25 08:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:43	10/03/25 08:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:43	10/03/25 08:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/02/25 09:43	10/03/25 08:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/02/25 09:43	10/03/25 08:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/02/25 09:43	10/03/25 08:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	10/02/25 09:43	10/03/25 08:12	1
1,4-Difluorobenzene (Surr)	108		70 - 130	10/02/25 09:43	10/03/25 08:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: SW-4 (4')
Date Collected: 09/22/25 00:00
Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-54
Matrix: Solid

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			10/03/25 08:12	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	697		50.0		mg/Kg			10/06/25 21:46	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/01/25 15:52	10/06/25 21:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/01/25 15:52	10/06/25 21:46	1
Oil Range Organics (Over C28-C36)	697		50.0		mg/Kg		10/01/25 15:52	10/06/25 21:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				10/01/25 15:52	10/06/25 21:46	1
o-Terphenyl (Surr)	116		70 - 130				10/01/25 15:52	10/06/25 21:46	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	235		9.90		mg/Kg			10/02/25 20:25	1

Client Sample ID: SW-5 (4')
Date Collected: 09/22/25 00:00
Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-55
Matrix: Solid

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		10/02/25 09:43	10/03/25 08:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 08:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 08:46	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/02/25 09:43	10/03/25 08:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 08:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/02/25 09:43	10/03/25 08:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				10/02/25 09:43	10/03/25 08:46	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/02/25 09:43	10/03/25 08:46	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/03/25 08:46	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	298		49.8		mg/Kg			10/06/25 22:00	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/01/25 15:52	10/06/25 22:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: SW-5 (4')

Lab Sample ID: 880-63341-55

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/01/25 15:52	10/06/25 22:00	1
Oil Range Organics (Over C28-C36)	298		49.8		mg/Kg		10/01/25 15:52	10/06/25 22:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				10/01/25 15:52	10/06/25 22:00	1
o-Terphenyl (Surr)	119		70 - 130				10/01/25 15:52	10/06/25 22:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	175		10.1		mg/Kg			10/02/25 20:30	1

Client Sample ID: SW-6 (4')

Lab Sample ID: 880-63341-56

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:43	10/03/25 09:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/02/25 09:43	10/03/25 09:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/02/25 09:43	10/03/25 09:13	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/02/25 09:43	10/03/25 09:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/02/25 09:43	10/03/25 09:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/02/25 09:43	10/03/25 09:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	318	S1+	70 - 130				10/02/25 09:43	10/03/25 09:13	1
1,4-Difluorobenzene (Surr)	168	S1+	70 - 130				10/02/25 09:43	10/03/25 09:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/03/25 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/03/25 17:59	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		10/02/25 08:29	10/03/25 17:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/02/25 08:29	10/03/25 17:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:29	10/03/25 17:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				10/02/25 08:29	10/03/25 17:59	1
o-Terphenyl (Surr)	109		70 - 130				10/02/25 08:29	10/03/25 17:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	274		9.92		mg/Kg			10/02/25 20:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: SW-7 (4')

Lab Sample ID: 880-63341-57

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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		10/02/25 09:43	10/03/25 10:26	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/02/25 09:43	10/03/25 10:26	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/02/25 09:43	10/03/25 10:26	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		10/02/25 09:43	10/03/25 10:26	1
o-Xylene	0.00211		0.00198		mg/Kg		10/02/25 09:43	10/03/25 10:26	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/02/25 09:43	10/03/25 10:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	10/02/25 09:43	10/03/25 10:26	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/02/25 09:43	10/03/25 10:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/03/25 10:26	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			10/06/25 10:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/25 08:21	10/06/25 10:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/03/25 08:21	10/06/25 10:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/25 08:21	10/06/25 10:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130	10/03/25 08:21	10/06/25 10:39	1
o-Terphenyl (Surr)	88		70 - 130	10/03/25 08:21	10/06/25 10:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	239		9.96		mg/Kg			10/02/25 20:40	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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)
880-63341-1	CS-1 (4')	108	95
880-63341-1 MS	CS-1 (4')	102	93
880-63341-1 MSD	CS-1 (4')	106	106
880-63341-2	CS-2 (4')	99	100
880-63341-3	CS-3 (4')	99	95
880-63341-4	CS-4 (4')	112	97
880-63341-5	CS-5 (4')	116	81
880-63341-6	CS-6 (4')	94	99
880-63341-6 MS	CS-6 (4')	97	97
880-63341-6 MSD	CS-6 (4')	105	96
880-63341-7	CS-7 (4')	90	106
880-63341-8	CS-8 (4')	97	87
880-63341-9	CS-9 (4')	86	93
880-63341-10	CS-10 (4')	119	103
880-63341-11	CS-11 (4')	101	101
880-63341-12	CS-12 (4')	110	105
880-63341-13	CS-13 (4')	113	100
880-63341-14	CS-14 (4')	123	105
880-63341-15	CS-15 (4')	114	104
880-63341-16	CS-16 (4')	115	104
880-63341-17	CS-17 (4')	136 S1+	106
880-63341-18	CS-18 (4')	128	117
880-63341-19	CS-19 (4')	120	106
880-63341-20	CS-20 (4')	126	109
880-63341-21	CS-21 (4')	128	109
880-63341-21 MS	CS-21 (4')	99	106
880-63341-21 MSD	CS-21 (4')	97	108
880-63341-22	CS-22 (4')	79	122
880-63341-23	CS-23 (4')	115	102
880-63341-24	CS-24 (4')	89	111
880-63341-25	CS-25 (4')	104	101
880-63341-26	CS-26 (4')	89	122
880-63341-27	CS-27 (4')	97	117
880-63341-28	CS-28 (4')	100	118
880-63341-29	CS-29 (4')	93	95
880-63341-30	CS-30 (4')	90	119
880-63341-31	CS-31 (4')	126	108
880-63341-32	CS-32 (4')	92	113
880-63341-33	CS-33 (4')	101	114
880-63341-34	CS-34 (4')	101	93
880-63341-35	CS-35 (4')	99	116
880-63341-36	CS-36 (4')	92	99
880-63341-37	CS-37 (4')	102	94
880-63341-38	CS-38 (4')	104	101
880-63341-39	CS-39 (4')	96	94
880-63341-40	CS-40 (4')	95	93
880-63341-41	CS-41 (4')	100	106
880-63341-41 MS	CS-41 (4')	107	95
880-63341-41 MSD	CS-41 (4')	107	98

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-63341-1

Project/Site: Copperhead 31 Fed Com 3H

SDG: Eddy Co, Tx

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)
880-63341-42	CS-42 (4')	121	108
880-63341-43	CS-43 (4')	119	103
880-63341-44	CS-44 (4')	124	103
880-63341-45	CS-45 (4')	123	108
880-63341-46	CS-46 (4')	133 S1+	112
880-63341-47	CS-47 (4')	130	106
880-63341-48	CS-48 (4')	126	104
880-63341-49	CS-49 (4')	142 S1+	114
880-63341-50	CS-50 (4')	126	105
880-63341-51	SW-1 (4')	103	102
880-63341-52	SW-2 (4')	125	113
880-63341-53	SW-3 (4')	119	109
880-63341-54	SW-4 (4')	123	108
880-63341-55	SW-5 (4')	108	101
880-63341-56	SW-6 (4')	318 S1+	168 S1+
880-63341-57	SW-7 (4')	104	95
890-8906-A-1-B MS	Matrix Spike	93	91
890-8906-A-1-C MSD	Matrix Spike Duplicate	106	93
LCS 880-120289/1-A	Lab Control Sample	101	109
LCS 880-120290/1-A	Lab Control Sample	93	119
LCS 880-120291/1-A	Lab Control Sample	102	97
LCS 880-120408/1-A	Lab Control Sample	91	86
LCS 880-120457/1-A	Lab Control Sample	89	105
LCSD 880-120289/2-A	Lab Control Sample Dup	133 S1+	89
LCSD 880-120290/2-A	Lab Control Sample Dup	100	95
LCSD 880-120291/2-A	Lab Control Sample Dup	103	101
LCSD 880-120408/2-A	Lab Control Sample Dup	108	104
LCSD 880-120457/2-A	Lab Control Sample Dup	90	92
MB 880-120162/5-A	Method Blank	158 S1+	98
MB 880-120289/5-A	Method Blank	108	88
MB 880-120290/5-A	Method Blank	106	95
MB 880-120291/5-A	Method Blank	243 S1+	138 S1+
MB 880-120408/5-A	Method Blank	192 S1+	105
MB 880-120457/5-A	Method Blank	103	85

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-63341-1	CS-1 (4')	79	102
880-63341-2	CS-2 (4')	82	108
880-63341-3	CS-3 (4')	81	107
880-63341-4	CS-4 (4')	65 S1-	207 S1+
880-63341-5	CS-5 (4')	79	103
880-63341-6	CS-6 (4')	69 S1-	93

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-63341-1

Project/Site: Copperhead 31 Fed Com 3H

SDG: Eddy Co, Tx

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)
880-63341-7	CS-7 (4')	70	94
880-63341-8	CS-8 (4')	81	110
880-63341-9	CS-9 (4')	81	108
880-63341-10	CS-10 (4')	77	101
880-63341-11	CS-11 (4')	79	104
880-63341-12	CS-12 (4')	81	106
880-63341-13	CS-13 (4')	81	106
880-63341-14	CS-14 (4')	77	105
880-63341-15	CS-15 (4')	83	109
880-63341-16	CS-16 (4')	79	106
880-63341-17	CS-17 (4')	79	102
880-63341-18	CS-18 (4')	66 S1-	89
880-63341-19	CS-19 (4')	84	91
880-63341-20	CS-20 (4')	82	90
880-63341-21	CS-21 (4')	81	87
880-63341-22	CS-22 (4')	84	90
880-63341-23	CS-23 (4')	83	91
880-63341-24	CS-24 (4')	87	94
880-63341-25	CS-25 (4')	85	94
880-63341-26	CS-26 (4')	83	91
880-63341-27	CS-27 (4')	84	90
880-63341-28	CS-28 (4')	89	97
880-63341-29	CS-29 (4')	88	95
880-63341-30	CS-30 (4')	82	91
880-63341-31	CS-31 (4')	87	98
880-63341-32	CS-32 (4')	84	93
880-63341-33	CS-33 (4')	84	93
880-63341-34	CS-34 (4')	86	95
880-63341-35	CS-35 (4')	84	91
880-63341-36	CS-36 (4')	83	92
880-63341-37	CS-37 (4')	114	125
880-63341-37 MS	CS-37 (4')	93	102
880-63341-37 MSD	CS-37 (4')	93	102
880-63341-38	CS-38 (4')	99	109
880-63341-39	CS-39 (4')	101	113
880-63341-40	CS-40 (4')	100	109
880-63341-41	CS-41 (4')	102	111
880-63341-42	CS-42 (4')	99	113
880-63341-43	CS-43 (4')	100	113
880-63341-44	CS-44 (4')	97	106
880-63341-45	CS-45 (4')	96	109
880-63341-46	CS-46 (4')	100	109
880-63341-47	CS-47 (4')	100	112
880-63341-48	CS-48 (4')	79	81
880-63341-49	CS-49 (4')	79	82
880-63341-50	CS-50 (4')	103	112
880-63341-51	SW-1 (4')	92	104
880-63341-52	SW-2 (4')	97	112
880-63341-53	SW-3 (4')	96	109
880-63341-54	SW-4 (4')	90	116

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-63341-1

Project/Site: Copperhead 31 Fed Com 3H

SDG: Eddy Co, Tx

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)
880-63341-55	SW-5 (4')	89	119
880-63341-56	SW-6 (4')	99	109
880-63341-57	SW-7 (4')	87	88
880-63341-57 MS	SW-7 (4')	98	90
880-63341-57 MSD	SW-7 (4')	80	89
880-63402-A-31-D MS	Matrix Spike	83	90
880-63402-A-31-E MSD	Matrix Spike Duplicate	84	91
890-8893-A-1-C MS	Matrix Spike	90	104
890-8893-A-1-D MSD	Matrix Spike Duplicate	90	102
890-8893-A-3-C MS	Matrix Spike	95	95
890-8893-A-3-D MSD	Matrix Spike Duplicate	96	95
LCS 880-120234/2-A	Lab Control Sample	90	100
LCS 880-120258/2-A	Lab Control Sample	83	96
LCS 880-120259/2-A	Lab Control Sample	99	99
LCS 880-120267/2-A	Lab Control Sample	127	149 S1+
LCS 880-120404/2-A	Lab Control Sample	93	87
LCSD 880-120234/3-A	Lab Control Sample Dup	90	101
LCSD 880-120258/3-A	Lab Control Sample Dup	91	103
LCSD 880-120259/3-A	Lab Control Sample Dup	98	102
LCSD 880-120267/3-A	Lab Control Sample Dup	109	119
LCSD 880-120404/3-A	Lab Control Sample Dup	90	101
MB 880-120234/1-A	Method Blank	83	111
MB 880-120258/1-A	Method Blank	94	121
MB 880-120259/1-A	Method Blank	104	111
MB 880-120267/1-A	Method Blank	100	115
MB 880-120404/1-A	Method Blank	74	77

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-120162/5-A

Matrix: Solid

Analysis Batch: 120265

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 120162

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/01/25 09:59	10/02/25 14:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/01/25 09:59	10/02/25 14:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/01/25 09:59	10/02/25 14:10	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/01/25 09:59	10/02/25 14:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/01/25 09:59	10/02/25 14:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/01/25 09:59	10/02/25 14:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	158	S1+	70 - 130	10/01/25 09:59	10/02/25 14:10	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/01/25 09:59	10/02/25 14:10	1

Lab Sample ID: MB 880-120289/5-A

Matrix: Solid

Analysis Batch: 120263

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 120289

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:25	10/02/25 15:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:25	10/02/25 15:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:25	10/02/25 15:34	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/02/25 09:25	10/02/25 15:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:25	10/02/25 15:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/02/25 09:25	10/02/25 15:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	10/02/25 09:25	10/02/25 15:34	1
1,4-Difluorobenzene (Surr)	88		70 - 130	10/02/25 09:25	10/02/25 15:34	1

Lab Sample ID: LCS 880-120289/1-A

Matrix: Solid

Analysis Batch: 120263

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 120289

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1030		mg/Kg		103	70 - 130
Toluene	0.100	0.09054		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.08456		mg/Kg		85	70 - 130
m,p-Xylenes	0.200	0.1819		mg/Kg		91	70 - 130
o-Xylene	0.100	0.08839		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-120289/2-A

Matrix: Solid

Analysis Batch: 120263

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 120289

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.07874		mg/Kg		79	70 - 130	27	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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

Lab Sample ID: LCSD 880-120289/2-A

Matrix: Solid

Analysis Batch: 120263

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 120289

Analyte	Spike		LCSD	LCSD	Unit	D	%Rec	%Rec		RPD	
	Added	Result	Qualifier					Limits	RPD	Limit	
Toluene	0.100	0.07108			mg/Kg		71	70 - 130	24	35	
Ethylbenzene	0.100	0.06153	*-		mg/Kg		62	70 - 130	32	35	
m,p-Xylenes	0.200	0.1329	*-		mg/Kg		66	70 - 130	31	35	
o-Xylene	0.100	0.06519	*-		mg/Kg		65	70 - 130	30	35	
		LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130								
1,4-Difluorobenzene (Surr)	89		70 - 130								

Lab Sample ID: 880-63341-1 MS

Matrix: Solid

Analysis Batch: 120263

Client Sample ID: CS-1 (4')

Prep Type: Total/NA

Prep Batch: 120289

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Benzene	<0.00199	U	0.100	0.08226		mg/Kg		82	70 - 130		
Toluene	<0.00199	U	0.100	0.07185		mg/Kg		72	70 - 130		
Ethylbenzene	<0.00199	U *	0.100	0.07026		mg/Kg		70	70 - 130		
m,p-Xylenes	<0.00398	U *	0.200	0.1433		mg/Kg		72	70 - 130		
o-Xylene	<0.00199	U *	0.100	0.06967		mg/Kg		70	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	102		70 - 130								
1,4-Difluorobenzene (Surr)	93		70 - 130								

Lab Sample ID: 880-63341-1 MSD

Matrix: Solid

Analysis Batch: 120263

Client Sample ID: CS-1 (4')

Prep Type: Total/NA

Prep Batch: 120289

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U	0.100	0.09347		mg/Kg		93	70 - 130	13	35
Toluene	<0.00199	U	0.100	0.08026		mg/Kg		80	70 - 130	11	35
Ethylbenzene	<0.00199	U *	0.100	0.07158		mg/Kg		72	70 - 130	2	35
m,p-Xylenes	<0.00398	U *	0.200	0.1524		mg/Kg		76	70 - 130	6	35
o-Xylene	<0.00199	U *	0.100	0.07285		mg/Kg		73	70 - 130	4	35
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	106		70 - 130								
1,4-Difluorobenzene (Surr)	106		70 - 130								

Lab Sample ID: MB 880-120290/5-A

Matrix: Solid

Analysis Batch: 120262

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 120290

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 11:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 11:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 11:37	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/02/25 09:33	10/02/25 11:37	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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

Lab Sample ID: MB 880-120290/5-A

Matrix: Solid

Analysis Batch: 120262

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 120290

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 11:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:33	10/02/25 11:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/02/25 09:33	10/02/25 11:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	10/02/25 09:33	10/02/25 11:37	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/02/25 09:33	10/02/25 11:37	1

Lab Sample ID: LCS 880-120290/1-A

Matrix: Solid

Analysis Batch: 120262

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 120290

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07816		mg/Kg		78	70 - 130
Toluene	0.100	0.07456		mg/Kg		75	70 - 130
Ethylbenzene	0.100	0.07981		mg/Kg		80	70 - 130
m,p-Xylenes	0.200	0.1618		mg/Kg		81	70 - 130
o-Xylene	0.100	0.08075		mg/Kg		81	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	119		70 - 130

Lab Sample ID: LCSD 880-120290/2-A

Matrix: Solid

Analysis Batch: 120262

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 120290

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07423		mg/Kg		74	70 - 130	5	35
Toluene	0.100	0.07434		mg/Kg		74	70 - 130	0	35
Ethylbenzene	0.100	0.08264		mg/Kg		83	70 - 130	3	35
m,p-Xylenes	0.200	0.1745		mg/Kg		87	70 - 130	8	35
o-Xylene	0.100	0.08687		mg/Kg		87	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-63341-21 MS

Matrix: Solid

Analysis Batch: 120262

Client Sample ID: CS-21 (4')

Prep Type: Total/NA

Prep Batch: 120290

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.100	0.07699		mg/Kg		77	70 - 130
Toluene	<0.00199	U	0.100	0.07395		mg/Kg		74	70 - 130
Ethylbenzene	<0.00199	U	0.100	0.08100		mg/Kg		81	70 - 130
m,p-Xylenes	<0.00398	U	0.200	0.1632		mg/Kg		82	70 - 130
o-Xylene	<0.00199	U	0.100	0.08122		mg/Kg		81	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-63341-21 MSD
Matrix: Solid
Analysis Batch: 120262

Client Sample ID: CS-21 (4')
Prep Type: Total/NA
Prep Batch: 120290

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.07019		mg/Kg		70	70 - 130	9	35
Toluene	<0.00199	U	0.100	0.07426		mg/Kg		74	70 - 130	0	35
Ethylbenzene	<0.00199	U	0.100	0.08125		mg/Kg		81	70 - 130	0	35
m,p-Xylenes	<0.00398	U	0.200	0.1620		mg/Kg		81	70 - 130	1	35
o-Xylene	<0.00199	U	0.100	0.08041		mg/Kg		80	70 - 130	1	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: MB 880-120291/5-A
Matrix: Solid
Analysis Batch: 120265

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 120291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 01:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 01:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 01:48	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/02/25 09:43	10/03/25 01:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/02/25 09:43	10/03/25 01:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/02/25 09:43	10/03/25 01:48	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	243	S1+	70 - 130	10/02/25 09:43	10/03/25 01:48	1			
1,4-Difluorobenzene (Surr)	138	S1+	70 - 130	10/02/25 09:43	10/03/25 01:48	1			

Lab Sample ID: LCS 880-120291/1-A
Matrix: Solid
Analysis Batch: 120265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 120291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09909		mg/Kg		99	70 - 130
Toluene	0.100	0.08903		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.08154		mg/Kg		82	70 - 130
m,p-Xylenes	0.200	0.1884		mg/Kg		94	70 - 130
o-Xylene	0.100	0.1002		mg/Kg		100	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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

Lab Sample ID: LCSD 880-120291/2-A

Matrix: Solid

Analysis Batch: 120265

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 120291

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Benzene	0.100	0.1062		mg/Kg		106	70 - 130	7		35
Toluene	0.100	0.08756		mg/Kg		88	70 - 130	2		35
Ethylbenzene	0.100	0.08928		mg/Kg		89	70 - 130	9		35
m,p-Xylenes	0.200	0.1972		mg/Kg		99	70 - 130	5		35
o-Xylene	0.100	0.1058		mg/Kg		106	70 - 130	5		35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-63341-41 MS

Matrix: Solid

Analysis Batch: 120265

Client Sample ID: CS-41 (4')

Prep Type: Total/NA

Prep Batch: 120291

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Benzene	<0.00199	U	0.100	0.08421		mg/Kg		84	70 - 130	
Toluene	<0.00199	U	0.100	0.07415		mg/Kg		74	70 - 130	
Ethylbenzene	<0.00199	U	0.100	0.07967		mg/Kg		80	70 - 130	
m,p-Xylenes	<0.00398	U	0.200	0.1640		mg/Kg		82	70 - 130	
o-Xylene	<0.00199	U	0.100	0.08389		mg/Kg		84	70 - 130	

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-63341-41 MSD

Matrix: Solid

Analysis Batch: 120265

Client Sample ID: CS-41 (4')

Prep Type: Total/NA

Prep Batch: 120291

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Benzene	<0.00199	U	0.100	0.09297		mg/Kg		93	70 - 130	10		35
Toluene	<0.00199	U	0.100	0.08320		mg/Kg		83	70 - 130	12		35
Ethylbenzene	<0.00199	U	0.100	0.07932		mg/Kg		79	70 - 130	0		35
m,p-Xylenes	<0.00398	U	0.200	0.1809		mg/Kg		90	70 - 130	10		35
o-Xylene	<0.00199	U	0.100	0.09372		mg/Kg		94	70 - 130	11		35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-120408/5-A

Matrix: Solid

Analysis Batch: 120402

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 120408

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/03/25 09:11	10/03/25 13:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/03/25 09:11	10/03/25 13:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/03/25 09:11	10/03/25 13:05	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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

Lab Sample ID: MB 880-120408/5-A

Matrix: Solid

Analysis Batch: 120402

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 120408

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/03/25 09:11	10/03/25 13:05	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/03/25 09:11	10/03/25 13:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/03/25 09:11	10/03/25 13:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/03/25 09:11	10/03/25 13:05	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	192	S1+	70 - 130				10/03/25 09:11	10/03/25 13:05	1
1,4-Difluorobenzene (Surr)	105		70 - 130				10/03/25 09:11	10/03/25 13:05	1

Lab Sample ID: LCS 880-120408/1-A

Matrix: Solid

Analysis Batch: 120402

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 120408

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07446		mg/Kg		74	70 - 130
Toluene	0.100	0.07185		mg/Kg		72	70 - 130
Ethylbenzene	0.100	0.06284	*-	mg/Kg		63	70 - 130
m,p-Xylenes	0.200	0.1353	*-	mg/Kg		68	70 - 130
o-Xylene	0.100	0.07249		mg/Kg		72	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	91		70 - 130				
1,4-Difluorobenzene (Surr)	86		70 - 130				

Lab Sample ID: LCSD 880-120408/2-A

Matrix: Solid

Analysis Batch: 120402

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 120408

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09296		mg/Kg		93	70 - 130	22	35
Toluene	0.100	0.07961		mg/Kg		80	70 - 130	10	35
Ethylbenzene	0.100	0.08185		mg/Kg		82	70 - 130	26	35
m,p-Xylenes	0.200	0.1850		mg/Kg		92	70 - 130	31	35
o-Xylene	0.100	0.09808		mg/Kg		98	70 - 130	30	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	108		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: 880-63341-6 MS

Matrix: Solid

Analysis Batch: 120402

Client Sample ID: CS-6 (4')

Prep Type: Total/NA

Prep Batch: 120408

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.100	0.09722		mg/Kg		97	70 - 130
Toluene	<0.00199	U	0.100	0.08894		mg/Kg		89	70 - 130
Ethylbenzene	<0.00199	U *	0.100	0.07549		mg/Kg		75	70 - 130
m,p-Xylenes	<0.00398	U *	0.200	0.1841		mg/Kg		92	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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

Lab Sample ID: 880-63341-6 MS

Matrix: Solid

Analysis Batch: 120402

Client Sample ID: CS-6 (4')

Prep Type: Total/NA

Prep Batch: 120408

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	<0.00199	U	0.100	0.09879		mg/Kg		99	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	97		70 - 130						
1,4-Difluorobenzene (Surr)	97		70 - 130						

Lab Sample ID: 880-63341-6 MSD

Matrix: Solid

Analysis Batch: 120402

Client Sample ID: CS-6 (4')

Prep Type: Total/NA

Prep Batch: 120408

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.09599		mg/Kg		96	70 - 130	1	35
Toluene	<0.00199	U	0.100	0.08041		mg/Kg		80	70 - 130	10	35
Ethylbenzene	<0.00199	U *	0.100	0.08560		mg/Kg		86	70 - 130	13	35
m,p-Xylenes	<0.00398	U *	0.200	0.1903		mg/Kg		95	70 - 130	3	35
o-Xylene	<0.00199	U	0.100	0.1010		mg/Kg		101	70 - 130	2	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	105		70 - 130								
1,4-Difluorobenzene (Surr)	96		70 - 130								

Lab Sample ID: MB 880-120457/5-A

Matrix: Solid

Analysis Batch: 120472

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 120457

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/03/25 11:48	10/03/25 17:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/03/25 11:48	10/03/25 17:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/03/25 11:48	10/03/25 17:37	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/03/25 11:48	10/03/25 17:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/03/25 11:48	10/03/25 17:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/03/25 11:48	10/03/25 17:37	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	85		70 - 130						

Lab Sample ID: LCS 880-120457/1-A

Matrix: Solid

Analysis Batch: 120472

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 120457

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08408		mg/Kg		84	70 - 130
Toluene	0.100	0.08329		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.08694		mg/Kg		87	70 - 130
m,p-Xylenes	0.200	0.1789		mg/Kg		89	70 - 130
o-Xylene	0.100	0.09086		mg/Kg		91	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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

Lab Sample ID: LCS 880-120457/1-A

Matrix: Solid

Analysis Batch: 120472

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 120457

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-120457/2-A

Matrix: Solid

Analysis Batch: 120472

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 120457

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08574		mg/Kg		86	70 - 130	2	35
Toluene	0.100	0.08492		mg/Kg		85	70 - 130	2	35
Ethylbenzene	0.100	0.08894		mg/Kg		89	70 - 130	2	35
m,p-Xylenes	0.200	0.1834		mg/Kg		92	70 - 130	2	35
o-Xylene	0.100	0.09234		mg/Kg		92	70 - 130	2	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 890-8906-A-1-B MS

Matrix: Solid

Analysis Batch: 120472

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 120457

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.07199		mg/Kg		72	70 - 130
Toluene	<0.00200	U F1	0.100	0.07388		mg/Kg		74	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07726		mg/Kg		77	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1586		mg/Kg		79	70 - 130
o-Xylene	<0.00200	U	0.100	0.07932		mg/Kg		79	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 890-8906-A-1-C MSD

Matrix: Solid

Analysis Batch: 120472

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 120457

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	0.06652	F1	mg/Kg		67	70 - 130	8	35
Toluene	<0.00200	U F1	0.100	0.06950	F1	mg/Kg		69	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.100	0.07233		mg/Kg		72	70 - 130	7	35
m,p-Xylenes	<0.00399	U	0.200	0.1529		mg/Kg		76	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.07554		mg/Kg		76	70 - 130	5	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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

Lab Sample ID: MB 880-120234/1-A

Matrix: Solid

Analysis Batch: 120549

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 120234

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		10/01/25 15:51	10/06/25 18:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/01/25 15:51	10/06/25 18:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/01/25 15:51	10/06/25 18:52	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130				10/01/25 15:51	10/06/25 18:52	1
o-Terphenyl (Surr)	111		70 - 130				10/01/25 15:51	10/06/25 18:52	1

Lab Sample ID: LCS 880-120234/2-A

Matrix: Solid

Analysis Batch: 120549

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 120234

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	888.4		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1000	965.6		mg/Kg		97	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	90		70 - 130				
o-Terphenyl (Surr)	100		70 - 130				

Lab Sample ID: LCSD 880-120234/3-A

Matrix: Solid

Analysis Batch: 120549

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 120234

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	892.1		mg/Kg		89	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	930.3		mg/Kg		93	70 - 130	4	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	90		70 - 130						
o-Terphenyl (Surr)	101		70 - 130						

Lab Sample ID: 880-63402-A-31-D MS

Matrix: Solid

Analysis Batch: 120549

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 120234

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	788.6		mg/Kg		79	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	830.2		mg/Kg		83	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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

Lab Sample ID: 880-63402-A-31-D MS

Matrix: Solid

Analysis Batch: 120549

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 120234

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	83		70 - 130
o-Terphenyl (Surr)	90		70 - 130

Lab Sample ID: 880-63402-A-31-E MSD

Matrix: Solid

Analysis Batch: 120549

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 120234

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	807.5		mg/Kg		81	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	840.4		mg/Kg		84	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	84		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Lab Sample ID: MB 880-120258/1-A

Matrix: Solid

Analysis Batch: 120282

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 120258

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		10/02/25 08:05	10/02/25 04:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 04:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:05	10/02/25 04:32	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane (Surr)	94		70 - 130	10/02/25 08:05	10/02/25 04:32	1			
o-Terphenyl (Surr)	121		70 - 130	10/02/25 08:05	10/02/25 04:32	1			

Lab Sample ID: LCS 880-120258/2-A

Matrix: Solid

Analysis Batch: 120282

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 120258

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	708.4		mg/Kg		71	70 - 130
Diesel Range Organics (Over C10-C28)	1000	834.5		mg/Kg		83	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	83		70 - 130
o-Terphenyl (Surr)	96		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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

Lab Sample ID: LCSD 880-120258/3-A

Matrix: Solid

Analysis Batch: 120282

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 120258

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	820.6		mg/Kg		82	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	1000	904.3		mg/Kg		90	70 - 130	8	20
	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	91		70 - 130						
o-Terphenyl (Surr)	103		70 - 130						

Lab Sample ID: 890-8893-A-1-C MS

Matrix: Solid

Analysis Batch: 120282

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 120258

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	<50.0	U	997	764.1		mg/Kg		77	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	798.3		mg/Kg		78	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	90		70 - 130								
o-Terphenyl (Surr)	104		70 - 130								

Lab Sample ID: 890-8893-A-1-D MSD

Matrix: Solid

Analysis Batch: 120282

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 120258

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	737.9		mg/Kg		74	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	735.7		mg/Kg		72	70 - 130	8	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	90		70 - 130								
o-Terphenyl (Surr)	102		70 - 130								

Lab Sample ID: MB 880-120259/1-A

Matrix: Solid

Analysis Batch: 120284

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 120259

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		10/02/25 08:07	10/02/25 04:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 04:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:07	10/02/25 04:32	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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

Lab Sample ID: MB 880-120259/1-A
Matrix: Solid
Analysis Batch: 120284

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 120259

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	10/02/25 08:07	10/02/25 04:32	1
o-Terphenyl (Surr)	111		70 - 130	10/02/25 08:07	10/02/25 04:32	1

Lab Sample ID: LCS 880-120259/2-A
Matrix: Solid
Analysis Batch: 120284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 120259

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	809.8		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	829.0		mg/Kg		83	70 - 130		
Surrogate										
	LCS	LCS								
	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	99		70 - 130							
o-Terphenyl (Surr)	99		70 - 130							

Lab Sample ID: LCSD 880-120259/3-A
Matrix: Solid
Analysis Batch: 120284

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 120259

Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10		1000	807.9		mg/Kg		81	70 - 130	0	20
Diesel Range Organics (Over C10-C28)		1000	830.2		mg/Kg		83	70 - 130	0	20
Surrogate										
	LCSD	LCSD								
	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	98		70 - 130							
o-Terphenyl (Surr)	102		70 - 130							

Lab Sample ID: 890-8893-A-3-C MS
Matrix: Solid
Analysis Batch: 120284

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 120259

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	766.4		mg/Kg		77	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	773.6		mg/Kg		77	70 - 130		
Surrogate											
	MS	MS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	95		70 - 130								
o-Terphenyl (Surr)	95		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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

Lab Sample ID: 890-8893-A-3-D MSD

Matrix: Solid

Analysis Batch: 120284

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 120259

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	767.0		mg/Kg		77	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	768.1		mg/Kg		77	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	96		70 - 130								
o-Terphenyl (Surr)	95		70 - 130								

Lab Sample ID: MB 880-120267/1-A

Matrix: Solid

Analysis Batch: 120440

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 120267

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		10/02/25 08:29	10/03/25 09:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/25 08:29	10/03/25 09:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/25 08:29	10/03/25 09:30	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				10/02/25 08:29	10/03/25 09:30	1
o-Terphenyl (Surr)	115		70 - 130				10/02/25 08:29	10/03/25 09:30	1

Lab Sample ID: LCS 880-120267/2-A

Matrix: Solid

Analysis Batch: 120440

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 120267

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1185		mg/Kg		119	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1091		mg/Kg		109	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane (Surr)	127		70 - 130						
o-Terphenyl (Surr)	149	S1+	70 - 130						

Lab Sample ID: LCSD 880-120267/3-A

Matrix: Solid

Analysis Batch: 120440

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 120267

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1059		mg/Kg		106	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	1000	873.8	*1	mg/Kg		87	70 - 130	22	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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

Lab Sample ID: LCSD 880-120267/3-A

Matrix: Solid

Analysis Batch: 120440

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 120267

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	119		70 - 130

Lab Sample ID: 880-63341-37 MS

Matrix: Solid

Analysis Batch: 120440

Client Sample ID: CS-37 (4')

Prep Type: Total/NA

Prep Batch: 120267

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	919.6		mg/Kg		92	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U *1	1000	737.5		mg/Kg		74	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	93		70 - 130							
o-Terphenyl (Surr)	102		70 - 130							

Lab Sample ID: 880-63341-37 MSD

Matrix: Solid

Analysis Batch: 120440

Client Sample ID: CS-37 (4')

Prep Type: Total/NA

Prep Batch: 120267

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	914.7		mg/Kg		91	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	<50.0	U *1	1000	730.3		mg/Kg		73	70 - 130	1	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane (Surr)	93		70 - 130									
o-Terphenyl (Surr)	102		70 - 130									

Lab Sample ID: MB 880-120404/1-A

Matrix: Solid

Analysis Batch: 120510

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 120404

	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		10/03/25 08:21	10/06/25 08:36	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/25 08:21	10/06/25 08:36	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/25 08:21	10/06/25 08:36	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane (Surr)	74		70 - 130				10/03/25 08:21	10/06/25 08:36	1		
o-Terphenyl (Surr)	77		70 - 130				10/03/25 08:21	10/06/25 08:36	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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

Lab Sample ID: LCS 880-120404/2-A

Matrix: Solid

Analysis Batch: 120510

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 120404

Analyte			Spike	LCS	LCS	Unit	D	%Rec		
			Added	Result	Qualifier			%Rec		
Gasoline Range Organics (GRO)-C6-C10			1000	891.3		mg/Kg		89	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	773.5		mg/Kg		77	70 - 130	
		LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	93		70 - 130							
o-Terphenyl (Surr)	87		70 - 130							

Lab Sample ID: LCSD 880-120404/3-A

Matrix: Solid

Analysis Batch: 120510

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 120404

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier			Limits	Limit		
Gasoline Range Organics (GRO)-C6-C10			1000	1056		mg/Kg		106	70 - 130	17	20
Diesel Range Organics (Over C10-C28)			1000	968.4	*1	mg/Kg		97	70 - 130	22	20
Surrogate	LCSD		Limits								
	%Recovery	Qualifier									
1-Chlorooctane (Surr)	90		70 - 130								
o-Terphenyl (Surr)	101		70 - 130								

Lab Sample ID: 880-63341-57 MS

Matrix: Solid

Analysis Batch: 120510

Client Sample ID: SW-7 (4')

Prep Type: Total/NA

Prep Batch: 120404

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits		
	Result	Qualifier	Added	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	946.8		mg/Kg		93	70 - 130			
Diesel Range Organics (Over C10-C28)	<50.0	U *1	1000	808.0		mg/Kg		79	70 - 130			
Surrogate	MS	MS	Limits									
	%Recovery	Qualifier										
1-Chlorooctane (Surr)	98		70 - 130									
o-Terphenyl (Surr)	90		70 - 130									

Lab Sample ID: 880-63341-57 MSD

Matrix: Solid

Analysis Batch: 120510

Client Sample ID: SW-7 (4')

Prep Type: Total/NA

Prep Batch: 120404

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	971.1		mg/Kg		95	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U *1	1000	868.9		mg/Kg		85	70 - 130	7	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	80		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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

Lab Sample ID: 880-63341-57 MSD

Matrix: Solid

Analysis Batch: 120510

Client Sample ID: SW-7 (4')

Prep Type: Total/NA

Prep Batch: 120404

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	89		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-120269/1-A

Matrix: Solid

Analysis Batch: 120324

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			10/02/25 17:30	1

Lab Sample ID: LCS 880-120269/2-A

Matrix: Solid

Analysis Batch: 120324

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	249.1		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-120269/3-A

Matrix: Solid

Analysis Batch: 120324

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	251.0		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 880-63341-1 MS

Matrix: Solid

Analysis Batch: 120324

Client Sample ID: CS-1 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	310		249	562.8		mg/Kg		101	90 - 110

Lab Sample ID: 880-63341-1 MSD

Matrix: Solid

Analysis Batch: 120324

Client Sample ID: CS-1 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	310		249	561.2		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-63341-11 MS

Matrix: Solid

Analysis Batch: 120324

Client Sample ID: CS-11 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	188		253	443.9		mg/Kg		101	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-63341-11 MSD

Matrix: Solid

Analysis Batch: 120324

Client Sample ID: CS-11 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	188		253	447.6		mg/Kg		103	90 - 110	1	20

Lab Sample ID: MB 880-120270/1-A

Matrix: Solid

Analysis Batch: 120341

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			10/02/25 15:06	1

Lab Sample ID: LCS 880-120270/2-A

Matrix: Solid

Analysis Batch: 120341

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.6		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-120270/3-A

Matrix: Solid

Analysis Batch: 120341

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-63341-21 MS

Matrix: Solid

Analysis Batch: 120341

Client Sample ID: CS-21 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	118		251	362.7		mg/Kg		98	90 - 110

Lab Sample ID: 880-63341-21 MSD

Matrix: Solid

Analysis Batch: 120341

Client Sample ID: CS-21 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	118		251	363.9		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-63341-31 MS

Matrix: Solid

Analysis Batch: 120341

Client Sample ID: CS-31 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	166		251	414.9		mg/Kg		99	90 - 110

Lab Sample ID: 880-63341-31 MSD

Matrix: Solid

Analysis Batch: 120341

Client Sample ID: CS-31 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	166		251	416.2		mg/Kg		100	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-120273/1-A

Matrix: Solid

Analysis Batch: 120359

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			10/02/25 18:19	1

Lab Sample ID: LCS 880-120273/2-A

Matrix: Solid

Analysis Batch: 120359

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.2		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-120273/3-A

Matrix: Solid

Analysis Batch: 120359

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	243.5		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 880-63341-41 MS

Matrix: Solid

Analysis Batch: 120359

Client Sample ID: CS-41 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	375		252	615.3		mg/Kg		95	90 - 110

Lab Sample ID: 880-63341-41 MSD

Matrix: Solid

Analysis Batch: 120359

Client Sample ID: CS-41 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	375		252	617.0		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-63341-51 MS

Matrix: Solid

Analysis Batch: 120359

Client Sample ID: SW-1 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	217		249	448.1		mg/Kg		93	90 - 110

Lab Sample ID: 880-63341-51 MSD

Matrix: Solid

Analysis Batch: 120359

Client Sample ID: SW-1 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	217		249	449.3		mg/Kg		93	90 - 110	0	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

GC VOA

Prep Batch: 120162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-120162/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 120262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-21	CS-21 (4')	Total/NA	Solid	8021B	120290
880-63341-22	CS-22 (4')	Total/NA	Solid	8021B	120290
880-63341-23	CS-23 (4')	Total/NA	Solid	8021B	120290
880-63341-24	CS-24 (4')	Total/NA	Solid	8021B	120290
880-63341-25	CS-25 (4')	Total/NA	Solid	8021B	120290
880-63341-26	CS-26 (4')	Total/NA	Solid	8021B	120290
880-63341-27	CS-27 (4')	Total/NA	Solid	8021B	120290
880-63341-28	CS-28 (4')	Total/NA	Solid	8021B	120290
880-63341-29	CS-29 (4')	Total/NA	Solid	8021B	120290
880-63341-30	CS-30 (4')	Total/NA	Solid	8021B	120290
880-63341-31	CS-31 (4')	Total/NA	Solid	8021B	120290
880-63341-32	CS-32 (4')	Total/NA	Solid	8021B	120290
880-63341-33	CS-33 (4')	Total/NA	Solid	8021B	120290
880-63341-34	CS-34 (4')	Total/NA	Solid	8021B	120290
880-63341-35	CS-35 (4')	Total/NA	Solid	8021B	120290
880-63341-36	CS-36 (4')	Total/NA	Solid	8021B	120290
880-63341-37	CS-37 (4')	Total/NA	Solid	8021B	120290
880-63341-38	CS-38 (4')	Total/NA	Solid	8021B	120290
880-63341-39	CS-39 (4')	Total/NA	Solid	8021B	120290
880-63341-40	CS-40 (4')	Total/NA	Solid	8021B	120290
MB 880-120290/5-A	Method Blank	Total/NA	Solid	8021B	120290
LCS 880-120290/1-A	Lab Control Sample	Total/NA	Solid	8021B	120290
LCSD 880-120290/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	120290
880-63341-21 MS	CS-21 (4')	Total/NA	Solid	8021B	120290
880-63341-21 MSD	CS-21 (4')	Total/NA	Solid	8021B	120290

Analysis Batch: 120263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-1	CS-1 (4')	Total/NA	Solid	8021B	120289
880-63341-2	CS-2 (4')	Total/NA	Solid	8021B	120289
880-63341-3	CS-3 (4')	Total/NA	Solid	8021B	120289
880-63341-4	CS-4 (4')	Total/NA	Solid	8021B	120289
880-63341-5	CS-5 (4')	Total/NA	Solid	8021B	120289
MB 880-120289/5-A	Method Blank	Total/NA	Solid	8021B	120289
LCS 880-120289/1-A	Lab Control Sample	Total/NA	Solid	8021B	120289
LCSD 880-120289/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	120289
880-63341-1 MS	CS-1 (4')	Total/NA	Solid	8021B	120289
880-63341-1 MSD	CS-1 (4')	Total/NA	Solid	8021B	120289

Analysis Batch: 120265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-41	CS-41 (4')	Total/NA	Solid	8021B	120291
880-63341-42	CS-42 (4')	Total/NA	Solid	8021B	120291
880-63341-43	CS-43 (4')	Total/NA	Solid	8021B	120291
880-63341-44	CS-44 (4')	Total/NA	Solid	8021B	120291
880-63341-45	CS-45 (4')	Total/NA	Solid	8021B	120291
880-63341-46	CS-46 (4')	Total/NA	Solid	8021B	120291

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

GC VOA (Continued)

Analysis Batch: 120265 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-47	CS-47 (4')	Total/NA	Solid	8021B	120291
880-63341-48	CS-48 (4')	Total/NA	Solid	8021B	120291
880-63341-49	CS-49 (4')	Total/NA	Solid	8021B	120291
880-63341-50	CS-50 (4')	Total/NA	Solid	8021B	120291
880-63341-51	SW-1 (4')	Total/NA	Solid	8021B	120291
880-63341-52	SW-2 (4')	Total/NA	Solid	8021B	120291
880-63341-53	SW-3 (4')	Total/NA	Solid	8021B	120291
880-63341-54	SW-4 (4')	Total/NA	Solid	8021B	120291
880-63341-55	SW-5 (4')	Total/NA	Solid	8021B	120291
880-63341-56	SW-6 (4')	Total/NA	Solid	8021B	120291
880-63341-57	SW-7 (4')	Total/NA	Solid	8021B	120291
MB 880-120162/5-A	Method Blank	Total/NA	Solid	8021B	120162
MB 880-120291/5-A	Method Blank	Total/NA	Solid	8021B	120291
LCS 880-120291/1-A	Lab Control Sample	Total/NA	Solid	8021B	120291
LCSD 880-120291/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	120291
880-63341-41 MS	CS-41 (4')	Total/NA	Solid	8021B	120291
880-63341-41 MSD	CS-41 (4')	Total/NA	Solid	8021B	120291

Prep Batch: 120289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-1	CS-1 (4')	Total/NA	Solid	5035	
880-63341-2	CS-2 (4')	Total/NA	Solid	5035	
880-63341-3	CS-3 (4')	Total/NA	Solid	5035	
880-63341-4	CS-4 (4')	Total/NA	Solid	5035	
880-63341-5	CS-5 (4')	Total/NA	Solid	5035	
MB 880-120289/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-120289/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-120289/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63341-1 MS	CS-1 (4')	Total/NA	Solid	5035	
880-63341-1 MSD	CS-1 (4')	Total/NA	Solid	5035	

Prep Batch: 120290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-21	CS-21 (4')	Total/NA	Solid	5035	
880-63341-22	CS-22 (4')	Total/NA	Solid	5035	
880-63341-23	CS-23 (4')	Total/NA	Solid	5035	
880-63341-24	CS-24 (4')	Total/NA	Solid	5035	
880-63341-25	CS-25 (4')	Total/NA	Solid	5035	
880-63341-26	CS-26 (4')	Total/NA	Solid	5035	
880-63341-27	CS-27 (4')	Total/NA	Solid	5035	
880-63341-28	CS-28 (4')	Total/NA	Solid	5035	
880-63341-29	CS-29 (4')	Total/NA	Solid	5035	
880-63341-30	CS-30 (4')	Total/NA	Solid	5035	
880-63341-31	CS-31 (4')	Total/NA	Solid	5035	
880-63341-32	CS-32 (4')	Total/NA	Solid	5035	
880-63341-33	CS-33 (4')	Total/NA	Solid	5035	
880-63341-34	CS-34 (4')	Total/NA	Solid	5035	
880-63341-35	CS-35 (4')	Total/NA	Solid	5035	
880-63341-36	CS-36 (4')	Total/NA	Solid	5035	
880-63341-37	CS-37 (4')	Total/NA	Solid	5035	
880-63341-38	CS-38 (4')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

GC VOA (Continued)

Prep Batch: 120290 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-39	CS-39 (4')	Total/NA	Solid	5035	
880-63341-40	CS-40 (4')	Total/NA	Solid	5035	
MB 880-120290/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-120290/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-120290/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63341-21 MS	CS-21 (4')	Total/NA	Solid	5035	
880-63341-21 MSD	CS-21 (4')	Total/NA	Solid	5035	

Prep Batch: 120291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-41	CS-41 (4')	Total/NA	Solid	5035	
880-63341-42	CS-42 (4')	Total/NA	Solid	5035	
880-63341-43	CS-43 (4')	Total/NA	Solid	5035	
880-63341-44	CS-44 (4')	Total/NA	Solid	5035	
880-63341-45	CS-45 (4')	Total/NA	Solid	5035	
880-63341-46	CS-46 (4')	Total/NA	Solid	5035	
880-63341-47	CS-47 (4')	Total/NA	Solid	5035	
880-63341-48	CS-48 (4')	Total/NA	Solid	5035	
880-63341-49	CS-49 (4')	Total/NA	Solid	5035	
880-63341-50	CS-50 (4')	Total/NA	Solid	5035	
880-63341-51	SW-1 (4')	Total/NA	Solid	5035	
880-63341-52	SW-2 (4')	Total/NA	Solid	5035	
880-63341-53	SW-3 (4')	Total/NA	Solid	5035	
880-63341-54	SW-4 (4')	Total/NA	Solid	5035	
880-63341-55	SW-5 (4')	Total/NA	Solid	5035	
880-63341-56	SW-6 (4')	Total/NA	Solid	5035	
880-63341-57	SW-7 (4')	Total/NA	Solid	5035	
MB 880-120291/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-120291/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-120291/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63341-41 MS	CS-41 (4')	Total/NA	Solid	5035	
880-63341-41 MSD	CS-41 (4')	Total/NA	Solid	5035	

Analysis Batch: 120402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-6	CS-6 (4')	Total/NA	Solid	8021B	120408
880-63341-9	CS-9 (4')	Total/NA	Solid	8021B	120408
880-63341-10	CS-10 (4')	Total/NA	Solid	8021B	120408
880-63341-11	CS-11 (4')	Total/NA	Solid	8021B	120408
880-63341-12	CS-12 (4')	Total/NA	Solid	8021B	120408
880-63341-13	CS-13 (4')	Total/NA	Solid	8021B	120408
880-63341-14	CS-14 (4')	Total/NA	Solid	8021B	120408
880-63341-15	CS-15 (4')	Total/NA	Solid	8021B	120408
880-63341-16	CS-16 (4')	Total/NA	Solid	8021B	120408
880-63341-17	CS-17 (4')	Total/NA	Solid	8021B	120408
880-63341-18	CS-18 (4')	Total/NA	Solid	8021B	120408
880-63341-19	CS-19 (4')	Total/NA	Solid	8021B	120408
880-63341-20	CS-20 (4')	Total/NA	Solid	8021B	120408
MB 880-120408/5-A	Method Blank	Total/NA	Solid	8021B	120408
LCS 880-120408/1-A	Lab Control Sample	Total/NA	Solid	8021B	120408
LCSD 880-120408/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	120408

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

GC VOA (Continued)

Analysis Batch: 120402 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-6 MS	CS-6 (4')	Total/NA	Solid	8021B	120408
880-63341-6 MSD	CS-6 (4')	Total/NA	Solid	8021B	120408

Prep Batch: 120408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-6	CS-6 (4')	Total/NA	Solid	5035	
880-63341-9	CS-9 (4')	Total/NA	Solid	5035	
880-63341-10	CS-10 (4')	Total/NA	Solid	5035	
880-63341-11	CS-11 (4')	Total/NA	Solid	5035	
880-63341-12	CS-12 (4')	Total/NA	Solid	5035	
880-63341-13	CS-13 (4')	Total/NA	Solid	5035	
880-63341-14	CS-14 (4')	Total/NA	Solid	5035	
880-63341-15	CS-15 (4')	Total/NA	Solid	5035	
880-63341-16	CS-16 (4')	Total/NA	Solid	5035	
880-63341-17	CS-17 (4')	Total/NA	Solid	5035	
880-63341-18	CS-18 (4')	Total/NA	Solid	5035	
880-63341-19	CS-19 (4')	Total/NA	Solid	5035	
880-63341-20	CS-20 (4')	Total/NA	Solid	5035	
MB 880-120408/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-120408/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-120408/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63341-6 MS	CS-6 (4')	Total/NA	Solid	5035	
880-63341-6 MSD	CS-6 (4')	Total/NA	Solid	5035	

Analysis Batch: 120418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-1	CS-1 (4')	Total/NA	Solid	Total BTEX	
880-63341-2	CS-2 (4')	Total/NA	Solid	Total BTEX	
880-63341-3	CS-3 (4')	Total/NA	Solid	Total BTEX	
880-63341-4	CS-4 (4')	Total/NA	Solid	Total BTEX	
880-63341-5	CS-5 (4')	Total/NA	Solid	Total BTEX	
880-63341-6	CS-6 (4')	Total/NA	Solid	Total BTEX	
880-63341-7	CS-7 (4')	Total/NA	Solid	Total BTEX	
880-63341-8	CS-8 (4')	Total/NA	Solid	Total BTEX	
880-63341-9	CS-9 (4')	Total/NA	Solid	Total BTEX	
880-63341-10	CS-10 (4')	Total/NA	Solid	Total BTEX	
880-63341-11	CS-11 (4')	Total/NA	Solid	Total BTEX	
880-63341-12	CS-12 (4')	Total/NA	Solid	Total BTEX	
880-63341-13	CS-13 (4')	Total/NA	Solid	Total BTEX	
880-63341-14	CS-14 (4')	Total/NA	Solid	Total BTEX	
880-63341-15	CS-15 (4')	Total/NA	Solid	Total BTEX	
880-63341-16	CS-16 (4')	Total/NA	Solid	Total BTEX	
880-63341-17	CS-17 (4')	Total/NA	Solid	Total BTEX	
880-63341-18	CS-18 (4')	Total/NA	Solid	Total BTEX	
880-63341-19	CS-19 (4')	Total/NA	Solid	Total BTEX	
880-63341-20	CS-20 (4')	Total/NA	Solid	Total BTEX	
880-63341-21	CS-21 (4')	Total/NA	Solid	Total BTEX	
880-63341-22	CS-22 (4')	Total/NA	Solid	Total BTEX	
880-63341-23	CS-23 (4')	Total/NA	Solid	Total BTEX	
880-63341-24	CS-24 (4')	Total/NA	Solid	Total BTEX	
880-63341-25	CS-25 (4')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

GC VOA (Continued)

Analysis Batch: 120418 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-26	CS-26 (4')	Total/NA	Solid	Total BTEX	
880-63341-27	CS-27 (4')	Total/NA	Solid	Total BTEX	
880-63341-28	CS-28 (4')	Total/NA	Solid	Total BTEX	
880-63341-29	CS-29 (4')	Total/NA	Solid	Total BTEX	
880-63341-30	CS-30 (4')	Total/NA	Solid	Total BTEX	
880-63341-31	CS-31 (4')	Total/NA	Solid	Total BTEX	
880-63341-32	CS-32 (4')	Total/NA	Solid	Total BTEX	
880-63341-33	CS-33 (4')	Total/NA	Solid	Total BTEX	
880-63341-34	CS-34 (4')	Total/NA	Solid	Total BTEX	
880-63341-35	CS-35 (4')	Total/NA	Solid	Total BTEX	
880-63341-36	CS-36 (4')	Total/NA	Solid	Total BTEX	
880-63341-37	CS-37 (4')	Total/NA	Solid	Total BTEX	
880-63341-38	CS-38 (4')	Total/NA	Solid	Total BTEX	
880-63341-39	CS-39 (4')	Total/NA	Solid	Total BTEX	
880-63341-40	CS-40 (4')	Total/NA	Solid	Total BTEX	
880-63341-41	CS-41 (4')	Total/NA	Solid	Total BTEX	
880-63341-42	CS-42 (4')	Total/NA	Solid	Total BTEX	
880-63341-43	CS-43 (4')	Total/NA	Solid	Total BTEX	
880-63341-44	CS-44 (4')	Total/NA	Solid	Total BTEX	
880-63341-45	CS-45 (4')	Total/NA	Solid	Total BTEX	
880-63341-46	CS-46 (4')	Total/NA	Solid	Total BTEX	
880-63341-47	CS-47 (4')	Total/NA	Solid	Total BTEX	
880-63341-48	CS-48 (4')	Total/NA	Solid	Total BTEX	
880-63341-49	CS-49 (4')	Total/NA	Solid	Total BTEX	
880-63341-50	CS-50 (4')	Total/NA	Solid	Total BTEX	
880-63341-51	SW-1 (4')	Total/NA	Solid	Total BTEX	
880-63341-52	SW-2 (4')	Total/NA	Solid	Total BTEX	
880-63341-53	SW-3 (4')	Total/NA	Solid	Total BTEX	
880-63341-54	SW-4 (4')	Total/NA	Solid	Total BTEX	
880-63341-55	SW-5 (4')	Total/NA	Solid	Total BTEX	
880-63341-56	SW-6 (4')	Total/NA	Solid	Total BTEX	
880-63341-57	SW-7 (4')	Total/NA	Solid	Total BTEX	

Prep Batch: 120457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-7	CS-7 (4')	Total/NA	Solid	5035	
880-63341-8	CS-8 (4')	Total/NA	Solid	5035	
MB 880-120457/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-120457/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-120457/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8906-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
890-8906-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 120472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-7	CS-7 (4')	Total/NA	Solid	8021B	120457
880-63341-8	CS-8 (4')	Total/NA	Solid	8021B	120457
MB 880-120457/5-A	Method Blank	Total/NA	Solid	8021B	120457
LCS 880-120457/1-A	Lab Control Sample	Total/NA	Solid	8021B	120457
LCSD 880-120457/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	120457
890-8906-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	120457

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

GC VOA (Continued)

Analysis Batch: 120472 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8906-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	120457

GC Semi VOA

Prep Batch: 120234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-54	SW-4 (4')	Total/NA	Solid	8015NM Prep	
880-63341-55	SW-5 (4')	Total/NA	Solid	8015NM Prep	
MB 880-120234/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-120234/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-120234/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63402-A-31-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-63402-A-31-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 120258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-1	CS-1 (4')	Total/NA	Solid	8015NM Prep	
880-63341-2	CS-2 (4')	Total/NA	Solid	8015NM Prep	
880-63341-3	CS-3 (4')	Total/NA	Solid	8015NM Prep	
880-63341-4	CS-4 (4')	Total/NA	Solid	8015NM Prep	
880-63341-5	CS-5 (4')	Total/NA	Solid	8015NM Prep	
880-63341-6	CS-6 (4')	Total/NA	Solid	8015NM Prep	
880-63341-7	CS-7 (4')	Total/NA	Solid	8015NM Prep	
880-63341-8	CS-8 (4')	Total/NA	Solid	8015NM Prep	
880-63341-9	CS-9 (4')	Total/NA	Solid	8015NM Prep	
880-63341-10	CS-10 (4')	Total/NA	Solid	8015NM Prep	
880-63341-11	CS-11 (4')	Total/NA	Solid	8015NM Prep	
880-63341-12	CS-12 (4')	Total/NA	Solid	8015NM Prep	
880-63341-13	CS-13 (4')	Total/NA	Solid	8015NM Prep	
880-63341-14	CS-14 (4')	Total/NA	Solid	8015NM Prep	
880-63341-15	CS-15 (4')	Total/NA	Solid	8015NM Prep	
880-63341-16	CS-16 (4')	Total/NA	Solid	8015NM Prep	
880-63341-17	CS-17 (4')	Total/NA	Solid	8015NM Prep	
880-63341-18	CS-18 (4')	Total/NA	Solid	8015NM Prep	
MB 880-120258/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-120258/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-120258/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8893-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8893-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 120259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-19	CS-19 (4')	Total/NA	Solid	8015NM Prep	
880-63341-20	CS-20 (4')	Total/NA	Solid	8015NM Prep	
880-63341-21	CS-21 (4')	Total/NA	Solid	8015NM Prep	
880-63341-22	CS-22 (4')	Total/NA	Solid	8015NM Prep	
880-63341-23	CS-23 (4')	Total/NA	Solid	8015NM Prep	
880-63341-24	CS-24 (4')	Total/NA	Solid	8015NM Prep	
880-63341-25	CS-25 (4')	Total/NA	Solid	8015NM Prep	
880-63341-26	CS-26 (4')	Total/NA	Solid	8015NM Prep	
880-63341-27	CS-27 (4')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

GC Semi VOA (Continued)

Prep Batch: 120259 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-28	CS-28 (4')	Total/NA	Solid	8015NM Prep	
880-63341-29	CS-29 (4')	Total/NA	Solid	8015NM Prep	
880-63341-30	CS-30 (4')	Total/NA	Solid	8015NM Prep	
880-63341-31	CS-31 (4')	Total/NA	Solid	8015NM Prep	
880-63341-32	CS-32 (4')	Total/NA	Solid	8015NM Prep	
880-63341-33	CS-33 (4')	Total/NA	Solid	8015NM Prep	
880-63341-34	CS-34 (4')	Total/NA	Solid	8015NM Prep	
880-63341-35	CS-35 (4')	Total/NA	Solid	8015NM Prep	
880-63341-36	CS-36 (4')	Total/NA	Solid	8015NM Prep	
MB 880-120259/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-120259/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-120259/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8893-A-3-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8893-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 120267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-37	CS-37 (4')	Total/NA	Solid	8015NM Prep	
880-63341-38	CS-38 (4')	Total/NA	Solid	8015NM Prep	
880-63341-39	CS-39 (4')	Total/NA	Solid	8015NM Prep	
880-63341-40	CS-40 (4')	Total/NA	Solid	8015NM Prep	
880-63341-41	CS-41 (4')	Total/NA	Solid	8015NM Prep	
880-63341-42	CS-42 (4')	Total/NA	Solid	8015NM Prep	
880-63341-43	CS-43 (4')	Total/NA	Solid	8015NM Prep	
880-63341-44	CS-44 (4')	Total/NA	Solid	8015NM Prep	
880-63341-45	CS-45 (4')	Total/NA	Solid	8015NM Prep	
880-63341-46	CS-46 (4')	Total/NA	Solid	8015NM Prep	
880-63341-47	CS-47 (4')	Total/NA	Solid	8015NM Prep	
880-63341-50	CS-50 (4')	Total/NA	Solid	8015NM Prep	
880-63341-51	SW-1 (4')	Total/NA	Solid	8015NM Prep	
880-63341-52	SW-2 (4')	Total/NA	Solid	8015NM Prep	
880-63341-53	SW-3 (4')	Total/NA	Solid	8015NM Prep	
880-63341-56	SW-6 (4')	Total/NA	Solid	8015NM Prep	
MB 880-120267/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-120267/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-120267/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63341-37 MS	CS-37 (4')	Total/NA	Solid	8015NM Prep	
880-63341-37 MSD	CS-37 (4')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 120282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-1	CS-1 (4')	Total/NA	Solid	8015B NM	120258
880-63341-2	CS-2 (4')	Total/NA	Solid	8015B NM	120258
880-63341-3	CS-3 (4')	Total/NA	Solid	8015B NM	120258
880-63341-4	CS-4 (4')	Total/NA	Solid	8015B NM	120258
880-63341-5	CS-5 (4')	Total/NA	Solid	8015B NM	120258
880-63341-6	CS-6 (4')	Total/NA	Solid	8015B NM	120258
880-63341-7	CS-7 (4')	Total/NA	Solid	8015B NM	120258
880-63341-8	CS-8 (4')	Total/NA	Solid	8015B NM	120258
880-63341-9	CS-9 (4')	Total/NA	Solid	8015B NM	120258
880-63341-10	CS-10 (4')	Total/NA	Solid	8015B NM	120258

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

GC Semi VOA (Continued)

Analysis Batch: 120282 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-11	CS-11 (4')	Total/NA	Solid	8015B NM	120258
880-63341-12	CS-12 (4')	Total/NA	Solid	8015B NM	120258
880-63341-13	CS-13 (4')	Total/NA	Solid	8015B NM	120258
880-63341-14	CS-14 (4')	Total/NA	Solid	8015B NM	120258
880-63341-15	CS-15 (4')	Total/NA	Solid	8015B NM	120258
880-63341-16	CS-16 (4')	Total/NA	Solid	8015B NM	120258
880-63341-17	CS-17 (4')	Total/NA	Solid	8015B NM	120258
880-63341-18	CS-18 (4')	Total/NA	Solid	8015B NM	120258
MB 880-120258/1-A	Method Blank	Total/NA	Solid	8015B NM	120258
LCS 880-120258/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	120258
LCSD 880-120258/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	120258
890-8893-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	120258
890-8893-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	120258

Analysis Batch: 120284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-19	CS-19 (4')	Total/NA	Solid	8015B NM	120259
880-63341-20	CS-20 (4')	Total/NA	Solid	8015B NM	120259
880-63341-21	CS-21 (4')	Total/NA	Solid	8015B NM	120259
880-63341-22	CS-22 (4')	Total/NA	Solid	8015B NM	120259
880-63341-23	CS-23 (4')	Total/NA	Solid	8015B NM	120259
880-63341-24	CS-24 (4')	Total/NA	Solid	8015B NM	120259
880-63341-25	CS-25 (4')	Total/NA	Solid	8015B NM	120259
880-63341-26	CS-26 (4')	Total/NA	Solid	8015B NM	120259
880-63341-27	CS-27 (4')	Total/NA	Solid	8015B NM	120259
880-63341-28	CS-28 (4')	Total/NA	Solid	8015B NM	120259
880-63341-29	CS-29 (4')	Total/NA	Solid	8015B NM	120259
880-63341-30	CS-30 (4')	Total/NA	Solid	8015B NM	120259
880-63341-31	CS-31 (4')	Total/NA	Solid	8015B NM	120259
880-63341-32	CS-32 (4')	Total/NA	Solid	8015B NM	120259
880-63341-33	CS-33 (4')	Total/NA	Solid	8015B NM	120259
880-63341-34	CS-34 (4')	Total/NA	Solid	8015B NM	120259
880-63341-35	CS-35 (4')	Total/NA	Solid	8015B NM	120259
880-63341-36	CS-36 (4')	Total/NA	Solid	8015B NM	120259
MB 880-120259/1-A	Method Blank	Total/NA	Solid	8015B NM	120259
LCS 880-120259/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	120259
LCSD 880-120259/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	120259
890-8893-A-3-C MS	Matrix Spike	Total/NA	Solid	8015B NM	120259
890-8893-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	120259

Analysis Batch: 120358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-1	CS-1 (4')	Total/NA	Solid	8015 NM	
880-63341-2	CS-2 (4')	Total/NA	Solid	8015 NM	
880-63341-3	CS-3 (4')	Total/NA	Solid	8015 NM	
880-63341-4	CS-4 (4')	Total/NA	Solid	8015 NM	
880-63341-5	CS-5 (4')	Total/NA	Solid	8015 NM	
880-63341-6	CS-6 (4')	Total/NA	Solid	8015 NM	
880-63341-7	CS-7 (4')	Total/NA	Solid	8015 NM	
880-63341-8	CS-8 (4')	Total/NA	Solid	8015 NM	
880-63341-9	CS-9 (4')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

GC Semi VOA (Continued)

Analysis Batch: 120358 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-10	CS-10 (4')	Total/NA	Solid	8015 NM	
880-63341-11	CS-11 (4')	Total/NA	Solid	8015 NM	
880-63341-12	CS-12 (4')	Total/NA	Solid	8015 NM	
880-63341-13	CS-13 (4')	Total/NA	Solid	8015 NM	
880-63341-14	CS-14 (4')	Total/NA	Solid	8015 NM	
880-63341-15	CS-15 (4')	Total/NA	Solid	8015 NM	
880-63341-16	CS-16 (4')	Total/NA	Solid	8015 NM	
880-63341-17	CS-17 (4')	Total/NA	Solid	8015 NM	
880-63341-18	CS-18 (4')	Total/NA	Solid	8015 NM	
880-63341-19	CS-19 (4')	Total/NA	Solid	8015 NM	
880-63341-20	CS-20 (4')	Total/NA	Solid	8015 NM	
880-63341-21	CS-21 (4')	Total/NA	Solid	8015 NM	
880-63341-22	CS-22 (4')	Total/NA	Solid	8015 NM	
880-63341-23	CS-23 (4')	Total/NA	Solid	8015 NM	
880-63341-24	CS-24 (4')	Total/NA	Solid	8015 NM	
880-63341-25	CS-25 (4')	Total/NA	Solid	8015 NM	
880-63341-26	CS-26 (4')	Total/NA	Solid	8015 NM	
880-63341-27	CS-27 (4')	Total/NA	Solid	8015 NM	
880-63341-28	CS-28 (4')	Total/NA	Solid	8015 NM	
880-63341-29	CS-29 (4')	Total/NA	Solid	8015 NM	
880-63341-30	CS-30 (4')	Total/NA	Solid	8015 NM	
880-63341-31	CS-31 (4')	Total/NA	Solid	8015 NM	
880-63341-32	CS-32 (4')	Total/NA	Solid	8015 NM	
880-63341-33	CS-33 (4')	Total/NA	Solid	8015 NM	
880-63341-34	CS-34 (4')	Total/NA	Solid	8015 NM	
880-63341-35	CS-35 (4')	Total/NA	Solid	8015 NM	
880-63341-36	CS-36 (4')	Total/NA	Solid	8015 NM	
880-63341-37	CS-37 (4')	Total/NA	Solid	8015 NM	
880-63341-38	CS-38 (4')	Total/NA	Solid	8015 NM	
880-63341-39	CS-39 (4')	Total/NA	Solid	8015 NM	
880-63341-40	CS-40 (4')	Total/NA	Solid	8015 NM	
880-63341-41	CS-41 (4')	Total/NA	Solid	8015 NM	
880-63341-42	CS-42 (4')	Total/NA	Solid	8015 NM	
880-63341-43	CS-43 (4')	Total/NA	Solid	8015 NM	
880-63341-44	CS-44 (4')	Total/NA	Solid	8015 NM	
880-63341-45	CS-45 (4')	Total/NA	Solid	8015 NM	
880-63341-46	CS-46 (4')	Total/NA	Solid	8015 NM	
880-63341-47	CS-47 (4')	Total/NA	Solid	8015 NM	
880-63341-48	CS-48 (4')	Total/NA	Solid	8015 NM	
880-63341-49	CS-49 (4')	Total/NA	Solid	8015 NM	
880-63341-50	CS-50 (4')	Total/NA	Solid	8015 NM	
880-63341-51	SW-1 (4')	Total/NA	Solid	8015 NM	
880-63341-52	SW-2 (4')	Total/NA	Solid	8015 NM	
880-63341-53	SW-3 (4')	Total/NA	Solid	8015 NM	
880-63341-54	SW-4 (4')	Total/NA	Solid	8015 NM	
880-63341-55	SW-5 (4')	Total/NA	Solid	8015 NM	
880-63341-56	SW-6 (4')	Total/NA	Solid	8015 NM	
880-63341-57	SW-7 (4')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

GC Semi VOA

Prep Batch: 120404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-48	CS-48 (4')	Total/NA	Solid	8015NM Prep	
880-63341-49	CS-49 (4')	Total/NA	Solid	8015NM Prep	
880-63341-57	SW-7 (4')	Total/NA	Solid	8015NM Prep	
MB 880-120404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-120404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-120404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63341-57 MS	SW-7 (4')	Total/NA	Solid	8015NM Prep	
880-63341-57 MSD	SW-7 (4')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 120440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-37	CS-37 (4')	Total/NA	Solid	8015B NM	120267
880-63341-38	CS-38 (4')	Total/NA	Solid	8015B NM	120267
880-63341-39	CS-39 (4')	Total/NA	Solid	8015B NM	120267
880-63341-40	CS-40 (4')	Total/NA	Solid	8015B NM	120267
880-63341-41	CS-41 (4')	Total/NA	Solid	8015B NM	120267
880-63341-42	CS-42 (4')	Total/NA	Solid	8015B NM	120267
880-63341-43	CS-43 (4')	Total/NA	Solid	8015B NM	120267
880-63341-44	CS-44 (4')	Total/NA	Solid	8015B NM	120267
880-63341-45	CS-45 (4')	Total/NA	Solid	8015B NM	120267
880-63341-46	CS-46 (4')	Total/NA	Solid	8015B NM	120267
880-63341-47	CS-47 (4')	Total/NA	Solid	8015B NM	120267
880-63341-50	CS-50 (4')	Total/NA	Solid	8015B NM	120267
880-63341-51	SW-1 (4')	Total/NA	Solid	8015B NM	120267
880-63341-52	SW-2 (4')	Total/NA	Solid	8015B NM	120267
880-63341-53	SW-3 (4')	Total/NA	Solid	8015B NM	120267
880-63341-56	SW-6 (4')	Total/NA	Solid	8015B NM	120267
MB 880-120267/1-A	Method Blank	Total/NA	Solid	8015B NM	120267
LCS 880-120267/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	120267
LCSD 880-120267/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	120267
880-63341-37 MS	CS-37 (4')	Total/NA	Solid	8015B NM	120267
880-63341-37 MSD	CS-37 (4')	Total/NA	Solid	8015B NM	120267

Analysis Batch: 120510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-48	CS-48 (4')	Total/NA	Solid	8015B NM	120404
880-63341-49	CS-49 (4')	Total/NA	Solid	8015B NM	120404
880-63341-57	SW-7 (4')	Total/NA	Solid	8015B NM	120404
MB 880-120404/1-A	Method Blank	Total/NA	Solid	8015B NM	120404
LCS 880-120404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	120404
LCSD 880-120404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	120404
880-63341-57 MS	SW-7 (4')	Total/NA	Solid	8015B NM	120404
880-63341-57 MSD	SW-7 (4')	Total/NA	Solid	8015B NM	120404

Analysis Batch: 120549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-54	SW-4 (4')	Total/NA	Solid	8015B NM	120234
880-63341-55	SW-5 (4')	Total/NA	Solid	8015B NM	120234
MB 880-120234/1-A	Method Blank	Total/NA	Solid	8015B NM	120234
LCS 880-120234/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	120234
LCSD 880-120234/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	120234

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

GC Semi VOA (Continued)

Analysis Batch: 120549 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63402-A-31-D MS	Matrix Spike	Total/NA	Solid	8015B NM	120234
880-63402-A-31-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	120234

HPLC/IC

Leach Batch: 120269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-1	CS-1 (4')	Soluble	Solid	DI Leach	
880-63341-2	CS-2 (4')	Soluble	Solid	DI Leach	
880-63341-3	CS-3 (4')	Soluble	Solid	DI Leach	
880-63341-4	CS-4 (4')	Soluble	Solid	DI Leach	
880-63341-5	CS-5 (4')	Soluble	Solid	DI Leach	
880-63341-6	CS-6 (4')	Soluble	Solid	DI Leach	
880-63341-7	CS-7 (4')	Soluble	Solid	DI Leach	
880-63341-8	CS-8 (4')	Soluble	Solid	DI Leach	
880-63341-9	CS-9 (4')	Soluble	Solid	DI Leach	
880-63341-10	CS-10 (4')	Soluble	Solid	DI Leach	
880-63341-11	CS-11 (4')	Soluble	Solid	DI Leach	
880-63341-12	CS-12 (4')	Soluble	Solid	DI Leach	
880-63341-13	CS-13 (4')	Soluble	Solid	DI Leach	
880-63341-14	CS-14 (4')	Soluble	Solid	DI Leach	
880-63341-15	CS-15 (4')	Soluble	Solid	DI Leach	
880-63341-16	CS-16 (4')	Soluble	Solid	DI Leach	
880-63341-17	CS-17 (4')	Soluble	Solid	DI Leach	
880-63341-18	CS-18 (4')	Soluble	Solid	DI Leach	
880-63341-19	CS-19 (4')	Soluble	Solid	DI Leach	
880-63341-20	CS-20 (4')	Soluble	Solid	DI Leach	
MB 880-120269/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-120269/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-120269/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63341-1 MS	CS-1 (4')	Soluble	Solid	DI Leach	
880-63341-1 MSD	CS-1 (4')	Soluble	Solid	DI Leach	
880-63341-11 MS	CS-11 (4')	Soluble	Solid	DI Leach	
880-63341-11 MSD	CS-11 (4')	Soluble	Solid	DI Leach	

Leach Batch: 120270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-21	CS-21 (4')	Soluble	Solid	DI Leach	
880-63341-22	CS-22 (4')	Soluble	Solid	DI Leach	
880-63341-23	CS-23 (4')	Soluble	Solid	DI Leach	
880-63341-24	CS-24 (4')	Soluble	Solid	DI Leach	
880-63341-25	CS-25 (4')	Soluble	Solid	DI Leach	
880-63341-26	CS-26 (4')	Soluble	Solid	DI Leach	
880-63341-27	CS-27 (4')	Soluble	Solid	DI Leach	
880-63341-28	CS-28 (4')	Soluble	Solid	DI Leach	
880-63341-29	CS-29 (4')	Soluble	Solid	DI Leach	
880-63341-30	CS-30 (4')	Soluble	Solid	DI Leach	
880-63341-31	CS-31 (4')	Soluble	Solid	DI Leach	
880-63341-32	CS-32 (4')	Soluble	Solid	DI Leach	
880-63341-33	CS-33 (4')	Soluble	Solid	DI Leach	
880-63341-34	CS-34 (4')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

HPLC/IC (Continued)

Leach Batch: 120270 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-35	CS-35 (4')	Soluble	Solid	DI Leach	
880-63341-36	CS-36 (4')	Soluble	Solid	DI Leach	
880-63341-37	CS-37 (4')	Soluble	Solid	DI Leach	
880-63341-38	CS-38 (4')	Soluble	Solid	DI Leach	
880-63341-39	CS-39 (4')	Soluble	Solid	DI Leach	
880-63341-40	CS-40 (4')	Soluble	Solid	DI Leach	
MB 880-120270/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-120270/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-120270/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63341-21 MS	CS-21 (4')	Soluble	Solid	DI Leach	
880-63341-21 MSD	CS-21 (4')	Soluble	Solid	DI Leach	
880-63341-31 MS	CS-31 (4')	Soluble	Solid	DI Leach	
880-63341-31 MSD	CS-31 (4')	Soluble	Solid	DI Leach	

Leach Batch: 120273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-41	CS-41 (4')	Soluble	Solid	DI Leach	
880-63341-42	CS-42 (4')	Soluble	Solid	DI Leach	
880-63341-43	CS-43 (4')	Soluble	Solid	DI Leach	
880-63341-44	CS-44 (4')	Soluble	Solid	DI Leach	
880-63341-45	CS-45 (4')	Soluble	Solid	DI Leach	
880-63341-46	CS-46 (4')	Soluble	Solid	DI Leach	
880-63341-47	CS-47 (4')	Soluble	Solid	DI Leach	
880-63341-48	CS-48 (4')	Soluble	Solid	DI Leach	
880-63341-49	CS-49 (4')	Soluble	Solid	DI Leach	
880-63341-50	CS-50 (4')	Soluble	Solid	DI Leach	
880-63341-51	SW-1 (4')	Soluble	Solid	DI Leach	
880-63341-52	SW-2 (4')	Soluble	Solid	DI Leach	
880-63341-53	SW-3 (4')	Soluble	Solid	DI Leach	
880-63341-54	SW-4 (4')	Soluble	Solid	DI Leach	
880-63341-55	SW-5 (4')	Soluble	Solid	DI Leach	
880-63341-56	SW-6 (4')	Soluble	Solid	DI Leach	
880-63341-57	SW-7 (4')	Soluble	Solid	DI Leach	
MB 880-120273/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-120273/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-120273/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63341-41 MS	CS-41 (4')	Soluble	Solid	DI Leach	
880-63341-41 MSD	CS-41 (4')	Soluble	Solid	DI Leach	
880-63341-51 MS	SW-1 (4')	Soluble	Solid	DI Leach	
880-63341-51 MSD	SW-1 (4')	Soluble	Solid	DI Leach	

Analysis Batch: 120324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-1	CS-1 (4')	Soluble	Solid	300.0	120269
880-63341-2	CS-2 (4')	Soluble	Solid	300.0	120269
880-63341-3	CS-3 (4')	Soluble	Solid	300.0	120269
880-63341-4	CS-4 (4')	Soluble	Solid	300.0	120269
880-63341-5	CS-5 (4')	Soluble	Solid	300.0	120269
880-63341-6	CS-6 (4')	Soluble	Solid	300.0	120269
880-63341-7	CS-7 (4')	Soluble	Solid	300.0	120269
880-63341-8	CS-8 (4')	Soluble	Solid	300.0	120269

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

HPLC/IC (Continued)

Analysis Batch: 120324 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-9	CS-9 (4')	Soluble	Solid	300.0	120269
880-63341-10	CS-10 (4')	Soluble	Solid	300.0	120269
880-63341-11	CS-11 (4')	Soluble	Solid	300.0	120269
880-63341-12	CS-12 (4')	Soluble	Solid	300.0	120269
880-63341-13	CS-13 (4')	Soluble	Solid	300.0	120269
880-63341-14	CS-14 (4')	Soluble	Solid	300.0	120269
880-63341-15	CS-15 (4')	Soluble	Solid	300.0	120269
880-63341-16	CS-16 (4')	Soluble	Solid	300.0	120269
880-63341-17	CS-17 (4')	Soluble	Solid	300.0	120269
880-63341-18	CS-18 (4')	Soluble	Solid	300.0	120269
880-63341-19	CS-19 (4')	Soluble	Solid	300.0	120269
880-63341-20	CS-20 (4')	Soluble	Solid	300.0	120269
MB 880-120269/1-A	Method Blank	Soluble	Solid	300.0	120269
LCS 880-120269/2-A	Lab Control Sample	Soluble	Solid	300.0	120269
LCSD 880-120269/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	120269
880-63341-1 MS	CS-1 (4')	Soluble	Solid	300.0	120269
880-63341-1 MSD	CS-1 (4')	Soluble	Solid	300.0	120269
880-63341-11 MS	CS-11 (4')	Soluble	Solid	300.0	120269
880-63341-11 MSD	CS-11 (4')	Soluble	Solid	300.0	120269

Analysis Batch: 120341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-21	CS-21 (4')	Soluble	Solid	300.0	120270
880-63341-22	CS-22 (4')	Soluble	Solid	300.0	120270
880-63341-23	CS-23 (4')	Soluble	Solid	300.0	120270
880-63341-24	CS-24 (4')	Soluble	Solid	300.0	120270
880-63341-25	CS-25 (4')	Soluble	Solid	300.0	120270
880-63341-26	CS-26 (4')	Soluble	Solid	300.0	120270
880-63341-27	CS-27 (4')	Soluble	Solid	300.0	120270
880-63341-28	CS-28 (4')	Soluble	Solid	300.0	120270
880-63341-29	CS-29 (4')	Soluble	Solid	300.0	120270
880-63341-30	CS-30 (4')	Soluble	Solid	300.0	120270
880-63341-31	CS-31 (4')	Soluble	Solid	300.0	120270
880-63341-32	CS-32 (4')	Soluble	Solid	300.0	120270
880-63341-33	CS-33 (4')	Soluble	Solid	300.0	120270
880-63341-34	CS-34 (4')	Soluble	Solid	300.0	120270
880-63341-35	CS-35 (4')	Soluble	Solid	300.0	120270
880-63341-36	CS-36 (4')	Soluble	Solid	300.0	120270
880-63341-37	CS-37 (4')	Soluble	Solid	300.0	120270
880-63341-38	CS-38 (4')	Soluble	Solid	300.0	120270
880-63341-39	CS-39 (4')	Soluble	Solid	300.0	120270
880-63341-40	CS-40 (4')	Soluble	Solid	300.0	120270
MB 880-120270/1-A	Method Blank	Soluble	Solid	300.0	120270
LCS 880-120270/2-A	Lab Control Sample	Soluble	Solid	300.0	120270
LCSD 880-120270/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	120270
880-63341-21 MS	CS-21 (4')	Soluble	Solid	300.0	120270
880-63341-21 MSD	CS-21 (4')	Soluble	Solid	300.0	120270
880-63341-31 MS	CS-31 (4')	Soluble	Solid	300.0	120270
880-63341-31 MSD	CS-31 (4')	Soluble	Solid	300.0	120270

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

HPLC/IC

Analysis Batch: 120359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63341-41	CS-41 (4')	Soluble	Solid	300.0	120273
880-63341-42	CS-42 (4')	Soluble	Solid	300.0	120273
880-63341-43	CS-43 (4')	Soluble	Solid	300.0	120273
880-63341-44	CS-44 (4')	Soluble	Solid	300.0	120273
880-63341-45	CS-45 (4')	Soluble	Solid	300.0	120273
880-63341-46	CS-46 (4')	Soluble	Solid	300.0	120273
880-63341-47	CS-47 (4')	Soluble	Solid	300.0	120273
880-63341-48	CS-48 (4')	Soluble	Solid	300.0	120273
880-63341-49	CS-49 (4')	Soluble	Solid	300.0	120273
880-63341-50	CS-50 (4')	Soluble	Solid	300.0	120273
880-63341-51	SW-1 (4')	Soluble	Solid	300.0	120273
880-63341-52	SW-2 (4')	Soluble	Solid	300.0	120273
880-63341-53	SW-3 (4')	Soluble	Solid	300.0	120273
880-63341-54	SW-4 (4')	Soluble	Solid	300.0	120273
880-63341-55	SW-5 (4')	Soluble	Solid	300.0	120273
880-63341-56	SW-6 (4')	Soluble	Solid	300.0	120273
880-63341-57	SW-7 (4')	Soluble	Solid	300.0	120273
MB 880-120273/1-A	Method Blank	Soluble	Solid	300.0	120273
LCS 880-120273/2-A	Lab Control Sample	Soluble	Solid	300.0	120273
LCSD 880-120273/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	120273
880-63341-41 MS	CS-41 (4')	Soluble	Solid	300.0	120273
880-63341-41 MSD	CS-41 (4')	Soluble	Solid	300.0	120273
880-63341-51 MS	SW-1 (4')	Soluble	Solid	300.0	120273
880-63341-51 MSD	SW-1 (4')	Soluble	Solid	300.0	120273

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-1 (4')

Lab Sample ID: 880-63341-1

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	120289	10/02/25 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120263	10/02/25 16:06	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 16:06	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 11:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 11:16	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 17:51	CS	EET MID

Client Sample ID: CS-2 (4')

Lab Sample ID: 880-63341-2

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	120289	10/02/25 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120263	10/02/25 16:27	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 16:27	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 11:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 11:30	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 18:09	CS	EET MID

Client Sample ID: CS-3 (4')

Lab Sample ID: 880-63341-3

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Prep 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	120289	10/02/25 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120263	10/02/25 16:50	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 16:50	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 11:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 11:45	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 18:15	CS	EET MID

Client Sample ID: CS-4 (4')

Lab Sample ID: 880-63341-4

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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	120289	10/02/25 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120263	10/02/25 17:09	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 17:09	EL	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-4 (4')

Lab Sample ID: 880-63341-4

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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			120358	10/02/25 14:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 14:20	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 18:21	CS	EET MID

Client Sample ID: CS-5 (4')

Lab Sample ID: 880-63341-5

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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	120289	10/02/25 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120263	10/02/25 19:16	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 19:16	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 14:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 14:34	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 18:27	CS	EET MID

Client Sample ID: CS-6 (4')

Lab Sample ID: 880-63341-6

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	120408	10/03/25 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120402	10/03/25 13:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 13:34	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 14:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 14:48	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 18:44	CS	EET MID

Client Sample ID: CS-7 (4')

Lab Sample ID: 880-63341-7

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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	120457	10/03/25 11:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120472	10/03/25 20:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 20:21	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 15:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 15:03	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-7 (4')

Lab Sample ID: 880-63341-7

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 18:50	CS	EET MID

Client Sample ID: CS-8 (4')

Lab Sample ID: 880-63341-8

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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	120457	10/03/25 11:48	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120472	10/03/25 20:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 20:42	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 15:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 15:17	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 21:53	CS	EET MID

Client Sample ID: CS-9 (4')

Lab Sample ID: 880-63341-9

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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	120408	10/03/25 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120402	10/03/25 16:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 16:59	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 18:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 18:17	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 21:59	CS	EET MID

Client Sample ID: CS-10 (4')

Lab Sample ID: 880-63341-10

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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	120408	10/03/25 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120402	10/03/25 17:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 17:19	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 18:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 18:32	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 19:00	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-11 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-11

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	120408	10/03/25 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120402	10/03/25 19:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 19:10	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 18:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 18:46	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 19:05	CS	EET MID

Client Sample ID: CS-12 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-12

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	120408	10/03/25 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120402	10/03/25 19:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 19:31	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 19:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 19:00	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 19:23	CS	EET MID

Client Sample ID: CS-13 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-13

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	120408	10/03/25 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120402	10/03/25 19:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 19:51	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 19:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 19:15	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 19:29	CS	EET MID

Client Sample ID: CS-14 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	120408	10/03/25 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120402	10/03/25 20:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 20:11	EL	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-14 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			120358	10/02/25 19:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 19:29	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 22:05	CS	EET MID

Client Sample ID: CS-15 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	120408	10/03/25 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120402	10/03/25 20:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 20:32	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 19:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 19:43	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 19:48	CS	EET MID

Client Sample ID: CS-16 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	120408	10/03/25 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120402	10/03/25 20:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 20:52	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 19:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 19:58	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 19:54	CS	EET MID

Client Sample ID: CS-17 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	120408	10/03/25 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120402	10/03/25 21:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 21:13	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 20:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 20:12	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-17 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-17

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			4.99 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 22:11	CS	EET MID

Client Sample ID: CS-18 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-18

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			5.02 g	5 mL	120408	10/03/25 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120402	10/03/25 21:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 21:33	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 20:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120258	10/02/25 08:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120282	10/02/25 20:27	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 20:02	CS	EET MID

Client Sample ID: CS-19 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-19

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			5.05 g	5 mL	120408	10/03/25 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120402	10/03/25 21:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 21:54	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 11:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 11:16	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 20:08	CS	EET MID

Client Sample ID: CS-20 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-20

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			4.98 g	5 mL	120408	10/03/25 09:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120402	10/03/25 22:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 22:14	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 11:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 11:30	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	120269	10/02/25 08:36	SI	EET MID
Soluble	Analysis	300.0		1			120324	10/02/25 20:13	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-21 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 11:59	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 11:59	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 11:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 11:45	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 15:22	CS	EET MID

Client Sample ID: CS-22 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 12:19	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 12:19	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 11:59	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 11:59	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 15:38	CS	EET MID

Client Sample ID: CS-23 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-23

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	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 13:08	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 13:08	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 12:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 12:14	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 15:43	CS	EET MID

Client Sample ID: CS-24 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 13:28	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 13:28	EL	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-24 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			120358	10/02/25 12:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 12:28	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 15:48	CS	EET MID

Client Sample ID: CS-25 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 13:55	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 13:55	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 12:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 12:42	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 15:53	CS	EET MID

Client Sample ID: CS-26 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 14:15	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 14:15	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 12:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 12:56	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 16:15	CS	EET MID

Client Sample ID: CS-27 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 14:36	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 14:36	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 15:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 15:45	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-27 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 16:23	CS	EET MID

Client Sample ID: CS-28 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 14:56	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 14:56	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 16:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 16:00	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 16:28	CS	EET MID

Client Sample ID: CS-29 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 15:17	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 15:17	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 18:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 18:46	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 16:34	CS	EET MID

Client Sample ID: CS-30 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 15:37	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 15:37	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 19:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 19:00	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 16:39	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-31 (4')

Lab Sample ID: 880-63341-31

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Prep 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	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 17:34	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 17:34	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 19:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 19:15	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 16:44	CS	EET MID

Client Sample ID: CS-32 (4')

Lab Sample ID: 880-63341-32

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Prep 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	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 17:55	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 17:55	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 19:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 19:29	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 17:00	CS	EET MID

Client Sample ID: CS-33 (4')

Lab Sample ID: 880-63341-33

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 18:15	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 18:15	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 19:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 19:43	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 17:05	CS	EET MID

Client Sample ID: CS-34 (4')

Lab Sample ID: 880-63341-34

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Prep 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	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 18:36	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 18:36	EL	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-34 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-34

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			120358	10/02/25 19:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 19:58	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 17:21	CS	EET MID

Client Sample ID: CS-35 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-35

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	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 18:56	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 18:56	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 20:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 20:12	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 17:26	CS	EET MID

Client Sample ID: CS-36 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-36

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	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 19:16	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 19:16	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/02/25 20:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120259	10/02/25 08:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120284	10/02/25 20:27	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 17:31	CS	EET MID

Client Sample ID: CS-37 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 19:37	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 19:37	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/03/25 11:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120267	10/02/25 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120440	10/03/25 11:47	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-37 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 17:37	CS	EET MID

Client Sample ID: CS-38 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-38

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 19:57	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 19:57	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/03/25 12:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	120267	10/02/25 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120440	10/03/25 12:32	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 17:42	CS	EET MID

Client Sample ID: CS-39 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 20:18	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 20:18	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/03/25 13:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120267	10/02/25 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120440	10/03/25 13:32	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 17:47	CS	EET MID

Client Sample ID: CS-40 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-40

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	120290	10/02/25 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120262	10/02/25 20:38	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/02/25 20:38	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/03/25 13:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	120267	10/02/25 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120440	10/03/25 13:47	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120270	10/02/25 08:39	SI	EET MID
Soluble	Analysis	300.0		1			120341	10/02/25 17:52	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-41 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-41

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			5.02 g	5 mL	120291	10/02/25 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120265	10/03/25 02:16	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 02:16	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/03/25 14:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	120267	10/02/25 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120440	10/03/25 14:02	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	120273	10/02/25 08:41	SI	EET MID
Soluble	Analysis	300.0		1			120359	10/02/25 18:34	CS	EET MID

Client Sample ID: CS-42 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-42

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			4.96 g	5 mL	120291	10/02/25 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120265	10/03/25 02:36	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 02:36	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/03/25 14:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120267	10/02/25 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120440	10/03/25 14:17	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	120273	10/02/25 08:41	SI	EET MID
Soluble	Analysis	300.0		1			120359	10/02/25 18:50	CS	EET MID

Client Sample ID: CS-43 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-43

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			5.01 g	5 mL	120291	10/02/25 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120265	10/03/25 02:57	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 02:57	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/03/25 14:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	120267	10/02/25 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120440	10/03/25 14:32	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	120273	10/02/25 08:41	SI	EET MID
Soluble	Analysis	300.0		1			120359	10/02/25 18:55	CS	EET MID

Client Sample ID: CS-44 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-44

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			4.95 g	5 mL	120291	10/02/25 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120265	10/03/25 03:17	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 03:17	EL	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-44 (4')

Lab Sample ID: 880-63341-44

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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			120358	10/03/25 14:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	120267	10/02/25 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120440	10/03/25 14:48	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120273	10/02/25 08:41	SI	EET MID
Soluble	Analysis	300.0		1			120359	10/02/25 19:01	CS	EET MID

Client Sample ID: CS-45 (4')

Lab Sample ID: 880-63341-45

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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	120291	10/02/25 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120265	10/03/25 03:38	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 03:38	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/03/25 15:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120267	10/02/25 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120440	10/03/25 15:03	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	120273	10/02/25 08:41	SI	EET MID
Soluble	Analysis	300.0		1			120359	10/02/25 19:06	CS	EET MID

Client Sample ID: CS-46 (4')

Lab Sample ID: 880-63341-46

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Prep 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	120291	10/02/25 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120265	10/03/25 03:58	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 03:58	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/03/25 15:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	120267	10/02/25 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120440	10/03/25 15:18	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	120273	10/02/25 08:41	SI	EET MID
Soluble	Analysis	300.0		1			120359	10/02/25 19:22	CS	EET MID

Client Sample ID: CS-47 (4')

Lab Sample ID: 880-63341-47

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Prep 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	120291	10/02/25 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120265	10/03/25 04:19	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 04:19	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/03/25 15:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	120267	10/02/25 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120440	10/03/25 15:48	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: CS-47 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-47

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	120273	10/02/25 08:41	SI	EET MID
Soluble	Analysis	300.0		1			120359	10/02/25 19:27	CS	EET MID

Client Sample ID: CS-48 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-48

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	120291	10/02/25 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120265	10/03/25 04:39	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 04:39	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/06/25 13:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	120404	10/03/25 08:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120510	10/06/25 13:25	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	120273	10/02/25 08:41	SI	EET MID
Soluble	Analysis	300.0		1			120359	10/02/25 19:32	CS	EET MID

Client Sample ID: CS-49 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-49

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	120291	10/02/25 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120265	10/03/25 04:59	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 04:59	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/06/25 13:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	120404	10/03/25 08:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120510	10/06/25 13:56	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	120273	10/02/25 08:41	SI	EET MID
Soluble	Analysis	300.0		1			120359	10/02/25 19:37	CS	EET MID

Client Sample ID: CS-50 (4')

Date Collected: 09/22/25 00:00

Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-50

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	120291	10/02/25 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120265	10/03/25 05:20	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 05:20	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/03/25 16:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	120267	10/02/25 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120440	10/03/25 16:33	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	120273	10/02/25 08:41	SI	EET MID
Soluble	Analysis	300.0		1			120359	10/02/25 19:43	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: SW-1 (4')

Lab Sample ID: 880-63341-51

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Prep 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	120291	10/02/25 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120265	10/03/25 07:10	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 07:10	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/03/25 16:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120267	10/02/25 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120440	10/03/25 16:48	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	120273	10/02/25 08:41	SI	EET MID
Soluble	Analysis	300.0		1			120359	10/02/25 19:48	CS	EET MID

Client Sample ID: SW-2 (4')

Lab Sample ID: 880-63341-52

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Prep 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	120291	10/02/25 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120265	10/03/25 07:31	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 07:31	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/03/25 17:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	120267	10/02/25 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120440	10/03/25 17:04	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120273	10/02/25 08:41	SI	EET MID
Soluble	Analysis	300.0		1			120359	10/02/25 20:04	CS	EET MID

Client Sample ID: SW-3 (4')

Lab Sample ID: 880-63341-53

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	120291	10/02/25 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120265	10/03/25 07:51	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 07:51	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/03/25 17:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	120267	10/02/25 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120440	10/03/25 17:19	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	120273	10/02/25 08:41	SI	EET MID
Soluble	Analysis	300.0		1			120359	10/02/25 20:09	CS	EET MID

Client Sample ID: SW-4 (4')

Lab Sample ID: 880-63341-54

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Prep 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	120291	10/02/25 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120265	10/03/25 08:12	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 08:12	EL	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: SW-4 (4')

Lab Sample ID: 880-63341-54

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

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			120358	10/06/25 21:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120234	10/01/25 15:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120549	10/06/25 21:46	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	120273	10/02/25 08:41	SI	EET MID
Soluble	Analysis	300.0		1			120359	10/02/25 20:25	CS	EET MID

Client Sample ID: SW-5 (4')

Lab Sample ID: 880-63341-55

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Prep 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	120291	10/02/25 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120265	10/03/25 08:46	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 08:46	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/06/25 22:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	120234	10/01/25 15:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120549	10/06/25 22:00	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	120273	10/02/25 08:41	SI	EET MID
Soluble	Analysis	300.0		1			120359	10/02/25 20:30	CS	EET MID

Client Sample ID: SW-6 (4')

Lab Sample ID: 880-63341-56

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Prep 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	120291	10/02/25 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120265	10/03/25 09:13	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 09:13	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/03/25 17:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120267	10/02/25 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120440	10/03/25 17:59	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	120273	10/02/25 08:41	SI	EET MID
Soluble	Analysis	300.0		1			120359	10/02/25 20:35	CS	EET MID

Client Sample ID: SW-7 (4')

Lab Sample ID: 880-63341-57

Date Collected: 09/22/25 00:00

Matrix: Solid

Date Received: 10/01/25 16:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	120291	10/02/25 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120265	10/03/25 10:26	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120418	10/03/25 10:26	EL	EET MID
Total/NA	Analysis	8015 NM		1			120358	10/06/25 10:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120404	10/03/25 08:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120510	10/06/25 10:39	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Client Sample ID: SW-7 (4')
Date Collected: 09/22/25 00:00
Date Received: 10/01/25 16:49

Lab Sample ID: 880-63341-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	120273	10/02/25 08:41	SI	EET MID
Soluble	Analysis	300.0		1			120359	10/02/25 20:40	CS	EET MID

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

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: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-63341-1	CS-1 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-2	CS-2 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-3	CS-3 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-4	CS-4 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-5	CS-5 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-6	CS-6 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-7	CS-7 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-8	CS-8 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-9	CS-9 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-10	CS-10 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-11	CS-11 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-12	CS-12 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-13	CS-13 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-14	CS-14 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-15	CS-15 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-16	CS-16 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-17	CS-17 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-18	CS-18 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-19	CS-19 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-20	CS-20 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-21	CS-21 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-22	CS-22 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-23	CS-23 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-24	CS-24 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-25	CS-25 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-26	CS-26 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-27	CS-27 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-28	CS-28 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-29	CS-29 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-30	CS-30 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-31	CS-31 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-32	CS-32 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-33	CS-33 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-34	CS-34 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-35	CS-35 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-36	CS-36 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-37	CS-37 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-38	CS-38 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-39	CS-39 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-40	CS-40 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-41	CS-41 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-42	CS-42 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-43	CS-43 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-44	CS-44 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-45	CS-45 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-46	CS-46 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-47	CS-47 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-48	CS-48 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-49	CS-49 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-50	CS-50 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-51	SW-1 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-52	SW-2 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-53	SW-3 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63341-1
SDG: Eddy Co, Tx

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-63341-54	SW-4 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-55	SW-5 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-56	SW-6 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico
880-63341-57	SW-7 (4')	Solid	09/22/25 00:00	10/01/25 16:49	New Mexico

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Chain of Custody



880-63341 Chain of Custody

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Project Manager: Conner Moehring		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: (432) 813-6823		Email:			

Project Name: Copperhead 31 Fed Com 3H		Turn Around		Pres. Code	
Project Number: 2745		☐ Routine ☒ Rush Due Date: 72 HR TAT			
Project Location: Eddy Co, NM					
Sampler's Name: FV					
PO #:					

SAMPLE RECEIPT		Temp Blank: Yes ☒ No ☐		Wet Ice: Yes ☒ No ☐	
Received Intact: Yes ☒ No ☐		Thermometer ID: N/A		Correction Factor: -1.2	
Cooler Custody Seals: Yes ☒ No ☐		Temperature Reading: -1.2		Corrected Temperature: -1.2	
Sample Custody Seals: Yes ☒ No ☐					
Total Containers:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	Parameters	# of Cont	ANALYSIS REQUEST	Preservative Codes
CS-1 (4')	9/22/2025		X		Comp 1	TPH 8015M (GRO + DRO + MRO)	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: SASC
CS-2 (4')	9/22/2025		X		Comp 1	BTEX 8021B	X		
CS-3 (4')	9/22/2025		X		Comp 1		X		
CS-4 (4')	9/22/2025		X		Comp 1		X		
CS-5 (4')	9/22/2025		X		Comp 1		X		
CS-6 (4')	9/22/2025		X		Comp 1		X		
CS-7 (4')	9/22/2025		X		Comp 1		X		
CS-8 (4')	9/22/2025		X		Comp 1		X		
CS-9 (4')	9/22/2025		X		Comp 1		X		
CS-10 (4')	9/22/2025		X		Comp 1		X		

Relinquished by: (Signature)		Received by: (Signature)	
Date/Time: 10/1/25 1529		Date/Time: 10/1/25 1524	

Comments:

Chain of Custody

Work Order No: _____

Page 2 of 6

Project Manager: Conner Moehring		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: (432) 813-6823		Email:			

Project Name: Copperhead 31 Fed Com 3H		Turn Around		ANALYSIS REQUEST		Preservative Codes	
Project Number: 2745		☐ Routine ☒ Rush				None: NO DI Water: H ₂ O	
Project Location: Eddy Co, NM		Due Date: 72 HR TAT				Cool: Cool MeOH: Me	
Sampler's Name: FV						HCL: HC HNO ₃ : HN	
PO #:						H ₂ SO ₄ : H ₂ NaOH: Na	

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	Parameters	Pres. Code	BTX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-11 (4')	9/22/2025		X		Comp 1			X	X	X	
CS-12 (4')	9/22/2025		X		Comp 1			X	X	X	
CS-13 (4')	9/22/2025		X		Comp 1			X	X	X	
CS-14 (4')	9/22/2025		X		Comp 1			X	X	X	
CS-15 (4')	9/22/2025		X		Comp 1			X	X	X	
CS-16 (4')	9/22/2025		X		Comp 1			X	X	X	
CS-17 (4')	9/22/2025		X		Comp 1			X	X	X	
CS-18 (4')	9/22/2025		X		Comp 1			X	X	X	
CS-19 (4')	9/22/2025		X		Comp 1			X	X	X	
CS-20 (4')	9/22/2025		X		Comp 1			X	X	X	

Comments:	
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Relinquished by: (Signature)		Date/Time	
			
Received by: (Signature)		Date/Time	
		10/1/25 1529	

Chain of Custody

Work Order No: _____

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Project Manager: Conner Moehring		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: (432) 813-6823		Email:			

Project Name: Copperhead 31 Fed Com 3H		Turn Around		Pres. Code	
Project Number: 2745		☐ Routine ☒ Rush			
Project Location: Eddy Co, NM		Due Date: 72 HR TAT			
Sampler's Name: FV					
PO #:					

Temp Blank:		Yes No		Wet Ice:		Yes No	
Received Intact:		Yes No		Thermometer ID:			
Cooler Custody Seals:		Yes No N/A		Correction Factor:			
Sample Custody Seals:		Yes No N/A		Temperature Reading:			
Total Containers:				Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST										Preservative Codes	Sample Comments
CS-21 (4')	9/22/2025		X		Comp	1	BTEX 80218 TPH 8015M (GRO + DRO + MRO) Chloride 300.0										None: NO	DI Water: H ₂ O		
CS-22 (4')	9/22/2025		X		Comp	1												Cool: Cool	MeOH: Me	
CS-23 (4')	9/22/2025		X		Comp	1												HCL: HC	HNO ₃ : HN	
CS-24 (4')	9/22/2025		X		Comp	1												H ₂ SO ₄ : H ₂	NaOH: Na	
CS-25 (4')	9/22/2025		X		Comp	1												H ₃ PO ₄ : HP		
CS-26 (4')	9/22/2025		X		Comp	1												NaHSO ₄ : NABIS		
CS-27 (4')	9/22/2025		X		Comp	1												Na ₂ S ₂ O ₃ : NaSO ₃		
CS-28 (4')	9/22/2025		X		Comp	1												Zn Acetate+NaOH: Zn		
CS-29 (4')	9/22/2025		X		Comp	1												NaOH+Ascorbic Acid: SAPC		
CS-30 (4')	9/22/2025		X		Comp	1														

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
						10/1/25 1529	

Comments:

Chain of Custody

Work Order No: _____

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Project Manager: Conner Moehring		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: (432) 813-6823		Email:			

Project Name: Copperhead 31 Fed Com 3H		Turn Around		Pres. Code	
Project Number: 2745		☐ Routine ☒ Rush			
Project Location: Eddy Co, NM		Due Date: 72 HR TAT			
Sampler's Name: FV					
PO #:					

ANALYSIS REQUEST										Preservative Codes	
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		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	
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		Grav/Comp	
CS-31 (4')		9/22/2025				X				X	
CS-32 (4')		9/22/2025				X				X	
CS-33 (4')		9/22/2025				X				X	
CS-34 (4')		9/22/2025				X				X	
CS-35 (4')		9/22/2025				X				X	
CS-36 (4')		9/22/2025				X				X	
CS-37 (4')		9/22/2025				X				X	
CS-38 (4')		9/22/2025				X				X	
CS-39 (4')		9/22/2025				X				X	
CS-40 (4')		9/22/2025				X				X	

Comments:	
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Relinquished by: (Signature)		Date/Time	
			
Replied by: (Signature)		Date/Time	
		12/12/25 1529	

Chain of Custody

Work Order No: _____

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Project Manager: Conner Moehring		Bill to: (if different) Company Name: Carmona Resources		Carmona Resources	
Company Name: Carmona Resources		Address: 310 W Wall St Ste 500			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: (432) 813-6823		Email:			

Project Name: Copperhead 31 Fed Com 3H		Turn Around ☐ Routine ☒ Rush		Pres. Code	
Project Number: 2745		☒ Rush			
Project Location Eddy Co, NM		Due Date: 72 HR TAT			
Sampler's Name: FV					
PO #:					

SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No	
Received Intact:		Yes No		Thermometer ID:					
Cooler Custody Seals:		Yes No N/A		Correction Factor:					
Sample Custody Seals:		Yes No N/A		Temperature Reading:					
Total Containers:				Corrected Temperature:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST										Preservative Codes									
CS-41 (4')	9/22/2025		X		Comp	1												None: NO	DI Water: H ₂ O									
CS-42 (4')	9/22/2025		X		Comp	1												Cool: Cool	MeOH: Me									
CS-43 (4')	9/22/2025		X		Comp	1												HCL: HC	HNO ₃ : HN									
CS-44 (4')	9/22/2025		X		Comp	1												H ₂ SO ₄ : H ₂	NaOH: Na									
CS-45 (4')	9/22/2025		X		Comp	1												H ₃ PO ₄ : HP										
CS-46 (4')	9/22/2025		X		Comp	1												NaHSO ₄ : NABIS										
CS-47 (4')	9/22/2025		X		Comp	1												Na ₂ S ₂ O ₃ : NaSO ₃										
CS-48 (4')	9/22/2025		X		Comp	1												Zn Acetate+NaOH: Zn										
CS-49 (4')	9/22/2025		X		Comp	1												NaOH+Ascorbic Acid: SAPC										
CS-50 (4')	9/22/2025		X		Comp	1																						

Comments:	
-----------	--

Relinquished by: (Signature)		Date/Time	
Received by: (Signature)		Date/Time	
		10/1/25 1529	

Chain of Custody

Work Order No: _____

Page 6 of 6

Project Manager: Conner Moehring		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: (432) 813-6823		Email:			

Project Name: Copperhead 31 Fed Com 3H		Turn Around		Pres. Code	
Project Number: 2745		☐ Routine ☒ Rush			
Project Location: Eddy Co, NM		Due Date: 72 HR TAT			
Sampler's Name: FV					
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	Grabi Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST										Preservative Codes
SW-1 (4')	9/22/2025		X		Comp	1	BTEX 80218 TPH 8015M (GRO + DRO + MRO) Chloride 300.0										None: NO	DI Water: H ₂ O	
SW-2 (4')	9/22/2025		X		Comp	1												Cool: Cool	MeOH: Me
SW-3 (4')	9/22/2025		X		Comp	1												HCL: HC	HNO ₃ : HN
SW-4 (4')	9/22/2025		X		Comp	1												H ₂ SO ₄ : H ₂	NaOH: Na
SW-5 (4')	9/22/2025		X		Comp	1												H ₃ PO ₄ : HP	
SW-6 (4')	9/22/2025		X		Comp	1												NaHSO ₄ : NABIS	
SW-7 (4')	9/22/2025		X		Comp	1												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	
			10/1/25 1529	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-63341-1

SDG Number: Eddy Co, Tx

Login Number: 63341

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/13/2025 12:08:44 PM

JOB DESCRIPTION

Copperhead 31 Fed Com 3H
Eddy Co, NM

JOB NUMBER

880-63683-1

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
10/13/2025 12:08:44 PM

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

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Laboratory Job ID: 880-63683-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63683-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: Copperhead 31 Fed Com 3H

Job ID: 880-63683-1

Job ID: 880-63683-1

Eurofins Midland

Job Narrative 880-63683-1

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 10/9/2025 5:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.9°C.

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-4 (4.25') (880-63683-1) and (880-63607-A-1-I). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-120409 and analytical batch 880-120895 was outside the upper control limits.

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

Diesel Range Organics

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-120971 and analytical batch 880-120987 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: Copperhead 31 Fed Com 3H

Job ID: 880-63683-1
SDG: Eddy Co, NM

Client Sample ID: CS-4 (4.25')

Lab Sample ID: 880-63683-1

Date Collected: 10/08/25 00:00

Matrix: Solid

Date Received: 10/09/25 17:00

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		10/10/25 09:38	10/10/25 19:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/10/25 09:38	10/10/25 19:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/10/25 09:38	10/10/25 19:02	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/10/25 09:38	10/10/25 19:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/10/25 09:38	10/10/25 19:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/10/25 09:38	10/10/25 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				10/10/25 09:38	10/10/25 19:02	1
1,4-Difluorobenzene (Surr)	81		70 - 130				10/10/25 09:38	10/10/25 19:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/10/25 19:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/10/25 13:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/10/25 07:57	10/10/25 13:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/10/25 07:57	10/10/25 13:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/10/25 07:57	10/10/25 13:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				10/10/25 07:57	10/10/25 13:09	1
o-Terphenyl (Surr)	105		70 - 130				10/10/25 07:57	10/10/25 13:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		9.98		mg/Kg			10/10/25 20:30	1

Client Sample ID: SW-5 (4')

Lab Sample ID: 880-63683-2

Date Collected: 10/08/25 00:00

Matrix: Solid

Date Received: 10/09/25 17:00

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		10/10/25 09:38	10/10/25 19:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/10/25 09:38	10/10/25 19:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/10/25 09:38	10/10/25 19:22	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/10/25 09:38	10/10/25 19:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/10/25 09:38	10/10/25 19:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/10/25 09:38	10/10/25 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				10/10/25 09:38	10/10/25 19:22	1
1,4-Difluorobenzene (Surr)	86		70 - 130				10/10/25 09:38	10/10/25 19:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63683-1
SDG: Eddy Co, NM

Client Sample ID: SW-5 (4')
Date Collected: 10/08/25 00:00
Date Received: 10/09/25 17:00

Lab Sample ID: 880-63683-2
Matrix: Solid

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			10/10/25 19:22	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8		mg/Kg			10/10/25 13:24	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/10/25 07:57	10/10/25 13:24	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/10/25 07:57	10/10/25 13:24	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/10/25 07:57	10/10/25 13:24	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	91		70 - 130				10/10/25 07:57	10/10/25 13:24	1	
o-Terphenyl (Surr)	111		70 - 130				10/10/25 07:57	10/10/25 13:24	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	103		9.94		mg/Kg			10/10/25 20:45	1	

Surrogate Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63683-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-63607-A-1-G MS	Matrix Spike	121	88
880-63607-A-1-H MSD	Matrix Spike Duplicate	114	87
880-63683-1	CS-4 (4.25')	136 S1+	81
880-63683-2	SW-5 (4')	126	86
LCS 880-120409/1-A	Lab Control Sample	112	86
LCSD 880-120409/2-A	Lab Control Sample Dup	114	85
MB 880-120409/5-A	Method Blank	136 S1+	83
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)
880-63676-A-5-D MS	Matrix Spike	95	105
880-63676-A-5-E MSD	Matrix Spike Duplicate	105	120
880-63683-1	CS-4 (4.25')	87	105
880-63683-2	SW-5 (4')	91	111
LCS 880-120892/2-A	Lab Control Sample	85	93
LCSD 880-120892/3-A	Lab Control Sample Dup	86	94
MB 880-120892/1-A	Method Blank	79	99
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63683-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-120409/5-A

Matrix: Solid

Analysis Batch: 120895

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 120409

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/25 09:38	10/10/25 11:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/25 09:38	10/10/25 11:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/25 09:38	10/10/25 11:39	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/09/25 09:38	10/10/25 11:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/25 09:38	10/10/25 11:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/09/25 09:38	10/10/25 11:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	10/09/25 09:38	10/10/25 11:39	1
1,4-Difluorobenzene (Surr)	83		70 - 130	10/09/25 09:38	10/10/25 11:39	1

Lab Sample ID: LCS 880-120409/1-A

Matrix: Solid

Analysis Batch: 120895

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 120409

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1062		mg/Kg		106	70 - 130
Toluene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1055		mg/Kg		105	70 - 130
m,p-Xylenes	0.200	0.2142		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1077		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: LCSD 880-120409/2-A

Matrix: Solid

Analysis Batch: 120895

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 120409

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1037		mg/Kg		104	70 - 130	2	35
Toluene	0.100	0.09925		mg/Kg		99	70 - 130	3	35
Ethylbenzene	0.100	0.1020		mg/Kg		102	70 - 130	3	35
m,p-Xylenes	0.200	0.2069		mg/Kg		103	70 - 130	4	35
o-Xylene	0.100	0.1047		mg/Kg		105	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 880-63607-A-1-G MS

Matrix: Solid

Analysis Batch: 120895

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 120409

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09916		mg/Kg		99	70 - 130
Toluene	<0.00200	U	0.100	0.08899		mg/Kg		89	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63683-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-63607-A-1-G MS

Matrix: Solid

Analysis Batch: 120895

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 120409

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Ethylbenzene	<0.00200	U	0.100	0.08629		mg/Kg		86	70 - 130	
m,p-Xylenes	<0.00399	U	0.200	0.1721		mg/Kg		86	70 - 130	
o-Xylene	<0.00200	U	0.100	0.08782		mg/Kg		88	70 - 130	
		MS	MS							
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	121		70 - 130							
1,4-Difluorobenzene (Surr)	88		70 - 130							

Lab Sample ID: 880-63607-A-1-H MSD

Matrix: Solid

Analysis Batch: 120895

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 120409

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits		RPD	Limit
Benzene	<0.00200	U	0.100	0.08623		mg/Kg		86	70 - 130		14	35
Toluene	<0.00200	U	0.100	0.07947		mg/Kg		79	70 - 130		11	35
Ethylbenzene	<0.00200	U	0.100	0.07376		mg/Kg		74	70 - 130		16	35
m,p-Xylenes	<0.00399	U	0.200	0.1495		mg/Kg		75	70 - 130		14	35
o-Xylene	<0.00200	U	0.100	0.07607		mg/Kg		76	70 - 130		14	35
		MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	114		70 - 130									
1,4-Difluorobenzene (Surr)	87		70 - 130									

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

Lab Sample ID: MB 880-120892/1-A

Matrix: Solid

Analysis Batch: 120901

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 120892

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/10/25 07:57	10/10/25 04:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/10/25 07:57	10/10/25 04:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/10/25 07:57	10/10/25 04:42	1
		MB	MB						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	79		70 - 130						
o-Terphenyl (Surr)	99		70 - 130						

Lab Sample ID: LCS 880-120892/2-A

Matrix: Solid

Analysis Batch: 120901

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 120892

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	
							Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	821.7		mg/Kg		82	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	897.2		mg/Kg		90	70 - 130	

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63683-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-120892/2-A
Matrix: Solid
Analysis Batch: 120901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 120892

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	85		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-120892/3-A
Matrix: Solid
Analysis Batch: 120901

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 120892

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	826.1		mg/Kg		83	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	907.1		mg/Kg		91	70 - 130	1	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	86		70 - 130
o-Terphenyl (Surr)	94		70 - 130

Lab Sample ID: 880-63676-A-5-D MS
Matrix: Solid
Analysis Batch: 120901

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 120892

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	777.9		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	886.4		mg/Kg		86	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	95		70 - 130
o-Terphenyl (Surr)	105		70 - 130

Lab Sample ID: 880-63676-A-5-E MSD
Matrix: Solid
Analysis Batch: 120901

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 120892

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	844.2		mg/Kg		84	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1006		mg/Kg		98	70 - 130	13	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	105		70 - 130
o-Terphenyl (Surr)	120		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63683-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-120971/1-A

Matrix: Solid

Analysis Batch: 120987

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			10/10/25 18:39	1

Lab Sample ID: LCS 880-120971/2-A

Matrix: Solid

Analysis Batch: 120987

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.2		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-120971/3-A

Matrix: Solid

Analysis Batch: 120987

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	260.1		mg/Kg		104	90 - 110	1	20

Lab Sample ID: 880-63673-A-11-C MS

Matrix: Solid

Analysis Batch: 120987

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	122	F1	253	405.3	F1	mg/Kg		112	90 - 110

Lab Sample ID: 880-63673-A-11-D MSD

Matrix: Solid

Analysis Batch: 120987

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	122	F1	253	405.0	F1	mg/Kg		112	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63683-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 120409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63683-1	CS-4 (4.25')	Total/NA	Solid	5035	
880-63683-2	SW-5 (4')	Total/NA	Solid	5035	
MB 880-120409/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-120409/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-120409/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63607-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
880-63607-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 120895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63683-1	CS-4 (4.25')	Total/NA	Solid	8021B	120409
880-63683-2	SW-5 (4')	Total/NA	Solid	8021B	120409
MB 880-120409/5-A	Method Blank	Total/NA	Solid	8021B	120409
LCS 880-120409/1-A	Lab Control Sample	Total/NA	Solid	8021B	120409
LCSD 880-120409/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	120409
880-63607-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	120409
880-63607-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	120409

Analysis Batch: 121055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63683-1	CS-4 (4.25')	Total/NA	Solid	Total BTEX	
880-63683-2	SW-5 (4')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 120892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63683-1	CS-4 (4.25')	Total/NA	Solid	8015NM Prep	
880-63683-2	SW-5 (4')	Total/NA	Solid	8015NM Prep	
MB 880-120892/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-120892/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-120892/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63676-A-5-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-63676-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 120901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63683-1	CS-4 (4.25')	Total/NA	Solid	8015B NM	120892
880-63683-2	SW-5 (4')	Total/NA	Solid	8015B NM	120892
MB 880-120892/1-A	Method Blank	Total/NA	Solid	8015B NM	120892
LCS 880-120892/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	120892
LCSD 880-120892/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	120892
880-63676-A-5-D MS	Matrix Spike	Total/NA	Solid	8015B NM	120892
880-63676-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	120892

Analysis Batch: 120990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63683-1	CS-4 (4.25')	Total/NA	Solid	8015 NM	
880-63683-2	SW-5 (4')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63683-1
SDG: Eddy Co, NM

HPLC/IC

Leach Batch: 120971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63683-1	CS-4 (4.25')	Soluble	Solid	DI Leach	
880-63683-2	SW-5 (4')	Soluble	Solid	DI Leach	
MB 880-120971/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-120971/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-120971/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63673-A-11-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-63673-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 120987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63683-1	CS-4 (4.25')	Soluble	Solid	300.0	120971
880-63683-2	SW-5 (4')	Soluble	Solid	300.0	120971
MB 880-120971/1-A	Method Blank	Soluble	Solid	300.0	120971
LCS 880-120971/2-A	Lab Control Sample	Soluble	Solid	300.0	120971
LCSD 880-120971/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	120971
880-63673-A-11-C MS	Matrix Spike	Soluble	Solid	300.0	120971
880-63673-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	120971

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63683-1
SDG: Eddy Co, NM

Client Sample ID: CS-4 (4.25')

Lab Sample ID: 880-63683-1

Date Collected: 10/08/25 00:00

Matrix: Solid

Date Received: 10/09/25 17:00

Prep 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	120409	10/10/25 09:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120895	10/10/25 19:02	EL	EET MID
Total/NA	Analysis	Total BTEX		1			121055	10/10/25 19:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			120990	10/10/25 13:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120892	10/10/25 07:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120901	10/10/25 13:09	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	120971	10/10/25 13:16	SA	EET MID
Soluble	Analysis	300.0		1			120987	10/10/25 20:30	CS	EET MID

Client Sample ID: SW-5 (4')

Lab Sample ID: 880-63683-2

Date Collected: 10/08/25 00:00

Matrix: Solid

Date Received: 10/09/25 17:00

Prep 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	120409	10/10/25 09:38	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120895	10/10/25 19:22	EL	EET MID
Total/NA	Analysis	Total BTEX		1			121055	10/10/25 19:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			120990	10/10/25 13:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	120892	10/10/25 07:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120901	10/10/25 13:24	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	120971	10/10/25 13:16	SA	EET MID
Soluble	Analysis	300.0		1			120987	10/10/25 20:45	CS	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63683-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
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: Copperhead 31 Fed Com 3H

Job ID: 880-63683-1
SDG: Eddy Co, NM

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

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Copperhead 31 Fed Com 3H

Job ID: 880-63683-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-63683-1	CS-4 (4.25')	Solid	10/08/25 00:00	10/09/25 17:00	New Mexico
880-63683-2	SW-5 (4')	Solid	10/08/25 00:00	10/09/25 17:00	New Mexico

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Chain of Custody



880-63683 Chain of Custody

Page 1 of 1

[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-63683-1

SDG Number: Eddy Co, NM

Login Number: 63683

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/26/2025 4:38:36 PM

JOB DESCRIPTION

Copperhead Fee A 3H (02.12.25)
Eddy County, New Mexico

JOB NUMBER

880-61914-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



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8/26/2025 4:38:36 PM

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

Client: Carmona Resources
Project/Site: Copperhead Fee A 3H (02.12.25)

Laboratory Job ID: 880-61914-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Copperhead Fee A 3H (02.12.25)

Job ID: 880-61914-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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: Copperhead Fee A 3H (02.12.25)

Job ID: 880-61914-1

Job ID: 880-61914-1

Eurofins Midland

Job Narrative 880-61914-1

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

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

Receipt

The sample was received on 8/25/2025 3:35 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-117538 and analytical batch 880-117545 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (CCV 880-117545/2), (LCS 880-117538/1-A), (LCSD 880-117538/2-A), (MB 880-117538/5-A), (880-61915-A-21-F), (880-61915-A-21-D MS) and (880-61915-A-21-E MSD). 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

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: Copperhead Fee A 3H (02.12.25)

Job ID: 880-61914-1
SDG: Eddy County, New Mexico

Client Sample ID: Backfill

Lab Sample ID: 880-61914-1

Date Collected: 08/21/25 00:00

Matrix: Solid

Date Received: 08/25/25 15:35

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		08/26/25 07:50	08/26/25 13:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/26/25 07:50	08/26/25 13:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/26/25 07:50	08/26/25 13:48	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/26/25 07:50	08/26/25 13:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/26/25 07:50	08/26/25 13:48	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/26/25 07:50	08/26/25 13:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	08/26/25 07:50	08/26/25 13:48	1
1,4-Difluorobenzene (Surr)	86		70 - 130	08/26/25 07:50	08/26/25 13:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/26/25 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	<49.8	U	49.8		mg/Kg			08/26/25 14:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/22/25 09:30	08/26/25 14:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/22/25 09:30	08/26/25 14:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/22/25 09:30	08/26/25 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	75		70 - 130	08/22/25 09:30	08/26/25 14:01	1
o-Terphenyl (Surr)	73		70 - 130	08/22/25 09:30	08/26/25 14:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			08/25/25 22:14	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Copperhead Fee A 3H (02.12.25)

Job ID: 880-61914-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-61914-1	Backfill	106	86
880-61915-A-21-D MS	Matrix Spike	159 S1+	84
880-61915-A-21-E MSD	Matrix Spike Duplicate	154 S1+	85
LCS 880-117538/1-A	Lab Control Sample	154 S1+	86
LCSD 880-117538/2-A	Lab Control Sample Dup	157 S1+	87
MB 880-117538/5-A	Method Blank	156 S1+	79
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-61815-A-1-D MS	Matrix Spike	92	85
880-61815-A-1-E MSD	Matrix Spike Duplicate	75	83
880-61914-1	Backfill	75	73
LCS 880-117346/2-A	Lab Control Sample	111	105
LCSD 880-117346/3-A	Lab Control Sample Dup	89	101
MB 880-117346/1-A	Method Blank	91	94
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee A 3H (02.12.25)

Job ID: 880-61914-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-117538/5-A

Matrix: Solid

Analysis Batch: 117545

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 117538

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/26/25 07:50	08/26/25 12:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/25 07:50	08/26/25 12:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/25 07:50	08/26/25 12:05	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/26/25 07:50	08/26/25 12:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/25 07:50	08/26/25 12:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/26/25 07:50	08/26/25 12:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130	08/26/25 07:50	08/26/25 12:05	1
1,4-Difluorobenzene (Surr)	79		70 - 130	08/26/25 07:50	08/26/25 12:05	1

Lab Sample ID: LCS 880-117538/1-A

Matrix: Solid

Analysis Batch: 117545

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 117538

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1131		mg/Kg		113	70 - 130
Toluene	0.100	0.1097		mg/Kg		110	70 - 130
Ethylbenzene	0.100	0.1152		mg/Kg		115	70 - 130
m,p-Xylenes	0.200	0.2269		mg/Kg		113	70 - 130
o-Xylene	0.100	0.09381		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: LCSD 880-117538/2-A

Matrix: Solid

Analysis Batch: 117545

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 117538

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1141		mg/Kg		114	70 - 130	1	35
Toluene	0.100	0.1113		mg/Kg		111	70 - 130	2	35
Ethylbenzene	0.100	0.1160		mg/Kg		116	70 - 130	1	35
m,p-Xylenes	0.200	0.2307		mg/Kg		115	70 - 130	2	35
o-Xylene	0.100	0.09519		mg/Kg		95	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	157	S1+	70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 880-61915-A-21-D MS

Matrix: Solid

Analysis Batch: 117545

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 117538

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.06654	F1	mg/Kg		67	70 - 130
Toluene	<0.00200	U F1	0.100	0.06860	F1	mg/Kg		69	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee A 3H (02.12.25)

Job ID: 880-61914-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-61915-A-21-D MS

Matrix: Solid

Analysis Batch: 117545

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 117538

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07270		mg/Kg		73	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1451		mg/Kg		73	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06325	F1	mg/Kg		63	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130						
1,4-Difluorobenzene (Surr)	84		70 - 130						

Lab Sample ID: 880-61915-A-21-E MSD

Matrix: Solid

Analysis Batch: 117545

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 117538

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	0.08725		mg/Kg		87	70 - 130	27	35
Toluene	<0.00200	U F1	0.100	0.08568		mg/Kg		86	70 - 130	22	35
Ethylbenzene	<0.00200	U	0.100	0.08900		mg/Kg		89	70 - 130	20	35
m,p-Xylenes	<0.00399	U	0.200	0.1753		mg/Kg		88	70 - 130	19	35
o-Xylene	<0.00200	U F1	0.100	0.07321		mg/Kg		73	70 - 130	15	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130								
1,4-Difluorobenzene (Surr)	85		70 - 130								

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

Lab Sample ID: MB 880-117346/1-A

Matrix: Solid

Analysis Batch: 117571

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 117346

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		08/22/25 09:30	08/26/25 11:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 11:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/22/25 09:30	08/26/25 11:20	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane (Surr)	91		70 - 130						
o-Terphenyl (Surr)	94		70 - 130						

Lab Sample ID: LCS 880-117346/2-A

Matrix: Solid

Analysis Batch: 117571

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 117346

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1047		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1061		mg/Kg		106	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee A 3H (02.12.25)

Job ID: 880-61914-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-117346/2-A

Matrix: Solid

Analysis Batch: 117571

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 117346

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-117346/3-A

Matrix: Solid

Analysis Batch: 117571

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 117346

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1026		mg/Kg		103	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1055		mg/Kg		105	70 - 130	1	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	101		70 - 130

Lab Sample ID: 880-61815-A-1-D MS

Matrix: Solid

Analysis Batch: 117571

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 117346

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	880.0		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	862.0		mg/Kg		83	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	85		70 - 130

Lab Sample ID: 880-61815-A-1-E MSD

Matrix: Solid

Analysis Batch: 117571

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 117346

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	861.1		mg/Kg		86	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	893.5		mg/Kg		86	70 - 130	4	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	75		70 - 130
o-Terphenyl (Surr)	83		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee A 3H (02.12.25)

Job ID: 880-61914-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-117533/1-A
Matrix: Solid
Analysis Batch: 117535

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			08/25/25 21:34	1

Lab Sample ID: LCS 880-117533/2-A
Matrix: Solid
Analysis Batch: 117535

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.8		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-117533/3-A
Matrix: Solid
Analysis Batch: 117535

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	228.9		mg/Kg		92	90 - 110	1	20

Lab Sample ID: 880-61915-A-8-C MS
Matrix: Solid
Analysis Batch: 117535

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	38.7		251	274.9		mg/Kg		94	90 - 110

Lab Sample ID: 880-61915-A-8-D MSD
Matrix: Solid
Analysis Batch: 117535

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	38.7		251	273.4		mg/Kg		94	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee A 3H (02.12.25)

Job ID: 880-61914-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 117538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61914-1	Backfill	Total/NA	Solid	5035	
MB 880-117538/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-117538/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-117538/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-61915-A-21-D MS	Matrix Spike	Total/NA	Solid	5035	
880-61915-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 117545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61914-1	Backfill	Total/NA	Solid	8021B	117538
MB 880-117538/5-A	Method Blank	Total/NA	Solid	8021B	117538
LCS 880-117538/1-A	Lab Control Sample	Total/NA	Solid	8021B	117538
LCSD 880-117538/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	117538
880-61915-A-21-D MS	Matrix Spike	Total/NA	Solid	8021B	117538
880-61915-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	117538

Analysis Batch: 117621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61914-1	Backfill	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 117346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61914-1	Backfill	Total/NA	Solid	8015NM Prep	
MB 880-117346/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-117346/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-117346/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61815-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-61815-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 117571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61914-1	Backfill	Total/NA	Solid	8015B NM	117346
MB 880-117346/1-A	Method Blank	Total/NA	Solid	8015B NM	117346
LCS 880-117346/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	117346
LCSD 880-117346/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	117346
880-61815-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	117346
880-61815-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	117346

Analysis Batch: 117645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61914-1	Backfill	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 117533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61914-1	Backfill	Soluble	Solid	DI Leach	
MB 880-117533/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-117533/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-117533/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee A 3H (02.12.25)

Job ID: 880-61914-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 117533 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61915-A-8-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-61915-A-8-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 117535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61914-1	Backfill	Soluble	Solid	300.0	117533
MB 880-117533/1-A	Method Blank	Soluble	Solid	300.0	117533
LCS 880-117533/2-A	Lab Control Sample	Soluble	Solid	300.0	117533
LCSD 880-117533/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	117533
880-61915-A-8-C MS	Matrix Spike	Soluble	Solid	300.0	117533
880-61915-A-8-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	117533

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee A 3H (02.12.25)

Job ID: 880-61914-1
SDG: Eddy County, New Mexico

Client Sample ID: Backfill
Date Collected: 08/21/25 00:00
Date Received: 08/25/25 15:35

Lab Sample ID: 880-61914-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	117538	08/26/25 07:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117545	08/26/25 13:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117621	08/26/25 13:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			117645	08/26/25 14:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117346	08/22/25 09:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117571	08/26/25 14:01	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	117533	08/25/25 17:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	117535	08/25/25 22:14	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: Copperhead Fee A 3H (02.12.25)

Job ID: 880-61914-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
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: Copperhead Fee A 3H (02.12.25)

Job ID: 880-61914-1
SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Copperhead Fee A 3H (02.12.25)

Job ID: 880-61914-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-61914-1	Backfill	Solid	08/21/25 00:00	08/25/25 15:35	New Mexico

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

Chain of Custody



880-61914 Chain of Custody

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

Project Manager:	Conner Moechnig		Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources		Company Name:	
Address:	310 W Wall St Ste 500		Address:	
City, State ZIP:	Midland, TX 79701		City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com	

[illegible]

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Don Pancer</i>	8/25/25 @ 15:35	<i>[Signature]</i>	8/25/25 15:35

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-61914-1

SDG Number: Eddy County, New Mexico

Login Number: 61914

List Number: 1

List Source: Eurofins Midland

Creator: Vasquez, Julisa

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

APPENDIX F

CARMONA RESOURCES



Soil Map—Eddy Area, New Mexico
(Copperhead 31 Fed 3H)Natural Resources
Conservation ServiceWeb Soil Survey
National Cooperative Soil Survey11/19/2025
Page 1 of 3

Soil Map—Eddy Area, New Mexico
(Copperhead 31 Fed 3H)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 21, Sep 9, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
RU	Russler-Ector association, 0 to 9 percent slopes	0.2	100.0%
Totals for Area of Interest		0.2	100.0%

Map Unit Description: Russler-Ector association, 0 to 9 percent slopes---Eddy Area, New Mexico

Copperhead 31 Fed 3H

Eddy Area, New Mexico

RU—Russler-Ector association, 0 to 9 percent slopes

Map Unit Setting

National map unit symbol: 1w5k

Elevation: 1,250 to 4,800 feet

Mean annual precipitation: 10 to 25 inches

Mean annual air temperature: 57 to 66 degrees F

Frost-free period: 195 to 225 days

Farmland classification: Not prime farmland

Map Unit Composition

Russler and similar soils: 60 percent

Ector and similar soils: 25 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Russler

Setting

Landform: Alluvial fans, plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear, convex

Across-slope shape: Linear

Parent material: Alluvium

Typical profile

H1 - 0 to 11 inches: loam

H2 - 11 to 45 inches: clay loam

H3 - 45 to 60 inches: gypsiferous material

Properties and qualities

Slope: 1 to 3 percent

Depth to restrictive feature: 20 to 47 inches to paralithic bedrock

Drainage class: Well drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Gypsum, maximum content: 40 percent

Maximum salinity: Moderately saline to strongly saline (8.0 to 16.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 4.4 inches)

Interpretive groups

Land capability classification (irrigated): 3e

Map Unit Description: Russler-Ector association, 0 to 9 percent slopes---Eddy Area, New Mexico

Copperhead 31 Fed 3H

Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: C
Ecological site: R042CY153NM - Loamy
Hydric soil rating: No

Description of Ector

Setting

Landform: Hills, ridges
Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope
Landform position (three-dimensional): Side slope, head slope, nose slope, crest
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 8 inches: very cobbly loam
H2 - 8 to 60 inches: bedrock

Properties and qualities

Slope: 0 to 9 percent
Depth to restrictive feature: 4 to 20 inches to lithic bedrock
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to high (0.06 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 60 percent
Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 0.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R042CY158NM - Very Shallow
Hydric soil rating: No

Minor Components

Gypsum land

Percent of map unit: 8 percent
Hydric soil rating: No

Cottonwood

Percent of map unit: 7 percent
Ecological site: R070BB006NM - Gyp Upland

Map Unit Description: Russler-Ector association, 0 to 9 percent slopes---Eddy Area, New Mexico

Copperhead 31 Fed 3H

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 21, Sep 9, 2025

(26)

BLM SERIAL #:

COMPANY REFERENCE:

3.1 Seed Mixture 1, for Loamy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (small/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Plains lovegrass (<i>Eragrostis intermedia</i>)	0.5
Sand dropseed (<i>Sporobolus cryptandrus</i>)	1.0
Sideoats grama (<i>Bouteloua curtipendula</i>)	5.0
Plains bristlegrass (<i>Setaria macrostachya</i>)	2.0

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed

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

QUESTIONS

Action 531044

QUESTIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 531044
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2516254705
Incident Name	NAPP2516254705 COPPERHEAD 31 FEDERAL COM 003H @ FAPP2203847044
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Facility	[fAPP2203847044] Copperhead 31 Fed 3H - RT BTTY

Location of Release Source

Please answer all the questions in this group.

Site Name	COPPERHEAD 31 FEDERAL COM 003H
Date Release Discovered	05/17/2025
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 6 BBL Recovered: 0 BBL Lost: 6 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 531044

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 531044
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</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 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: Jacqui Harris Title: Sr Environment Engineer Email: jacqui.harris@conocophillips.com Date: 12/02/2025
--	--

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QUESTIONS, Page 3

Action 531044

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 531044
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
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 ½ and 1 (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	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between ½ and 1 (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)	3670
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	09/22/2025
On what date will (or did) the final sampling or liner inspection occur	09/22/2025
On what date will (or was) the remediation complete(d)	10/10/2025
What is the estimated surface area (in square feet) that will be reclaimed	2375
What is the estimated volume (in cubic yards) that will be reclaimed	355
What is the estimated surface area (in square feet) that will be remediated	2375
What is the estimated volume (in cubic yards) that will be remediated	355
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 531044

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 531044
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Not answered.
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 - Red Bluff
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: Jacqui Harris Title: Sr Environment Engineer Email: jacqui.harris@conocophillips.com Date: 12/02/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 531044

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 531044
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 531044

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 531044
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	506696
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/22/2025
What was the (estimated) number of samples that were to be gathered	17
What was the sampling surface area in square feet	2376

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	2375
What was the total volume (cubic yards) remediated	355
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	2375
What was the total volume (in cubic yards) reclaimed	355
Summarize any additional remediation activities not included by answers (above)	n/a
<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: Jacqui Harris Title: Sr Environment Engineer Email: jacqui.harris@conocophillips.com Date: 12/02/2025

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QUESTIONS, Page 7

Action 531044

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 531044
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	2375
What was the total volume of replacement material (in cubic yards) for this site	355
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseedling commence(d)	10/10/2025
Summarize any additional reclamation activities not included by answers (above)	n/a
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Jacqui Harris Title: Sr Environment Engineer Email: jacqui.harris@conocophillips.com Date: 12/02/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 8

Action 531044

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 531044
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 531044

CONDITIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 531044
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	12/11/2025