



SITE INFORMATION

Closure Report
Wingerd #5 Flowline
Incident # NAPP2316039814
Lea County, New Mexico
Unit A Sec 24 T12S R37E
33.262379°, -103.147142°

Crude Oil and Produced Water Release

Point of Release: Poly Line Rupture

Release Date: 06.08.23

Volume Released: 1 barrel of Crude Oil and 94 barrels of Produced Water

Volume Recovered: 1 barrel of Crude Oil and 80 barrels of Produced Water

CARMONA RESOURCES



Prepared for:
Fasken Oil and Ranch, Ltd.
6101 Holiday Hill Road
Midland, Texas 79707

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



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September 7, 2023

New Mexico Oil Conservation Division
1220 South St, Francis Drive
Santa Fe, NM 87505

**Re: Closure Report
Wingerd #5 Flowline
Fasken Oil and Ranch, Ltd
Site Location: Unit A, S24, T12S, R37E
(Lat 33.262379°, Long -103.147142°)
Lea County, New Mexico**

To whom it may concern:

On behalf of Fasken Oil and Ranch Ltd, Carmona Resources, LLC has prepared this letter to document the Wingerd #5 Flowline site activities. The site is located at 33.262379°, -103.147142° within Unit A, S24, T12S, R37E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on June 8, 2023, caused by a hole in a polyline due to age. It released approximately one (1) barrel of crude oil and approximately ninety-four barrels (94) of produced water. Approximately one (1) barrel of crude oil and approximately ninety-four barrels (94) of produced water were recovered. The impacted area occurred in the pasture, as shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, only one known water source is within a 0.50-mile radius of the location and drilled within the past 25 years. The nearest identified well is approximately 0.38 miles South of the site in S24, T12S, R37E and was drilled in 2021. The well has a reported depth to groundwater of 95 feet below the 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 were utilized in assessing the site.

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

4.0 Site Assessment Activities

On June 28, 2023, Carmona Resources, LLC performed site assessment activities to evaluate the horizontal extent. A total of twelve (12) horizontal samples (H-1 through H-12) were advanced to depths ranging from the surface to 0-0.5' bgs inside and surrounding the release areas. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under

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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. The sample locations are shown in Figure 3.

All horizontal samples were below regulatory limits. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel were on site to guide the at-risk remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on August 21, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of fifty-seven (57) floor confirmation samples were collected (CS-1 through CS-57), and twenty (20) sidewall samples (SW-1 through SW-20) 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. 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 3.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 1,320 cubic yards of material were excavated and transported offsite for proper disposal.

5.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

A handwritten signature in black ink, appearing to read "Mike Carmona".

Mike Carmona
Environmental Manager

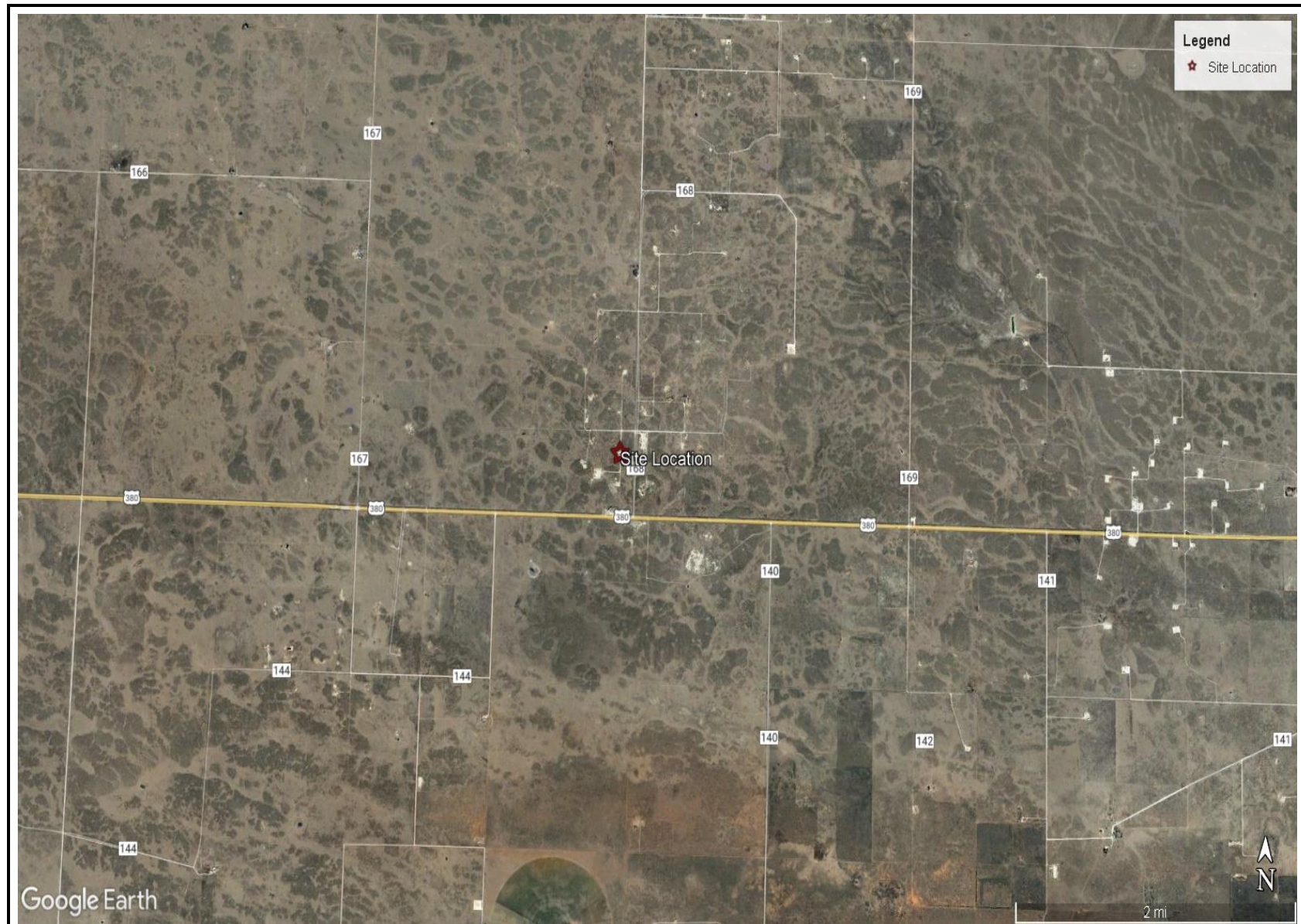
A handwritten signature in black ink, appearing to read "Conner Moehring".

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES

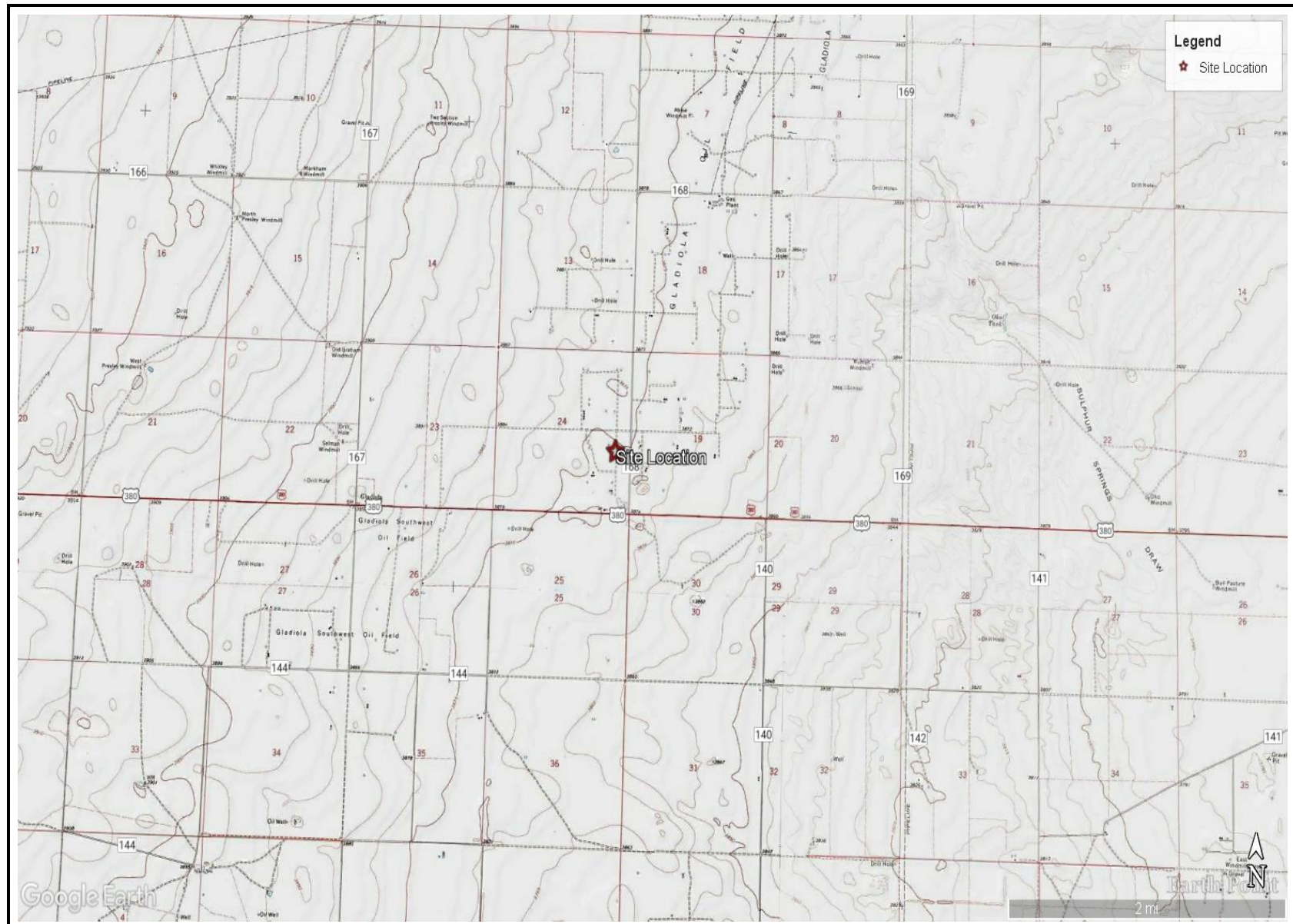




SITE LOCATION MAP
 FASKEN OIL AND RANCH, LTD.
 WINGERD #5 FLOWLINE
 LEA COUNTY, NEW MEXICO
 33.262379, -103.147142



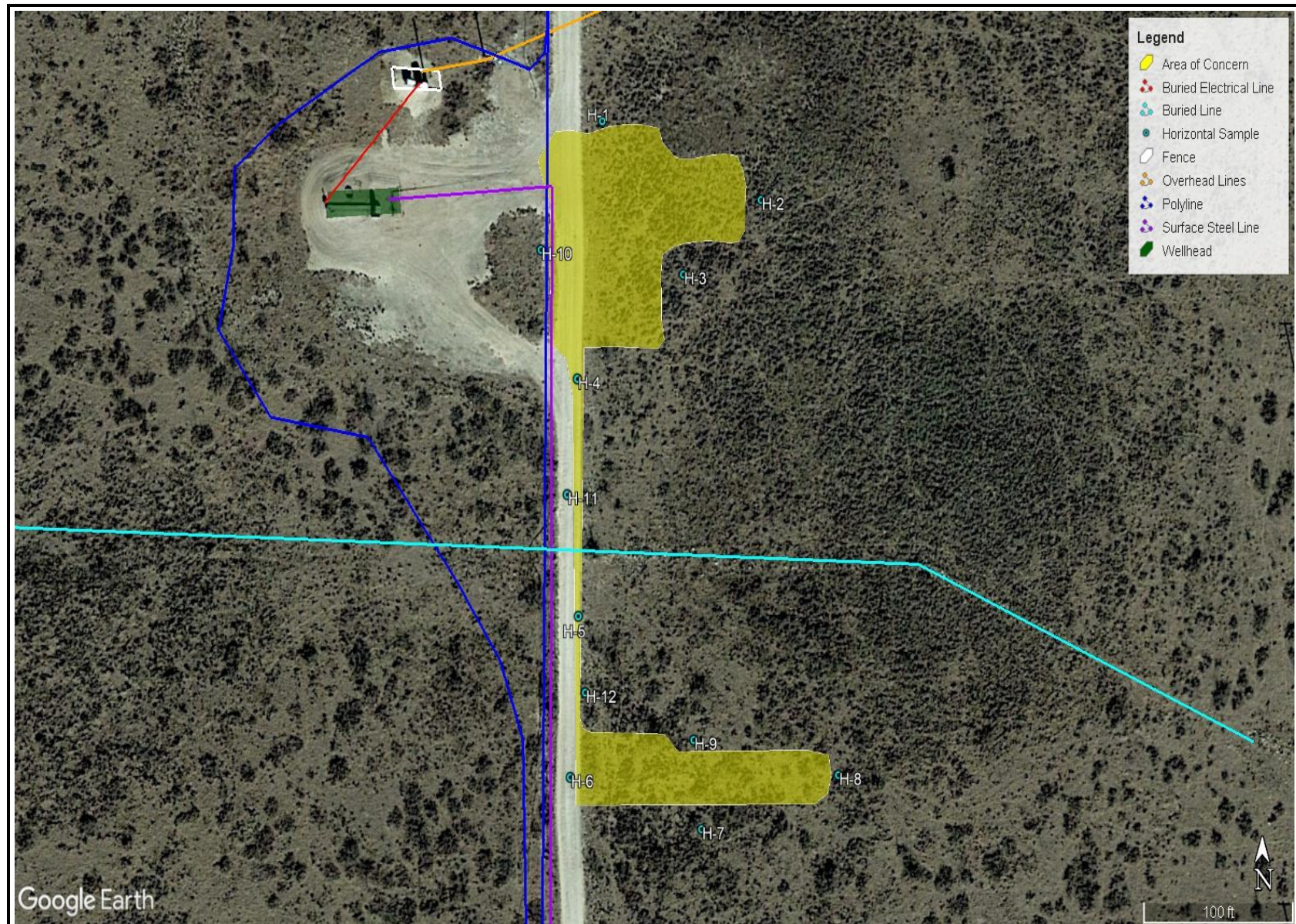
FIGURE 1



TOPOGRAPHIC MAP
FASKEN OIL AND RANCH, LTD.
WINGERD #5 FLOWLINE
LEA COUNTY, NEW MEXICO
33.262379, -103.147142



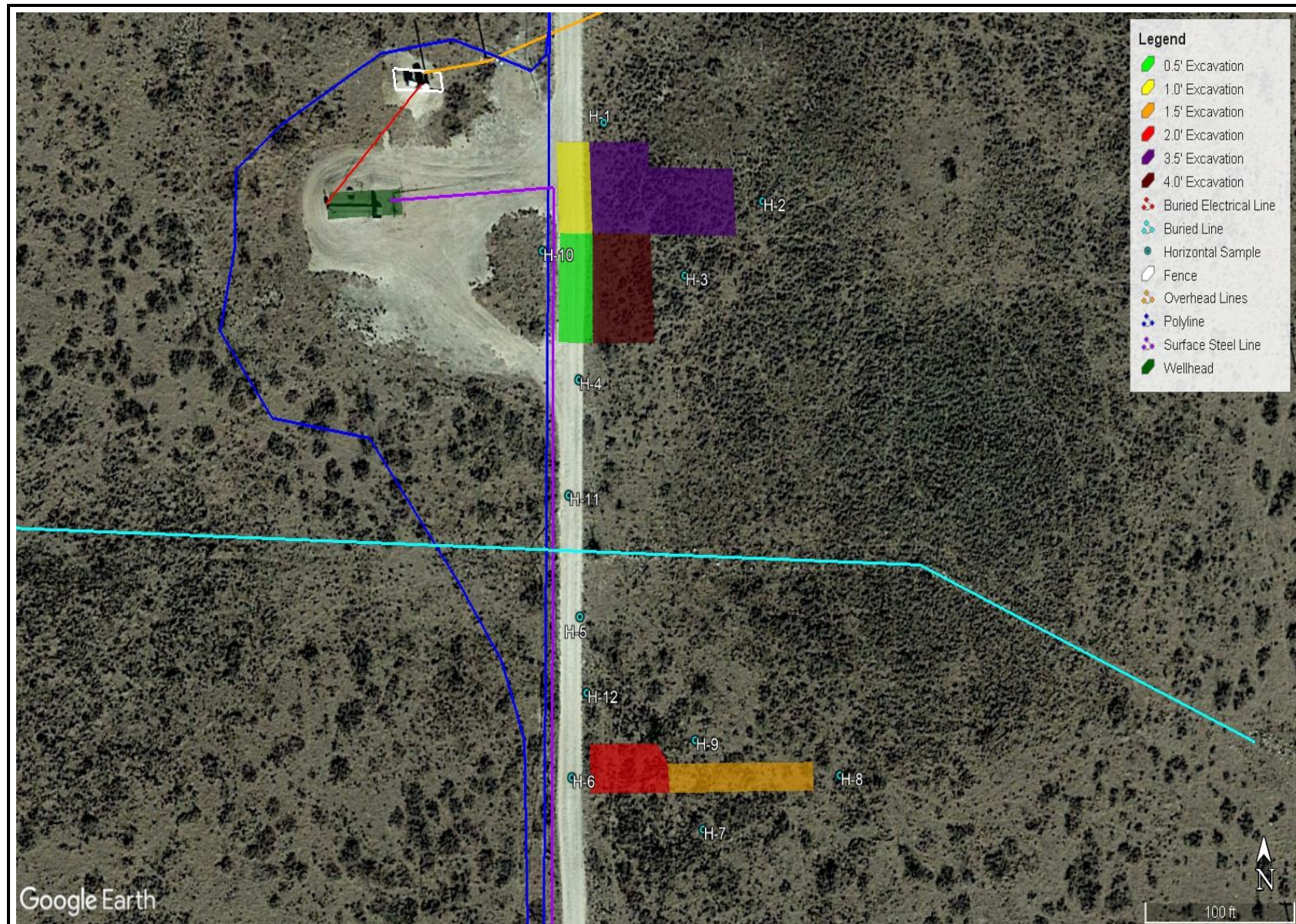
FIGURE 2



SPILL OUTLINE MAP
FASKEN OIL AND RANCH, LTD.
WINGERD #5 FLOWLINE
LEA COUNTY, NEW MEXICO
33.262379, -103.147142



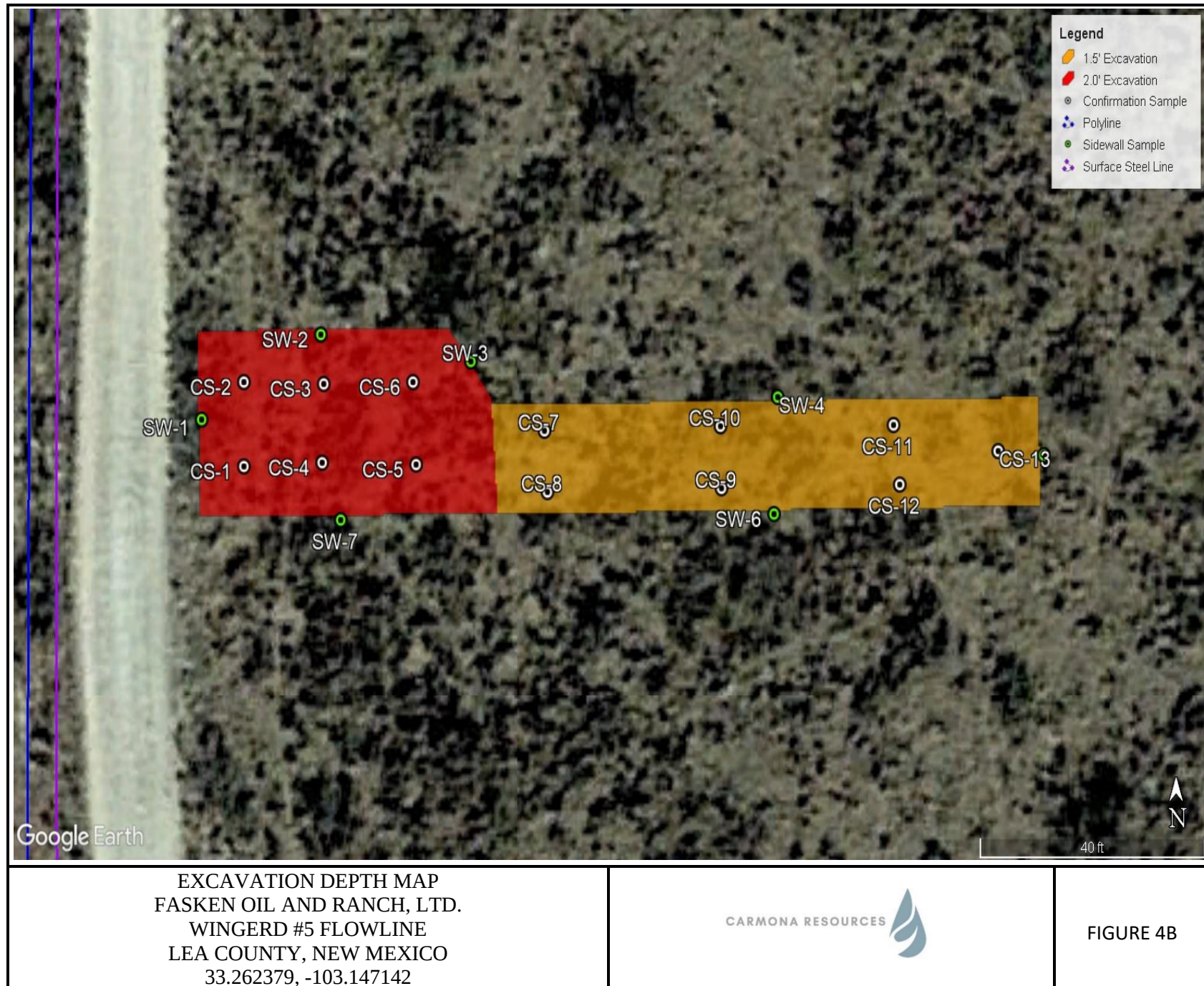
FIGURE 3

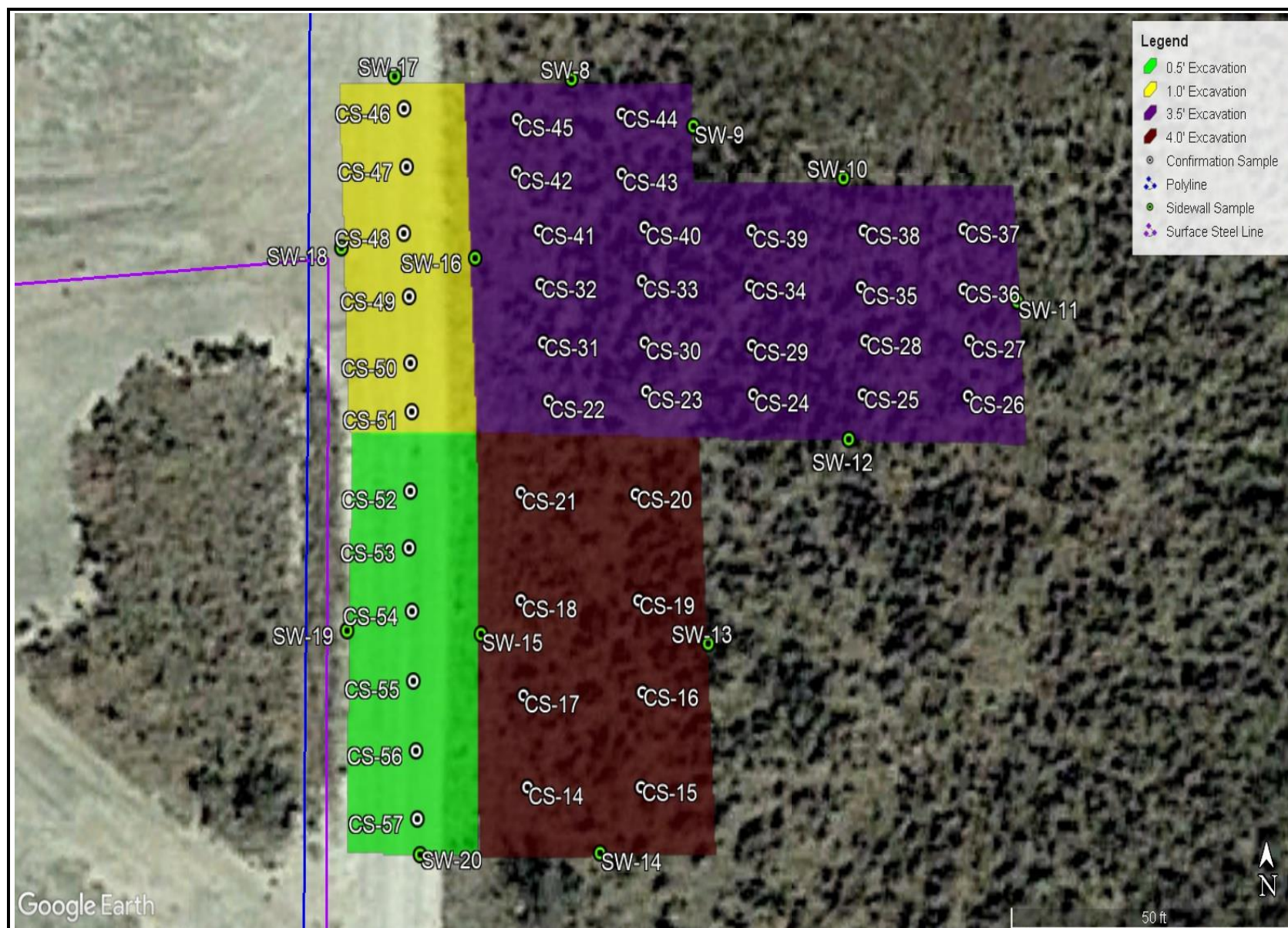


EXCAVATION DEPTH OVERVIEW MAP
 FASKEN OIL AND RANCH, LTD.
 WINGERD #5 FLOWLINE
 LEA COUNTY, NEW MEXICO
 33.262379, -103.147142



FIGURE 4A





EXCAVATION DEPTH MAP
 FASKEN OIL AND RANCH, LTD.
 WINGERD #5 FLOWLINE
 LEA COUNTY, NEW MEXICO
 33.262379, -103.147142



FIGURE 4C

APPENDIX A

CARMONA RESOURCES



Table 1
Fasken Oil and Ranch
Wingard 5 Flowline (06.08.23)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	6/28/2023	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	26.0
H-2	6/28/2023	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	29.6
H-3	6/28/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	23.7
H-4	6/28/2023	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	26.0
H-5	6/28/2023	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	24.2
H-6	6/28/2023	0-0.5	21.5	<49.8	75.2	96.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	29.2
H-7	6/28/2023	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	27.5
H-8	6/28/2023	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	69.4
H-9	6/28/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	41.3
H-10	6/28/2023	0-0.5	80.4	<49.8	<49.8	80.4	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	41.5
H-11	6/28/2023	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	31.5
H-12	6/28/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	37.3
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(H) Horizontals Sample

Table 2
Fasken Oil and Ranch
Wingerd 5 Flowline (06.08.23)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	8/24/2023	2.0'	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	260
CS-2	8/24/2023	2.0'	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	147
CS-3	8/24/2023	2.0'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	24.6
CS-4	8/24/2023	2.0'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	145
CS-5	8/24/2023	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	143
CS-6	8/24/2023	2.0'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	129
CS-7	8/24/2023	1.5'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	107
CS-8	8/24/2023	1.5'	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	144
CS-9	8/24/2023	1.5'	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	138
CS-10	8/24/2023	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	154
CS-11	8/24/2023	1.5'	53.5	<50.0	<50.0	53.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	106
CS-12	8/24/2023	1.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	173
CS-13	8/24/2023	1.5'	<50.3	<50.3	<50.3	<50.3	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	121
CS-14	8/24/2023	4.0'	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	150
CS-15	8/24/2023	4.0'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	112
CS-16	8/24/2023	4.0'	<49.5	<49.5	<49.5	<49.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	133
CS-17	8/24/2023	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	458
CS-18	8/24/2023	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	412
CS-19	8/24/2023	4.0'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	127
CS-20	8/24/2023	4.0'	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	144
CS-21	8/24/2023	4.0'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	321
CS-22	8/24/2023	3.5'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	96.8
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
Fasken Oil and Ranch
Wingerd 5 Flowline (06.08.23)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-23	8/24/2023	3.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	341
CS-24	8/24/2023	3.5'	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	118
CS-25	8/24/2023	3.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	127
CS-26	8/24/2023	3.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	108
CS-27	8/24/2023	3.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	138
CS-28	8/24/2023	3.5'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	133
CS-29	8/24/2023	3.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	155
CS-30	8/24/2023	3.5'	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	331
CS-31	8/24/2023	3.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	224
CS-32	8/24/2023	3.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	486
CS-33	8/24/2023	3.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	144
CS-34	8/24/2023	3.5'	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	117
CS-35	8/24/2023	3.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	138
CS-36	8/24/2023	3.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	360
CS-37	8/24/2023	3.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	126
CS-38	8/24/2023	3.5'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	92.8
CS-39	8/24/2023	3.5'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	233
CS-40	8/24/2023	3.5'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	480
CS-41	8/24/2023	3.5'	<50.4	76.6	<50.4	76.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	140
CS-42	8/24/2023	3.5'	<49.8	72.0	<49.8	72.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	138
CS-43	8/24/2023	3.5'	<50.2	63.2	<50.2	63.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	99.9
CS-44	8/24/2023	3.5'	<50.5	54.6	<50.5	54.6	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	128
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
Fasken Oil and Ranch
Wingerd 5 Flowline (06.08.23)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-45	8/24/2023	3.5'	<50.5	55.0	<50.5	55.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	145
CS-46	8/24/2023	1.0'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	137
CS-47	8/24/2023	1.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	138
CS-48	8/24/2023	1.0'	<50.2	53.4	<50.2	53.4	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	130
CS-49	8/24/2023	1.0'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	116
CS-50	8/24/2023	1.0'	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	117
CS-51	8/24/2023	1.0'	<49.9	49.9	<49.9	49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	106
CS-52	8/24/2023	0.5'	<50.0	51.7	<50.0	51.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	115
CS-53	8/24/2023	0.5'	<49.5	<49.5	<49.5	<49.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	111
CS-54	8/24/2023	0.5'	<50.3	50.6	<50.3	50.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	126
CS-55	8/24/2023	0.5'	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	112
CS-56	8/24/2023	0.5'	<50.1	51.0	<50.1	51.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	114
CS-57	8/24/2023	0.5'	<50.4	<50.4	<50.4	<50.4	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	130
SW-1	8/24/2023	2	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	169
SW-2	8/24/2023	2	<50.5	<50.5	<50.5	<50.5	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	124
SW-3	8/24/2023	2	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	112
SW-4	8/24/2023	1.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	141
SW-5	8/24/2023	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	163
SW-6	8/24/2023	1.5	<49.5	<49.5	<49.5	<49.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	130
SW-7	8/24/2023	2	<50.4	<50.4	<50.4	<50.4	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	142
SW-8	8/24/2023	3.5	<50.1	54.0	<50.1	54.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	81.7
SW-9	8/24/2023	3.5	<50.5	65.0	<50.5	65.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	117
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

(SW) Sidewall Sample

Table 2
Fasken Oil and Ranch
Wingerd 5 Flowline (06.08.23)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-10	8/24/2023	3.5'	<50.0	68.0	<50.0	68.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	124
SW-11	8/24/2023	3.5'	<49.9	66.9	<49.9	66.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	150
SW-12	8/24/2023	3.5'	<49.7	69.0	<49.7	69.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	142
SW-13	8/24/2023	3.5'	<49.6	58.6	<49.6	58.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	133
SW-14	8/24/2023	4.0'	<50.4	57.5	<50.4	57.5	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	134
SW-15	8/24/2023	3.5'	<50.3	63.4	<50.3	63.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	115
SW-16	8/24/2023	2.0'	<50.1	65.7	<50.1	65.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	133
SW-17	8/24/2023	1.0'	<49.7	67.2	<49.7	67.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	64.3
SW-18	8/24/2023	1.0'	<50.0	57.7	<50.0	57.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	83.3
SW-19	8/24/2023	0.5'	<50.3	62.1	<50.3	62.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	118
SW-20	8/24/2023	0.5'	<50.4	57.3	<50.4	57.3	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	124
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons
ft-feet

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Fasken Oil and Ranch

Photograph No. 1

Facility: Wingerd #5 Flowline

County: Lea County, New Mexico

Description:

View East, area of CS-1 through CS-13.



Photograph No. 2

Facility: Wingerd #5 Flowline

County: Lea County, New Mexico

Description:

View Southeast, areas of CS-14 through CS-57.



Photograph No. 3

Facility: Wingerd #5 Flowline

County: Lea County, New Mexico

Description:

View East, areas of CS-14 through CS-36.



PHOTOGRAPHIC LOG**Fasken Oil and Ranch****Photograph No. 4****Facility:** Wingerd #5 Flowline**County:** Lea County, New Mexico**Description:**

View East, areas of CS-37 through CS-51

**Photograph No. 5****Facility:** Wingerd #5 Flowline**County:** Lea County, New Mexico**Description:**

View South, of the backfilled excavation.

**Photograph No. 6****Facility:** Wingerd #5 Flowline**County:** Lea County, New Mexico**Description:**

View East, of the backfilled excavation.



APPENDIX C

CARMONA RESOURCES



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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	nAPP2316039814
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Fasken Oil and Ranch, Ltd.	OGRID 151416
Contact Name Addison Guelker	Contact Telephone 432-687-1777
Contact email addisong@forl.com	Incident # (assigned by OCD) nAPP2316039814
Contact mailing address 6101 Holiday Hill Road, Midland TX 79707	

Location of Release Source

Latitude 33.262379 Longitude -103.147142
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Wingerd #5 Flowline	Site Type Oil Well
Date Release Discovered 6/8/23	API# (if applicable) 30-025-05038

Unit Letter	Section	Township	Range	County
A	24	12S	37E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Oscar and Rusty Hennard)

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls) 1	Volume Recovered (bbls) 1
☒ Produced Water	Volume Released (bbls) 94	Volume Recovered (bbls) 80
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Hole in poly line due to age.

Incident ID	nAPP23160398
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Over 25 barrels.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? By Grant Huckabay to ocd.enviro@state.nm.us by e-mail.	

Initial Response

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

☒ The source of the release has been stopped.	
☒ The impacted area has been secured to protect human health and the environment.	
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☒ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: Flowline doesn't have a berm around it. It also rained so the spill traveled down the road.	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Addison Guelker</u>	Title: <u>Environmental Analyst</u>
Signature: <u></u>	Date: <u>6/9/23</u>
email: <u>addisong@forl.com</u>	Telephone: <u>432-687-1777</u>
OCD Only	
Received by: <u>Jocelyn Harimon</u>	Date: <u>06/09/2023</u>

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

Location of spill: Wingerd 5

Date of Spill: 8-Jun-2023

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box, flowline, tank battery, production vessel, transfer pump, or storage tank place an "X" here: ☒

Input Data:

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: OIL: 0.0 BBL WATER: 0.0 BBL

If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes.

Total Area Calculations							Standing Liquid Calculations						
Total Surface Area	width	length		wet soil depth	oil (%)		Standing Liquid Area	width	length	liquid depth	oil (%)		
Rectangle Area #1	25 ft	144 ft	X	2.00 in	1%		Rectangle Area #1	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #2	262 ft	17 ft	X	2.00 in	1%		Rectangle Area #2	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #3	53 ft	42 ft	X	2.00 in	1%		Rectangle Area #3	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #4	224 ft	132 ft	X	2 in	1%		Rectangle Area #4	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #5	0 ft	0 ft	X	0 in	0%		Rectangle Area #5	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #6	0 ft	0 ft	X	0 in	0%		Rectangle Area #6	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #7	0 ft	0 ft	X	0 in	0%		Rectangle Area #7	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #8	0 ft	0 ft	X	0 in	0%		Rectangle Area #8	0 ft	X	0 ft	X	0 in	0%

okay

production system leak - DAILY PRODUCTION DATA REQUIRED

Average Daily Production: Oil 0 BBL Water 0 BBL 0 Gas (MCFD)

Total Hydrocarbon Content in gas: 0% (percentage)

Did leak occur before the separator?: ☒ YES ☒ N/A (place an "X")

H2S Content in Produced Gas: 0 PPM

H2S Content in Tank Vapors: 0 PPM

Amount of Free Liquid Recovered: 0 BBL okay

Percentage of Oil in Free Liquid Recovered: 0% (percentage)

Liquid holding factor *: 0.08 gal per gal

Use the following when the spill wets the grains of the soil.

* Sand = 0.08 gallon (gal.) liquid per gal. volume of soil.

* Gravelly (caliche) loam = 0.14 gal. liquid per gal. volume of soil.

* Sandy clay loam soil = 0.14 gal liquid per gal. volume of soil.

* Clay loam = 0.16 gal. liquid per gal. volume of soil.

Use the following when the liquid completely fills the pore space of the soil:

Occurs when the spill soaked soil is contained by barriers, natural (or not).

* Clay loam = 0.20 gal. liquid per gal. volume of soil.

* Gravelly (caliche) loam = 0.25 gal. liquid per gal. volume of soil.

* Sandy loam = 0.5 gal. liquid per gal. volume of soil.

Total Solid/Liquid Volume: 39,848 sq. ft. 6,575 cu. ft. 66 cu. ft.	Total Free Liquid Volume: sq. ft. cu. ft. cu. ft.
Estimated Volumes Spilled	Estimated Production Volumes Lost
Liquid in Soil: 93.7 BBL H2O 0.9 BBL OIL	Estimated Production Spilled: 0.0 BBL H2O 0.0 BBL OIL
Free Liquid: 0.0 BBL	
Totals: 93.7 BBL 0.9 BBL	
Total Liquid Spill Liquid: 93.7 BBL 0.95 BBL	Estimated Surface Damage
	Surface Area: 39,848 sq. ft.
	Surface Area: .9148 acre
Recovered Volumes	Estimated Weights, and Volumes
Estimated oil recovered: BBL check - okay	Saturated Soil = 743,829 lbs 6,641 cu. ft. 246 cu. yds.
Estimated water recovered: BBL check - okay	Total Liquid = 95 BBL 3,974 gallon 33,065 lbs

Air Emission from flowline leaks:

Volume of oil spill: - BBL
 Separator gas calculated: - MCF
 Separator gas released: - MCF
 Gas released from oil: - lb
 H2S released: - lb
 Total HC gas released: - lb
 Total HC gas released: - MCF

Air Emission of Reporting Requirements:

New Mexico Texas
 HC gas release reportable? NO NO
 H2S release reportable? NO NO

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

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

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

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

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

CONDITIONS

Action 225911

CONDITIONS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 225911
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	6/9/2023

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAPP2316039814
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Addison Guelker

Title: Environmental Analyst

Signature: 

Date: 09/08/2023

email: addisong@forl.com

Telephone: 432-687-1777

OCD Only

Received by: Shelly Wells

Date: 9/8/2023

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

Incident ID	nAPP2316039814
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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.

Printed Name: Addison Guelker

Title: ENVIRONMENTAL ANALYST

Signature: 

Date: 09/08/23

email: addisong@forl.com

Telephone: 432-687-1777

OCD Only

Received by: Shelly Wells

Date: 9/8/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:



Date: 12/29/2023

Printed Name:

Nelson Velez

Title:

Environmental Specialist - Adv

From: Wells, Shelly, EMNRD
Sent: Monday, August 21, 2023 4:45 PM
To: Conner Moehring
Cc: Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD
Subject: RE: [EXTERNAL] Fasken – Wingerd 5 Flowline (06.08.23) - Sampling Notification

Hi Connor,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive | Santa Fe, NM 87505
(505)469-7520 | Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Conner Moehring <Cmoehring@carmonaresources.com>
Sent: Monday, August 21, 2023 4:27 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: GrantH@forl.com; Addison Guelker <addisong@forl.com>; Mike Carmona <Mcarmona@carmonaresources.com>; Devin Dominguez <Ddominguez@carmonaresources.com>
Subject: [EXTERNAL] Fasken – Wingerd 5 Flowline (06.08.23) - Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon,

This email serves as a notification for confirmation sampling on the Fasken – Wingerd 5 Flowline (06.08.23). Sampling is scheduled to begin on Thursday, August 24rd, around 7:30 a.m. Mountain Time. Carmona Resources personnel will be on-site to collect the confirmation samples.

Fasken – Wingerd 5 Flowline (06.08.23)
NAPP2316039814
Sec 24 T12S R37E Unit A
33.262379, -103.147142
Lea County, New Mexico

Conner R. Moehring
310 West Wall Street, Suite 500
Midland Texas, 79701
M: 432-813-6823
Cmoehring@carmonaresources.com

CARMONA RESOURCES



APPENDIX D

CARMONA RESOURCES

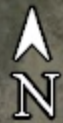
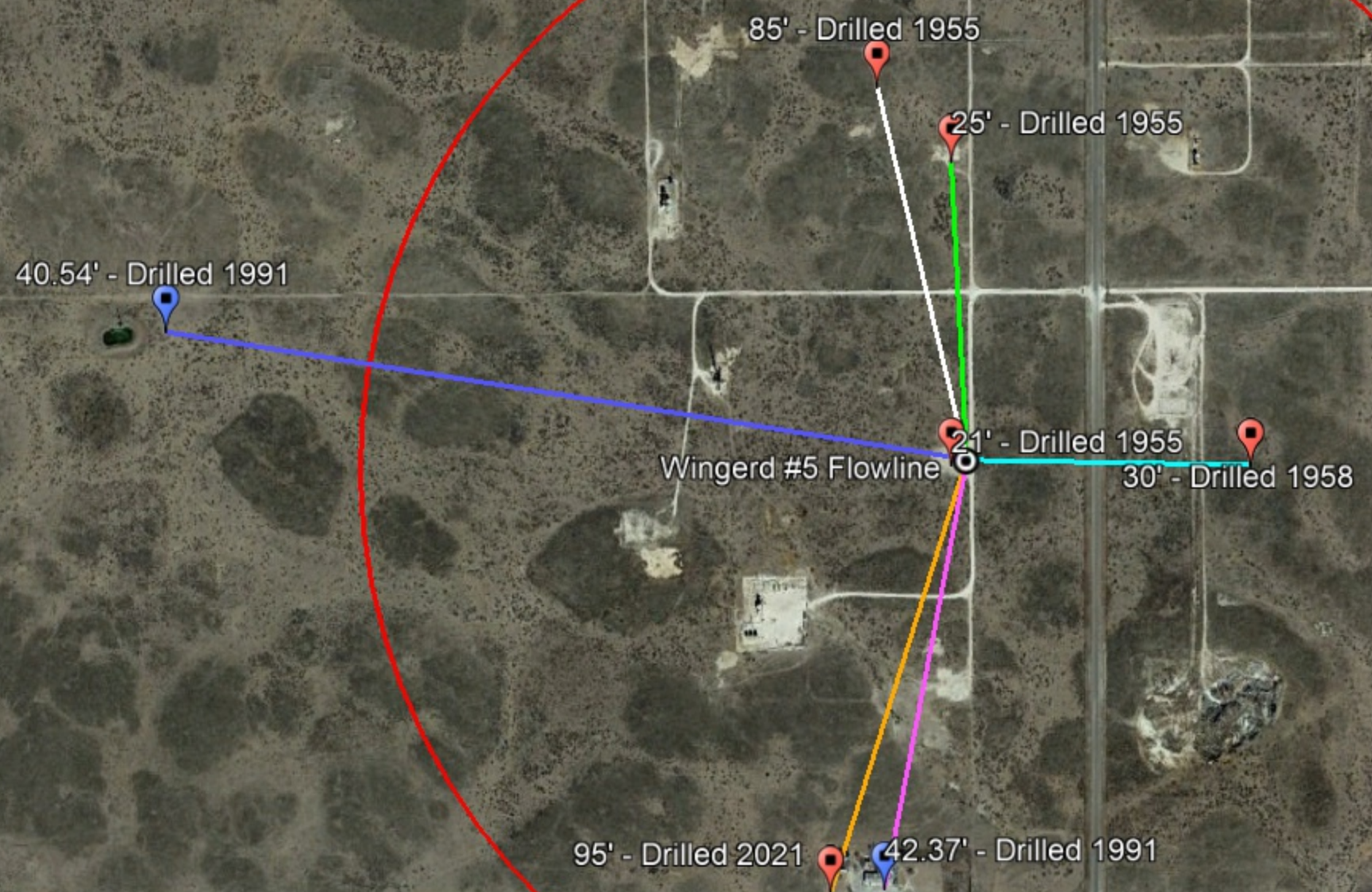


Nearest water well

Fasken Oil and Ranch

Legend

- 0.01 Miles
- 0.23 Miles
- 0.25 Miles
- 0.32 Miles
- 0.36 Miles
- 0.38 Miles
- 0.50 Mile Radius
- 0.67 Miles
- NMSEO Water Well
- USGS Water Well
- Wingerd #5 Flowline



2000 ft

Nearest water well

Fasken Oil and Ranch

Legend

 0.38 Miles

 0.50 Mile Radius

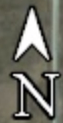
 NMSEO Water Well

 Wingerd #5 Flowline



Wingerd #5 Flowline

95' - Drilled 2021



2000 ft

Low Karst

Fasken Oil and Ranch

Legend

- Low
- Wingerd #5 Flowline

Wingerd #5 Flowline



5000 ft



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 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
L 01972	L	LE		2	4	24	12S	37E		672562	3681896*	23	58	21	37
L 02072	L	LE		2	4	24	12S	37E		672562	3681896*	23	61		
L 02307	L	LE		1	3	19	12S	38E		672962	3681902*	378	80	30	50
L 01163 POD1	L	LE		4	2	24	12S	37E		672555	3682298*	394	65	25	40
L 04812	L	LE		4	4	24	12S	37E		672569	3681493*	412	210	30	180
L 13412 POD2	L	LE		1	1	19	12S	38E		672883	3682300	495			
L 13412 POD1	L	LE		1	1	19	12S	38E		672883	3682306	500			
L 02224	L	LE		1	4	2	24	12S	37E	672454	3682397*	508	85	85	0
L 13412 POD5	L	LE		1	1	19	12S	38E		672903	3682313	518			
L 13412 POD4	L	LE		1	1	19	12S	38E		672898	3682325	524			
L 13412 POD3	L	LE		1	1	19	12S	38E		672890	3682346	537			
L 15197 POD1	L	LE		3	4	4	24	12S	37E	672411	3681324	605	200	95	105
L 01326	L	LE		2	2	24	12S	37E		672548	3682701*	796	80	21	59
L 03570	L	LE		4	1	19	12S	38E		673358	3682313*	874	90	28	62
L 01386	L	LE		1	1	19	12S	38E		672947	3682708*	881	82	30	52
L 00992 POD1	L	LE		1	2	24	12S	37E		672149	3682694*	900	42		
L 03569	L	LE		3	2	1	19	12S	38E	673249	3682614*	972	90	30	60
L 03017	L	LE		3	1	4	19	12S	38E	673667	3681817*	1086	80	28	52
L 01569 POD1	L	LE		3	3	3	18	12S	38E	672839	3683009*	1133	80	25	55
L 03354	L	LE		2	3	2	19	12S	38E	673860	3682420*	1376			
L 03533	L	LE		4	4	3	18	12S	38E	673442	3683017*	1404	60	20	40
L 09301	L	LE		4	1	30	12S	38E		673388	3680703*	1446	69		
L 01211 POD1	L	LE		4	1	25	12S	37E		671780	3680675*	1469	60		
L 01205 POD1	L	LE		1	1	25	12S	37E		671372	3681071*	1471	230		
L 03743	L	LE		2	4	13	12S	37E		672533	3683506*	1601	80	35	45
L 03845	L	LE		1	3	18	12S	38E		672932	3683513*	1645	83	25	58

*UTM location was derived from PLSS - see Help

(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
L 01289	L	LE		2	2	4	13	12S	37E	672632	3683605*	1700	63	26	37
L 03759	L	LE		4	2	3	18	12S	38E	673434	3683420*	1737	85	25	60
L 03308	L	LE		3	4	4	18	12S	38E	674048	3683033*	1848	75	28	47
L 03561	L	LE		4	4	2	13	12S	37E	672624	3683808*	1903	82	30	52
L 03581	L	LE			1	4	18	12S	38E	673738	3683529*	1992	165	30	135
L 01335	L	LE		2	1	2	26	12S	37E	670665	3681156*	2059	45	30	15
L 01400	L	LE			3	4	23	12S	37E	670559	3681459*	2073	76	32	44
L 01044	L	LE			1	2	26	12S	37E	670566	3681057*	2188	254	32	222
L 03720	L	LE			2	4	18	12S	38E	674142	3683536*	2255	92	26	66
L 03704	L	LE				1	18	12S	38E	673125	3684116*	2276	50	28	22
L 03704 POD2	L	LE		1	2	1	18	12S	38E	673125	3684116*	2276	248	26	222
L 03704 POD3	L	LE		1	2	1	18	12S	38E	673125	3684116*	2276	52	27	25
L 03704 POD4	L	LE		2	2	1	18	12S	38E	673125	3684116*	2276	56		
L 03730	L	LE		3	1	1	18	12S	38E	672816	3684217*	2323	78	27	51
L 03597	L	LE			3	3	17	12S	38E	674552	3683142*	2324	60	35	25
L 03621	L	LE			3	3	17	12S	38E	674552	3683142*	2324	86	26	60
L 03733	L	LE		4	1	1	18	12S	38E	673016	3684217*	2352	65	25	40
L 01212 POD1	L	LE			3	3	25	12S	37E	671391	3679863*	2364	72	55	17
L 01507 POD1	R	L	LE		4	3	23	12S	37E	670156	3681452*	2469	75	40	35
L 03394	L	LE			4	2	18	12S	38E	674134	3683939*	2557	50	25	25
L 07384 POD1	L	LE		1	1	2	18	12S	38E	673622	3684433*	2732	60	40	20
L 07384 POD2	L	LE		1	1	2	18	12S	38E	673622	3684433*	2732	60	40	20
L 01015 POD1	L	LE		4	3	3	23	12S	37E	669852	3681344*	2789	97		
L 00087 POD2	L	LE		2	1	2	18	12S	38E	673822	3684433*	2814	60	26	34
L 00087 S	L	LE		2	1	2	18	12S	38E	673822	3684433*	2814	59		
L 07384 POD3	L	LE		2	1	2	18	12S	38E	673822	3684433*	2814	60	40	20
L 07384 POD4	L	LE		2	1	2	18	12S	38E	673822	3684433*	2814	60	40	20
L 01507 POD2	L	LE			1	3	23	12S	37E	669746	3681848*	2838	100	35	65
L 03475	L	LE			2	2	18	12S	38E	674127	3684341*	2883	55	25	30

*UTM location was derived from PLSS - see Help

(A CLW##### in the
POD suffix indicates the
POD has been replaced
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(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
L 07428 POD1	L	LE		1	2	2	18	12S	38E	674026	3684440*	2916	50		
L 07428 POD2	L	LE		1	2	2	18	12S	38E	674026	3684440*	2916	56		
L 07428 POD3	L	LE		1	2	2	18	12S	38E	674026	3684440*	2916	60		
L 07428 POD4	L	LE		1	2	2	18	12S	38E	674026	3684440*	2916	55		
L 07428 POD5	L	LE		1	2	2	18	12S	38E	674026	3684440*	2916	55		
L 07428 POD6	L	LE		1	2	2	18	12S	38E	674026	3684440*	2916	55		
L 01482	L	LE		1	1	26	12S	37E	669760	3681043*	2952	75	31	44	
L 00282 POD2	L	LE		1	3	1	23	12S	37E	669639	3682349*	2978	247		
L 03637	L	LE		3	4	07	12S	38E	673716	3684736*	3048	83	35	48	
L 00282	R	L	LE	1	1	1	23	12S	37E	669633	3682752*	3070	247		
L 10534	L	LE		1	1	3	31	12S	38E	672919	3678782*	3140	140	45	95
L 06965	L	LE		2	4	20	12S	38E	675781	3681959*	3197	65	39	26	
L 03711	L	LE		4	4	07	12S	38E	674119	3684744*	3227	68	32	36	
L 03482	L	LE		2	1	17	12S	38E	674932	3684357*	3394				
L 04977	L	LE		2	2	3	07	12S	38E	673404	3685230*	3424	72	25	47
L 06735	L	LE		2	4	4	36	12S	37E	672724	3678373*	3534	80	35	45
L 03807	L	LE				07	12S	38E	673512	3685324*	3542	61	25	36	
L 00253	L	LE		1	1	2	32	12S	38E	675321	3679635*	3555	72	60	12
L 06384	L	LE		2	4	27	12S	37E	669370	3680231*	3623	93	33	60	
L 04071	L	LE		3	4	22	12S	37E	668947	3681432*	3667	250			
L 02623	L	LE		4	1	35	12S	37E	670196	3679038*	3731	100	45	55	
L 04494	L	LE				35	12S	37E	670411	3678830*	3765	70	40	30	
L 03618	L	LE		1	3	08	12S	38E	674515	3685154*	3779	86	38	48	
L 14582 POD1	L	LE		3	2	2	32	12S	38E	675676	3679457	3943	270	43	227
L 03538	L	LE		4	2	07	12S	38E	674104	3685549*	3948	95	40	55	
L 00253 S	L	LE		3	3	2	32	12S	38E	675328	3679033*	3972	62	62	0

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Page 3 of 4

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Average Depth to Water: 34 feet
Minimum Depth: 20 feet
Maximum Depth: 95 feet

Record Count: 81

UTMNAD83 Radius Search (in meters):

Easting (X): 672584 Northing (Y): 3681905 Radius: 4000



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
L	01972		2	4	24	12S	37E	672562	3681896*
Driller License:	35	Driller Company:		AQUA DRILLING CO.					
Driller Name:	TATUM, R.L.								
Drill Start Date:	02/25/1953	Drill Finish Date:		02/26/1953		Plug Date:		03/10/1955	
Log File Date:	03/04/1953	PCW Rev Date:		02/27/1953		Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:	6.00	Depth Well:		58 feet		Depth Water:		21 feet	
Water Bearing Stratifications:		Top	Bottom	Description					
		21	24	Sandstone/Gravel/Conglomerate					
		40	42	Sandstone/Gravel/Conglomerate					
Casing Perforations:		Top	Bottom						
		21	42						

*UTM location was derived from PLSS - see Help

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POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
L	02307		1	3	19	12S	38E	672962	3681902*
Driller License: 46		Driller Company:		ABBOTT BROTHERS COMPANY					
Driller Name:		BERNARD NELSON							
Drill Start Date: 07/30/1953		Drill Finish Date:		07/30/1953		Plug Date:		08/15/1958	
Log File Date: 08/06/1953		PCW Rev Date:		08/06/1953		Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:		Depth Well:		80 feet		Depth Water:		30 feet	
Water Bearing Stratifications:		Top	Bottom	Description					
		30	34	Sandstone/Gravel/Conglomerate					
		61	65	Sandstone/Gravel/Conglomerate					

*UTM location was derived from PLSS - see Help

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POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
L	01163 POD1		4	2	24	12S	37E	672555	3682298*

Driller License:

Driller Company:

Driller Name: AQUA DRILLING CO

Drill Start Date: 07/15/1951

Drill Finish Date: 07/17/1951

Plug Date: 03/11/1955

Log File Date: 07/23/1951

PCW Rev Date: 09/10/1952

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size: 6.63

Depth Well: 65 feet

Depth Water: 25 feet

Water Bearing Stratifications:

Top	Bottom	Description
35	36	Sandstone/Gravel/Conglomerate
38	58	Sandstone/Gravel/Conglomerate
58	65	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
34	55

*UTM location was derived from PLSS - see Help

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POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
L	02224	1	4	2	24	12S	37E	672454	3682397*
Driller License: 35		Driller Company:		AQUA DRILLING CO.					
Driller Name: TATUM, ROY									
Drill Start Date: 06/05/1953		Drill Finish Date:		06/05/1953		Plug Date:		07/19/1955	
Log File Date: 02/10/1955		PCW Rev Date:		10/18/1954		Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:		Depth Well:		85 feet		Depth Water:		85 feet	
Water Bearing Stratifications:		Top	Bottom	Description					
		32	33	Sandstone/Gravel/Conglomerate					
		64	69	Sandstone/Gravel/Conglomerate					

*UTM location was derived from PLSS - see Help

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POINT OF DIVERSION SUMMARY



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National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

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- [Full News](#)

Groundwater levels for New Mexico

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Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 331526103084901

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 331526103084901 12S.37E.24.44330

Lea County, New Mexico
Latitude 33°15'26", Longitude 103°08'54" NAD27
Land-surface elevation 3,875.00 feet above NGVD29
The depth of the well is 210 feet below land surface.
This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.
This well is completed in the Cretaceous System (210CRCS) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1981-08-25			D 62610		3830.91	NGVD29	1		Z	
1981-08-25			D 62611		3832.37	NAVD88	1		Z	
1981-08-25			D 72019	44.09			1		Z	
1986-02-13			D 62610		3832.55	NGVD29	1		Z	
1986-02-13			D 62611		3834.01	NAVD88	1		Z	
1986-02-13			D 72019	42.45			1		Z	
1991-02-07			D 62610		3832.63	NGVD29	1		Z	
1991-02-07			D 62611		3834.09	NAVD88	1		Z	
1991-02-07			D 72019	42.37			1		Z	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day

Section	Code	Description
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



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0.28 0.24 nadww01



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
20F8E	L 15197 POD1	3	4	4	24	12S	37E	672411	3681324 
Driller License: 1753		Driller Company:		VANGUARD WATER WELLS					
Driller Name: JACOB FRIESSEN									
Drill Start Date: 12/21/2021		Drill Finish Date:		12/21/2021		Plug Date:			
Log File Date: 01/18/2022		PCW Rev Date:				Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:		10 GPM	
Casing Size: 5.00		Depth Well:		200 feet		Depth Water:		95 feet	
Water Bearing Stratifications:		Top	Bottom	Description					
		75	194	Other/Unknown					
Casing Perforations:		Top	Bottom						
		160	200						

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POINT OF DIVERSION SUMMARY

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? S
				Groundwater	New Mexico	GO	

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 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 331550103092701

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 331550103092701 12S.37E.24.31221

Lea County, New Mexico
Latitude 33°15'50", Longitude 103°09'31" NAD27
Land-surface elevation 3,881.00 feet above NGVD29
This well is completed in the High Plains aquifer (N100HGHLN) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1981-02-27			D 62610		3847.66	NGVD29	1		Z	
1981-02-27			D 62611		3849.13	NAVD88	1		Z	
1981-02-27			D 72019	33.34			1		Z	
1986-02-13			D 62610		3839.16	NGVD29	P		Z	
1986-02-13			D 62611		3840.63	NAVD88	P		Z	
1986-02-13			D 72019	41.84			P		Z	
1986-05-02			D 62610		3836.85	NGVD29	P		Z	
1986-05-02			D 62611		3838.32	NAVD88	P		Z	
1986-05-02			D 72019	44.15			P		Z	
1991-01-31			D 62610		3840.46	NGVD29	1		Z	
1991-01-31			D 62611		3841.93	NAVD88	1		Z	
1991-01-31			D 72019	40.54			1		Z	

Explanation

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? S
Parameter code		72019	Depth to water level, feet below land surface				
Referenced vertical datum		NAVD88	North American Vertical Datum of 1988				
Referenced vertical datum		NGVD29	National Geodetic Vertical Datum of 1929				
Status		1	Static				
Status		P	Pumping				
Method of measurement		Z	Other.				
Measuring agency			Not determined				
Source of measurement			Not determined				
Water-level approval status		A	Approved for publication -- Processing and review completed.				

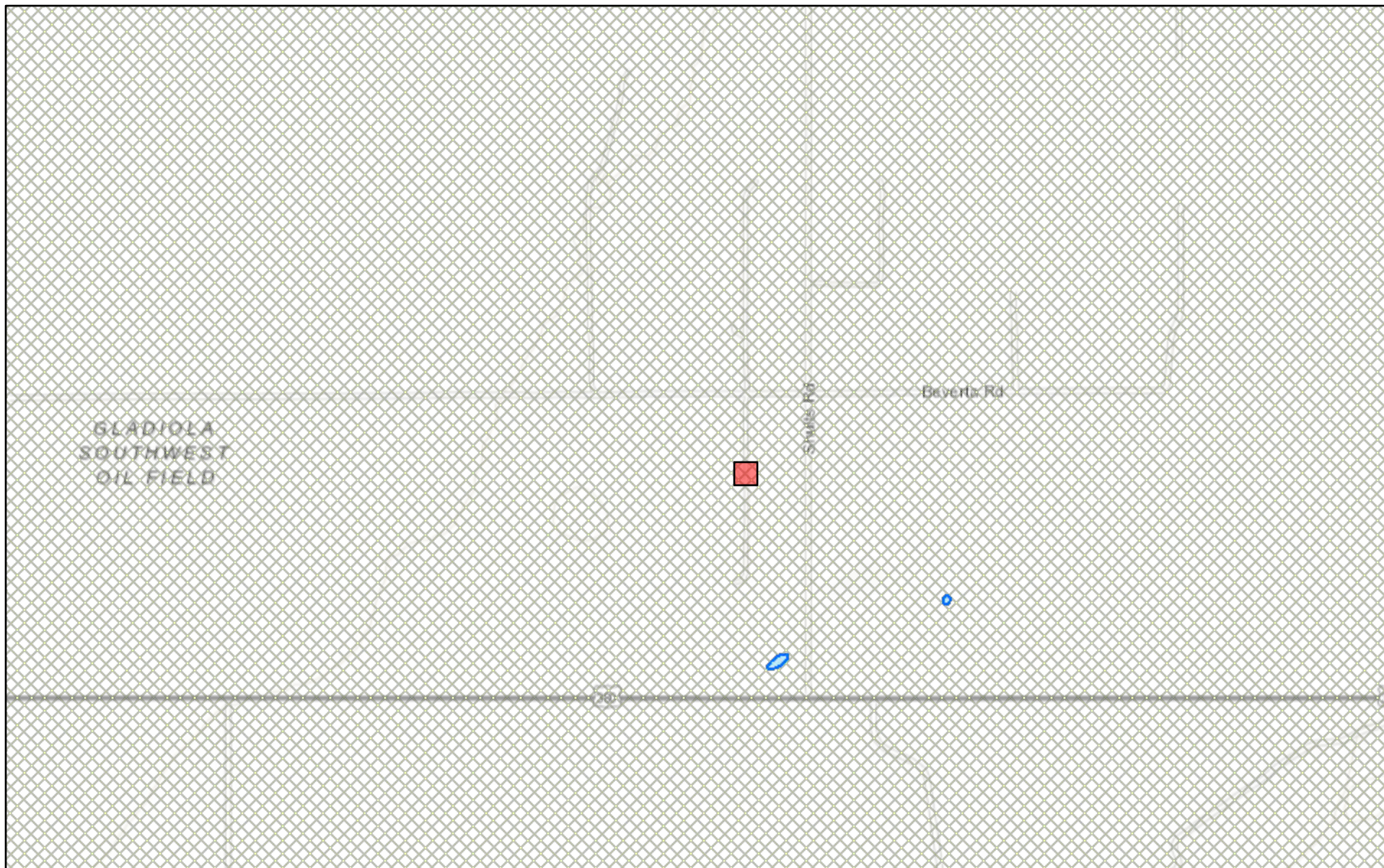
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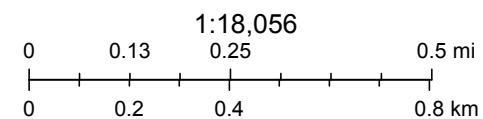


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New Mexico NFHL Data



June 19, 2023



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

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APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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Generated 7/7/2023 3:43:44 PM

JOB DESCRIPTION

Wingerd 5 Flowline (06.08.23)
SDG NUMBER Lea County NM

JOB NUMBER

880-30289-1

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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Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Laboratory Job ID: 880-30289-1
SDG: Lea County NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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.
α	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/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

Job ID: 880-30289-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-30289-1****Receipt**

The samples were received on 7/3/2023 9:04 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-30287-A-21-C). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-56908 and analytical batch 880-56823 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-56949/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-56963 and analytical batch 880-57143 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-30289-A-9-D MS) and (880-30289-A-9-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-56963 and analytical batch 880-57143 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-57020 and analytical batch 880-57070 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

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

Lab Sample ID: 880-30289-1

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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		07/03/23 12:53	07/04/23 02:17	1
Toluene	<0.00202	U **	0.00202		mg/Kg		07/03/23 12:53	07/04/23 02:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/03/23 12:53	07/04/23 02:17	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/03/23 12:53	07/04/23 02:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/03/23 12:53	07/04/23 02:17	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/03/23 12:53	07/04/23 02:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	07/03/23 12:53	07/04/23 02:17	1
1,4-Difluorobenzene (Surr)	105		70 - 130	07/03/23 12:53	07/04/23 02:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			07/05/23 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/06/23 10:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/05/23 08:47	07/05/23 19:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/05/23 08:47	07/05/23 19:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/05/23 08:47	07/05/23 19:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	07/05/23 08:47	07/05/23 19:58	1
o-Terphenyl	90		70 - 130	07/05/23 08:47	07/05/23 19:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.0		4.98		mg/Kg			07/06/23 00:39	1

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

Lab Sample ID: 880-30289-2

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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		07/03/23 12:53	07/04/23 02:38	1
Toluene	<0.00199	U **	0.00199		mg/Kg		07/03/23 12:53	07/04/23 02:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/03/23 12:53	07/04/23 02:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/03/23 12:53	07/04/23 02:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/03/23 12:53	07/04/23 02:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/03/23 12:53	07/04/23 02:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	07/03/23 12:53	07/04/23 02:38	1
1,4-Difluorobenzene (Surr)	106		70 - 130	07/03/23 12:53	07/04/23 02:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

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

Lab Sample ID: 880-30289-2

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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			07/05/23 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/06/23 10:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/05/23 08:47	07/05/23 20:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/05/23 08:47	07/05/23 20:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/05/23 08:47	07/05/23 20:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				07/05/23 08:47	07/05/23 20:23	1
o-Terphenyl	86		70 - 130				07/05/23 08:47	07/05/23 20:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.6		5.04		mg/Kg			07/06/23 00:44	1

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

Lab Sample ID: 880-30289-3

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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		07/03/23 12:53	07/04/23 02:59	1
Toluene	<0.00198	U **	0.00198		mg/Kg		07/03/23 12:53	07/04/23 02:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/03/23 12:53	07/04/23 02:59	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/03/23 12:53	07/04/23 02:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/03/23 12:53	07/04/23 02:59	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/03/23 12:53	07/04/23 02:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				07/03/23 12:53	07/04/23 02:59	1
1,4-Difluorobenzene (Surr)	102		70 - 130				07/03/23 12:53	07/04/23 02:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/05/23 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/06/23 10:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/05/23 08:47	07/05/23 20:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/05/23 08:47	07/05/23 20:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

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

Lab Sample ID: 880-30289-3

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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		07/05/23 08:47	07/05/23 20:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				07/05/23 08:47	07/05/23 20:47	1
o-Terphenyl	102		70 - 130				07/05/23 08:47	07/05/23 20:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.7		4.95		mg/Kg			07/06/23 00:49	1

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

Lab Sample ID: 880-30289-4

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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		07/03/23 12:53	07/04/23 03:20	1
Toluene	<0.00200	U *	0.00200		mg/Kg		07/03/23 12:53	07/04/23 03:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/03/23 12:53	07/04/23 03:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/03/23 12:53	07/04/23 03:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/03/23 12:53	07/04/23 03:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/03/23 12:53	07/04/23 03:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				07/03/23 12:53	07/04/23 03:20	1
1,4-Difluorobenzene (Surr)	105		70 - 130				07/03/23 12:53	07/04/23 03:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			07/05/23 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/06/23 10:12	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		07/05/23 08:47	07/05/23 21:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/05/23 08:47	07/05/23 21:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/05/23 08:47	07/05/23 21:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				07/05/23 08:47	07/05/23 21:11	1
o-Terphenyl	101		70 - 130				07/05/23 08:47	07/05/23 21:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.0		4.96		mg/Kg			07/06/23 00:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

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

Lab Sample ID: 880-30289-5

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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		07/03/23 12:53	07/04/23 04:45	1
Toluene	<0.00200	U **	0.00200		mg/Kg		07/03/23 12:53	07/04/23 04:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/03/23 12:53	07/04/23 04:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/03/23 12:53	07/04/23 04:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/03/23 12:53	07/04/23 04:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/03/23 12:53	07/04/23 04:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	07/03/23 12:53	07/04/23 04:45	1
1,4-Difluorobenzene (Surr)	101		70 - 130	07/03/23 12:53	07/04/23 04:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/05/23 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/06/23 10:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/05/23 08:47	07/05/23 21:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/05/23 08:47	07/05/23 21:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/05/23 08:47	07/05/23 21:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	07/05/23 08:47	07/05/23 21:35	1
o-Terphenyl	109		70 - 130	07/05/23 08:47	07/05/23 21:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.2		5.03		mg/Kg			07/06/23 01:00	1

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

Lab Sample ID: 880-30289-6

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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		07/03/23 12:53	07/04/23 05:06	1
Toluene	<0.00201	U **	0.00201		mg/Kg		07/03/23 12:53	07/04/23 05:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/03/23 12:53	07/04/23 05:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/03/23 12:53	07/04/23 05:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/03/23 12:53	07/04/23 05:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/03/23 12:53	07/04/23 05:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	07/03/23 12:53	07/04/23 05:06	1
1,4-Difluorobenzene (Surr)	102		70 - 130	07/03/23 12:53	07/04/23 05:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

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

Lab Sample ID: 880-30289-6

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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			07/05/23 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	96.7		49.8		mg/Kg			07/06/23 10:12	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		07/05/23 08:47	07/06/23 06:40	1
Diesel Range Organics (Over C10-C28)	21.5		49.8		mg/Kg		07/05/23 08:47	07/06/23 06:40	1
Oil Range Organics (Over C28-C36)	75.2		49.8		mg/Kg		07/05/23 08:47	07/06/23 06:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				07/05/23 08:47	07/06/23 06:40	1
o-Terphenyl	117		70 - 130				07/05/23 08:47	07/06/23 06:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.2		5.04		mg/Kg			07/06/23 01:05	1

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

Lab Sample ID: 880-30289-7

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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		07/03/23 12:53	07/04/23 05:27	1
Toluene	<0.00199	U *	0.00199		mg/Kg		07/03/23 12:53	07/04/23 05:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/03/23 12:53	07/04/23 05:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/03/23 12:53	07/04/23 05:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/03/23 12:53	07/04/23 05:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/03/23 12:53	07/04/23 05:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				07/03/23 12:53	07/04/23 05:27	1
1,4-Difluorobenzene (Surr)	104		70 - 130				07/03/23 12:53	07/04/23 05:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/05/23 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/06/23 10:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/05/23 08:47	07/06/23 07:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

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

Lab Sample ID: 880-30289-7

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/05/23 08:47	07/06/23 07:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/05/23 08:47	07/06/23 07:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				07/05/23 08:47	07/06/23 07:02	1
o-Terphenyl	128		70 - 130				07/05/23 08:47	07/06/23 07:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.5		4.97		mg/Kg			07/06/23 01:10	1

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

Lab Sample ID: 880-30289-8

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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		07/03/23 12:53	07/04/23 05:47	1
Toluene	<0.00199	U **	0.00199		mg/Kg		07/03/23 12:53	07/04/23 05:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/03/23 12:53	07/04/23 05:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/03/23 12:53	07/04/23 05:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/03/23 12:53	07/04/23 05:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/03/23 12:53	07/04/23 05:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				07/03/23 12:53	07/04/23 05:47	1
1,4-Difluorobenzene (Surr)	106		70 - 130				07/03/23 12:53	07/04/23 05:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/05/23 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/06/23 10:12	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		07/05/23 08:47	07/06/23 07:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/05/23 08:47	07/06/23 07:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/05/23 08:47	07/06/23 07:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				07/05/23 08:47	07/06/23 07:24	1
o-Terphenyl	96		70 - 130				07/05/23 08:47	07/06/23 07:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.4		5.02		mg/Kg			07/06/23 22:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

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

Lab Sample ID: 880-30289-9

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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		07/03/23 12:53	07/04/23 06:08	1
Toluene	<0.00198	U **	0.00198		mg/Kg		07/03/23 12:53	07/04/23 06:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/03/23 12:53	07/04/23 06:08	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/03/23 12:53	07/04/23 06:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/03/23 12:53	07/04/23 06:08	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/03/23 12:53	07/04/23 06:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	07/03/23 12:53	07/04/23 06:08	1
1,4-Difluorobenzene (Surr)	103		70 - 130	07/03/23 12:53	07/04/23 06:08	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			07/05/23 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/07/23 16:18	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	<49.9	U	49.9		mg/Kg		07/05/23 10:35	07/07/23 13:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		07/05/23 10:35	07/07/23 13:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/05/23 10:35	07/07/23 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	07/05/23 10:35	07/07/23 13:45	1
o-Terphenyl	102		70 - 130	07/05/23 10:35	07/07/23 13:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.3		4.99		mg/Kg			07/06/23 22:50	1

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

Lab Sample ID: 880-30289-10

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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		07/03/23 12:53	07/04/23 06:29	1
Toluene	<0.00202	U **	0.00202		mg/Kg		07/03/23 12:53	07/04/23 06:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/03/23 12:53	07/04/23 06:29	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/03/23 12:53	07/04/23 06:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/03/23 12:53	07/04/23 06:29	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/03/23 12:53	07/04/23 06:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	07/03/23 12:53	07/04/23 06:29	1
1,4-Difluorobenzene (Surr)	106		70 - 130	07/03/23 12:53	07/04/23 06:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

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

Lab Sample ID: 880-30289-10

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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			07/05/23 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	80.4		49.8		mg/Kg			07/07/23 16:18	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		07/05/23 10:35	07/07/23 15:17	1
Diesel Range Organics (Over C10-C28)	80.4		49.8		mg/Kg		07/05/23 10:35	07/07/23 15:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/05/23 10:35	07/07/23 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				07/05/23 10:35	07/07/23 15:17	1
o-Terphenyl	107		70 - 130				07/05/23 10:35	07/07/23 15:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.5		4.96		mg/Kg			07/06/23 22:55	1

Client Sample ID: H-11 (0-0.5')

Lab Sample ID: 880-30289-11

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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		07/03/23 12:53	07/04/23 06:50	1
Toluene	<0.00201	U **	0.00201		mg/Kg		07/03/23 12:53	07/04/23 06:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/03/23 12:53	07/04/23 06:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/03/23 12:53	07/04/23 06:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/03/23 12:53	07/04/23 06:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/03/23 12:53	07/04/23 06:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				07/03/23 12:53	07/04/23 06:50	1
1,4-Difluorobenzene (Surr)	110		70 - 130				07/03/23 12:53	07/04/23 06:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/05/23 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/07/23 16:18	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		07/05/23 10:35	07/07/23 15:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/05/23 10:35	07/07/23 15:39	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

Client Sample ID: H-11 (0-0.5')

Lab Sample ID: 880-30289-11

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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		07/05/23 10:35	07/07/23 15:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				07/05/23 10:35	07/07/23 15:39	1
o-Terphenyl	102		70 - 130				07/05/23 10:35	07/07/23 15:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.5		5.02		mg/Kg			07/06/23 23:01	1

Client Sample ID: H-12 (0-0.5')

Lab Sample ID: 880-30289-12

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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		07/03/23 12:53	07/04/23 07:11	1
Toluene	<0.00198	U *	0.00198		mg/Kg		07/03/23 12:53	07/04/23 07:11	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/03/23 12:53	07/04/23 07:11	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/03/23 12:53	07/04/23 07:11	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/03/23 12:53	07/04/23 07:11	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/03/23 12:53	07/04/23 07:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				07/03/23 12:53	07/04/23 07:11	1
1,4-Difluorobenzene (Surr)	101		70 - 130				07/03/23 12:53	07/04/23 07:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/05/23 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/07/23 16:18	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	<49.9	U	49.9		mg/Kg		07/05/23 10:35	07/07/23 14:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/05/23 10:35	07/07/23 14:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/05/23 10:35	07/07/23 14:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				07/05/23 10:35	07/07/23 14:55	1
o-Terphenyl	97		70 - 130				07/05/23 10:35	07/07/23 14:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.3		5.00		mg/Kg			07/06/23 23:06	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea 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)
880-30287-A-21-A MS	Matrix Spike	101	102
880-30287-A-21-B MSD	Matrix Spike Duplicate	107	96
880-30289-1	H-1 (0-0.5')	108	105
880-30289-2	H-2 (0-0.5')	107	106
880-30289-3	H-3 (0-0.5')	117	102
880-30289-4	H-4 (0-0.5')	114	105
880-30289-5	H-5 (0-0.5')	103	101
880-30289-6	H-6 (0-0.5')	121	102
880-30289-7	H-7 (0-0.5')	119	104
880-30289-8	H-8 (0-0.5')	123	106
880-30289-9	H-9 (0-0.5')	113	103
880-30289-10	H-10 (0-0.5')	113	106
880-30289-11	H-11 (0-0.5')	109	110
880-30289-12	H-12 (0-0.5')	119	101
LCS 880-56908/1-A	Lab Control Sample	110	99
LCSD 880-56908/2-A	Lab Control Sample Dup	107	101
MB 880-56854/5-A	Method Blank	98	87
MB 880-56908/5-A	Method Blank	98	87
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-30287-A-23-C MS	Matrix Spike	105	106
880-30287-A-23-D MSD	Matrix Spike Duplicate	106	108
880-30289-1	H-1 (0-0.5')	90	90
880-30289-2	H-2 (0-0.5')	89	86
880-30289-3	H-3 (0-0.5')	100	102
880-30289-4	H-4 (0-0.5')	100	101
880-30289-5	H-5 (0-0.5')	107	109
880-30289-6	H-6 (0-0.5')	115	117
880-30289-7	H-7 (0-0.5')	126	128
880-30289-8	H-8 (0-0.5')	94	96
880-30289-9	H-9 (0-0.5')	122	102
880-30289-9 MS	H-9 (0-0.5')	144 S1+	111
880-30289-9 MSD	H-9 (0-0.5')	139 S1+	107
880-30289-10	H-10 (0-0.5')	129	107
880-30289-11	H-11 (0-0.5')	122	102
880-30289-12	H-12 (0-0.5')	117	97
LCS 880-56949/2-A	Lab Control Sample	64 S1-	71
LCS 880-56963/2-A	Lab Control Sample	105	93
LCSD 880-56949/3-A	Lab Control Sample Dup	79	86
LCSD 880-56963/3-A	Lab Control Sample Dup	106	94
MB 880-56949/1-A	Method Blank	113	123

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Surrogate Summary

Client: Carmona Resources

Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1

SDG: Lea County NM

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)
MB 880-56963/1-A	Method Blank	163 S1+	148 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-56854/5-A

Matrix: Solid

Analysis Batch: 56823

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 56854

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/03/23 09:49	07/03/23 12:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/03/23 09:49	07/03/23 12:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/03/23 09:49	07/03/23 12:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/03/23 09:49	07/03/23 12:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/03/23 09:49	07/03/23 12:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/03/23 09:49	07/03/23 12:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	07/03/23 09:49	07/03/23 12:55	1
1,4-Difluorobenzene (Surr)	87		70 - 130	07/03/23 09:49	07/03/23 12:55	1

Lab Sample ID: MB 880-56908/5-A

Matrix: Solid

Analysis Batch: 56823

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 56908

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/03/23 12:53	07/03/23 23:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/03/23 12:53	07/03/23 23:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/03/23 12:53	07/03/23 23:50	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/03/23 12:53	07/03/23 23:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/03/23 12:53	07/03/23 23:50	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/03/23 12:53	07/03/23 23:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	07/03/23 12:53	07/03/23 23:50	1
1,4-Difluorobenzene (Surr)	87		70 - 130	07/03/23 12:53	07/03/23 23:50	1

Lab Sample ID: LCS 880-56908/1-A

Matrix: Solid

Analysis Batch: 56823

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 56908

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1227		mg/Kg		123	70 - 130
Toluene	0.100	0.1329	*+	mg/Kg		133	70 - 130
Ethylbenzene	0.100	0.1156		mg/Kg		116	70 - 130
m-Xylene & p-Xylene	0.200	0.2412		mg/Kg		121	70 - 130
o-Xylene	0.100	0.1159		mg/Kg		116	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-56908/2-A

Matrix: Solid

Analysis Batch: 56823

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 56908

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1293		mg/Kg		129	70 - 130	5	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-56908/2-A

Matrix: Solid

Analysis Batch: 56823

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 56908

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1339	*+	mg/Kg		134	70 - 130	1	35
Ethylbenzene	0.100	0.1144		mg/Kg		114	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2380		mg/Kg		119	70 - 130	1	35
o-Xylene	0.100	0.1144		mg/Kg		114	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-30287-A-21-A MS

Matrix: Solid

Analysis Batch: 56823

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 56908

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.0996	0.1056		mg/Kg		106	70 - 130
Toluene	<0.00202	U *	0.0996	0.1052		mg/Kg		106	70 - 130
Ethylbenzene	<0.00202	U	0.0996	0.08333		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.199	0.1676		mg/Kg		84	70 - 130
o-Xylene	<0.00202	U	0.0996	0.08074		mg/Kg		81	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-30287-A-21-B MSD

Matrix: Solid

Analysis Batch: 56823

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 56908

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0990	0.1008		mg/Kg		102	70 - 130	5	35
Toluene	<0.00202	U *	0.0990	0.1074		mg/Kg		108	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.0990	0.08802		mg/Kg		89	70 - 130	5	35
m-Xylene & p-Xylene	<0.00403	U	0.198	0.1790		mg/Kg		90	70 - 130	7	35
o-Xylene	<0.00202	U	0.0990	0.08630		mg/Kg		87	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

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

Lab Sample ID: MB 880-56949/1-A

Matrix: Solid

Analysis Batch: 56957

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 56949

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		07/05/23 08:47	07/05/23 11:01	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-56949/1-A

Matrix: Solid

Analysis Batch: 56957

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 56949

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		07/05/23 08:47	07/05/23 11:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/05/23 08:47	07/05/23 11:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				07/05/23 08:47	07/05/23 11:01	1
o-Terphenyl	123		70 - 130				07/05/23 08:47	07/05/23 11:01	1

Lab Sample ID: LCS 880-56949/2-A

Matrix: Solid

Analysis Batch: 56957

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 56949

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	756.7		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	1000	824.3		mg/Kg		82	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	64	S1-	70 - 130				
o-Terphenyl	71		70 - 130				

Lab Sample ID: LCSD 880-56949/3-A

Matrix: Solid

Analysis Batch: 56957

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 56949

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	780.4		mg/Kg		78	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	888.4		mg/Kg		89	70 - 130	7	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	79		70 - 130						
o-Terphenyl	86		70 - 130						

Lab Sample ID: 880-30287-A-23-C MS

Matrix: Solid

Analysis Batch: 56957

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 56949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	907.0		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	809.3		mg/Kg		78	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	105		70 - 130						
o-Terphenyl	106		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

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

Lab Sample ID: 880-30287-A-23-D MSD

Matrix: Solid

Analysis Batch: 56957

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 56949

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	996	863.2		mg/Kg		84	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	814.8		mg/Kg		79	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	106		70 - 130								
o-Terphenyl	108		70 - 130								

Lab Sample ID: MB 880-56963/1-A

Matrix: Solid

Analysis Batch: 57143

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 56963

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		07/05/23 10:35	07/07/23 10:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/05/23 10:35	07/07/23 10:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/05/23 10:35	07/07/23 10:40	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	163	S1+	70 - 130				07/05/23 10:35	07/07/23 10:40	1
o-Terphenyl	148	S1+	70 - 130				07/05/23 10:35	07/07/23 10:40	1

Lab Sample ID: LCS 880-56963/2-A

Matrix: Solid

Analysis Batch: 57143

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 56963

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1046		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	781.1		mg/Kg		78	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	105		70 - 130						
o-Terphenyl	93		70 - 130						

Lab Sample ID: LCSD 880-56963/3-A

Matrix: Solid

Analysis Batch: 57143

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 56963

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1018		mg/Kg		102	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	805.2		mg/Kg		81	70 - 130	3	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-56963/3-A

Matrix: Solid

Analysis Batch: 57143

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 56963

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: 880-30289-9 MS

Matrix: Solid

Analysis Batch: 57143

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

Prep Type: Total/NA

Prep Batch: 56963

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1054		mg/Kg		103	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	1336	F1	mg/Kg		131	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	144	S1+	70 - 130							
o-Terphenyl	111		70 - 130							

Lab Sample ID: 880-30289-9 MSD

Matrix: Solid

Analysis Batch: 57143

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

Prep Type: Total/NA

Prep Batch: 56963

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1005		mg/Kg		98	70 - 130	5	20	
Diesel Range Organics (Over C10-C28)	<49.9	U F1	1000	1270		mg/Kg		124	70 - 130	5	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	139	S1+	70 - 130									
o-Terphenyl	107		70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-56977/1-A

Matrix: Solid

Analysis Batch: 57040

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			07/05/23 22:35	1	

Lab Sample ID: LCS 880-56977/2-A

Matrix: Solid

Analysis Batch: 57040

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS						%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Chloride	250	235.5		mg/Kg		94	90 - 110			

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-56977/3-A

Matrix: Solid

Analysis Batch: 57040

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	236.0		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 890-4885-A-11-D MS

Matrix: Solid

Analysis Batch: 57040

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	32.0		251	281.4		mg/Kg		99	90 - 110		

Lab Sample ID: 890-4885-A-11-E MSD

Matrix: Solid

Analysis Batch: 57040

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	32.0		251	281.7		mg/Kg		99	90 - 110	0	20

Lab Sample ID: MB 880-57020/1-A

Matrix: Solid

Analysis Batch: 57070

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/06/23 20:21	1

Lab Sample ID: LCS 880-57020/2-A

Matrix: Solid

Analysis Batch: 57070

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	247.8		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-57020/3-A

Matrix: Solid

Analysis Batch: 57070

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	248.7		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-30284-A-1-D MS

Matrix: Solid

Analysis Batch: 57070

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	185	F1	248	387.4	F1	mg/Kg		82	90 - 110		

Lab Sample ID: 880-30284-A-1-E MSD

Matrix: Solid

Analysis Batch: 57070

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	185	F1	248	386.5	F1	mg/Kg		81	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

GC VOA

Analysis Batch: 56823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30289-1	H-1 (0-0.5')	Total/NA	Solid	8021B	56908
880-30289-2	H-2 (0-0.5')	Total/NA	Solid	8021B	56908
880-30289-3	H-3 (0-0.5')	Total/NA	Solid	8021B	56908
880-30289-4	H-4 (0-0.5')	Total/NA	Solid	8021B	56908
880-30289-5	H-5 (0-0.5')	Total/NA	Solid	8021B	56908
880-30289-6	H-6 (0-0.5')	Total/NA	Solid	8021B	56908
880-30289-7	H-7 (0-0.5')	Total/NA	Solid	8021B	56908
880-30289-8	H-8 (0-0.5')	Total/NA	Solid	8021B	56908
880-30289-9	H-9 (0-0.5')	Total/NA	Solid	8021B	56908
880-30289-10	H-10 (0-0.5')	Total/NA	Solid	8021B	56908
880-30289-11	H-11 (0-0.5')	Total/NA	Solid	8021B	56908
880-30289-12	H-12 (0-0.5')	Total/NA	Solid	8021B	56908
MB 880-56854/5-A	Method Blank	Total/NA	Solid	8021B	56854
MB 880-56908/5-A	Method Blank	Total/NA	Solid	8021B	56908
LCS 880-56908/1-A	Lab Control Sample	Total/NA	Solid	8021B	56908
LCSD 880-56908/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	56908
880-30287-A-21-A MS	Matrix Spike	Total/NA	Solid	8021B	56908
880-30287-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	56908

Prep Batch: 56854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-56854/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 56908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30289-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-30289-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-30289-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-30289-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-30289-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-30289-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-30289-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-30289-8	H-8 (0-0.5')	Total/NA	Solid	5035	
880-30289-9	H-9 (0-0.5')	Total/NA	Solid	5035	
880-30289-10	H-10 (0-0.5')	Total/NA	Solid	5035	
880-30289-11	H-11 (0-0.5')	Total/NA	Solid	5035	
880-30289-12	H-12 (0-0.5')	Total/NA	Solid	5035	
MB 880-56908/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-56908/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-56908/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-30287-A-21-A MS	Matrix Spike	Total/NA	Solid	5035	
880-30287-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 56995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30289-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30289-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30289-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30289-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30289-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30289-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 56995 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30289-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30289-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30289-9	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30289-10	H-10 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30289-11	H-11 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30289-12	H-12 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 56949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30289-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30289-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30289-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30289-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30289-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30289-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30289-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30289-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-56949/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-56949/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-56949/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-30287-A-23-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-30287-A-23-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 56957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30289-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	56949
880-30289-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	56949
880-30289-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	56949
880-30289-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	56949
880-30289-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	56949
880-30289-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	56949
880-30289-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	56949
880-30289-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	56949
MB 880-56949/1-A	Method Blank	Total/NA	Solid	8015B NM	56949
LCS 880-56949/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	56949
LCSD 880-56949/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	56949
880-30287-A-23-C MS	Matrix Spike	Total/NA	Solid	8015B NM	56949
880-30287-A-23-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	56949

Prep Batch: 56963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30289-9	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30289-10	H-10 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30289-11	H-11 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30289-12	H-12 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-56963/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-56963/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-56963/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-30289-9 MS	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 56963 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30289-9 MSD	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 57069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30289-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-30289-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-30289-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-30289-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-30289-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-30289-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-30289-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-30289-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-30289-9	H-9 (0-0.5')	Total/NA	Solid	8015 NM	
880-30289-10	H-10 (0-0.5')	Total/NA	Solid	8015 NM	
880-30289-11	H-11 (0-0.5')	Total/NA	Solid	8015 NM	
880-30289-12	H-12 (0-0.5')	Total/NA	Solid	8015 NM	

Analysis Batch: 57143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30289-9	H-9 (0-0.5')	Total/NA	Solid	8015B NM	56963
880-30289-10	H-10 (0-0.5')	Total/NA	Solid	8015B NM	56963
880-30289-11	H-11 (0-0.5')	Total/NA	Solid	8015B NM	56963
880-30289-12	H-12 (0-0.5')	Total/NA	Solid	8015B NM	56963
MB 880-56963/1-A	Method Blank	Total/NA	Solid	8015B NM	56963
LCS 880-56963/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	56963
LCSD 880-56963/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	56963
880-30289-9 MS	H-9 (0-0.5')	Total/NA	Solid	8015B NM	56963
880-30289-9 MSD	H-9 (0-0.5')	Total/NA	Solid	8015B NM	56963

HPLC/IC

Leach Batch: 56977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30289-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-30289-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-30289-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-30289-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-30289-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-30289-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-30289-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-56977/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-56977/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-56977/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-4885-A-11-D MS	Matrix Spike	Soluble	Solid	DI Leach	
890-4885-A-11-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 57020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30289-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-30289-9	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-30289-10	H-10 (0-0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 57020 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30289-11	H-11 (0-0.5')	Soluble	Solid	DI Leach	
880-30289-12	H-12 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-57020/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-57020/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-57020/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-30284-A-1-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-30284-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 57040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30289-1	H-1 (0-0.5')	Soluble	Solid	300.0	56977
880-30289-2	H-2 (0-0.5')	Soluble	Solid	300.0	56977
880-30289-3	H-3 (0-0.5')	Soluble	Solid	300.0	56977
880-30289-4	H-4 (0-0.5')	Soluble	Solid	300.0	56977
880-30289-5	H-5 (0-0.5')	Soluble	Solid	300.0	56977
880-30289-6	H-6 (0-0.5')	Soluble	Solid	300.0	56977
880-30289-7	H-7 (0-0.5')	Soluble	Solid	300.0	56977
MB 880-56977/1-A	Method Blank	Soluble	Solid	300.0	56977
LCS 880-56977/2-A	Lab Control Sample	Soluble	Solid	300.0	56977
LCSD 880-56977/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	56977
890-4885-A-11-D MS	Matrix Spike	Soluble	Solid	300.0	56977
890-4885-A-11-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	56977

Analysis Batch: 57070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30289-8	H-8 (0-0.5')	Soluble	Solid	300.0	57020
880-30289-9	H-9 (0-0.5')	Soluble	Solid	300.0	57020
880-30289-10	H-10 (0-0.5')	Soluble	Solid	300.0	57020
880-30289-11	H-11 (0-0.5')	Soluble	Solid	300.0	57020
880-30289-12	H-12 (0-0.5')	Soluble	Solid	300.0	57020
MB 880-57020/1-A	Method Blank	Soluble	Solid	300.0	57020
LCS 880-57020/2-A	Lab Control Sample	Soluble	Solid	300.0	57020
LCSD 880-57020/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	57020
880-30284-A-1-D MS	Matrix Spike	Soluble	Solid	300.0	57020
880-30284-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	57020

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

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

Lab Sample ID: 880-30289-1

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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	56908	07/03/23 12:53	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56823	07/04/23 02:17	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56995	07/05/23 12:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			57069	07/06/23 10:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	56949	07/05/23 08:47	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56957	07/05/23 19:58	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	56977	07/05/23 11:54	KS	EET MID
Soluble	Analysis	300.0		1			57040	07/06/23 00:39	CH	EET MID

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

Lab Sample ID: 880-30289-2

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

Prep 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	56908	07/03/23 12:53	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56823	07/04/23 02:38	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56995	07/05/23 12:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			57069	07/06/23 10:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	56949	07/05/23 08:47	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56957	07/05/23 20:23	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	56977	07/05/23 11:54	KS	EET MID
Soluble	Analysis	300.0		1			57040	07/06/23 00:44	CH	EET MID

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

Lab Sample ID: 880-30289-3

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

Prep 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	56908	07/03/23 12:53	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56823	07/04/23 02:59	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56995	07/05/23 12:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			57069	07/06/23 10:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	56949	07/05/23 08:47	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56957	07/05/23 20:47	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	56977	07/05/23 11:54	KS	EET MID
Soluble	Analysis	300.0		1			57040	07/06/23 00:49	CH	EET MID

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

Lab Sample ID: 880-30289-4

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

Prep 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	56908	07/03/23 12:53	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56823	07/04/23 03:20	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56995	07/05/23 12:23	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

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

Lab Sample ID: 880-30289-4

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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			57069	07/06/23 10:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	56949	07/05/23 08:47	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56957	07/05/23 21:11	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	56977	07/05/23 11:54	KS	EET MID
Soluble	Analysis	300.0		1			57040	07/06/23 00:54	CH	EET MID

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

Lab Sample ID: 880-30289-5

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

Prep 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	56908	07/03/23 12:53	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56823	07/04/23 04:45	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56995	07/05/23 12:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			57069	07/06/23 10:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	56949	07/05/23 08:47	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56957	07/05/23 21:35	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	56977	07/05/23 11:54	KS	EET MID
Soluble	Analysis	300.0		1			57040	07/06/23 01:00	CH	EET MID

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

Lab Sample ID: 880-30289-6

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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	56908	07/03/23 12:53	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56823	07/04/23 05:06	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56995	07/05/23 12:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			57069	07/06/23 10:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	56949	07/05/23 08:47	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56957	07/06/23 06:40	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	56977	07/05/23 11:54	KS	EET MID
Soluble	Analysis	300.0		1			57040	07/06/23 01:05	CH	EET MID

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

Lab Sample ID: 880-30289-7

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

Prep 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	56908	07/03/23 12:53	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56823	07/04/23 05:27	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56995	07/05/23 12:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			57069	07/06/23 10:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	56949	07/05/23 08:47	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56957	07/06/23 07:02	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

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

Lab Sample ID: 880-30289-7

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	56977	07/05/23 11:54	KS	EET MID
Soluble	Analysis	300.0		1			57040	07/06/23 01:10	CH	EET MID

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

Lab Sample ID: 880-30289-8

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

Prep 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	56908	07/03/23 12:53	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56823	07/04/23 05:47	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56995	07/05/23 12:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			57069	07/06/23 10:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	56949	07/05/23 08:47	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56957	07/06/23 07:24	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	57020	07/05/23 15:30	KS	EET MID
Soluble	Analysis	300.0		1			57070	07/06/23 22:44	CH	EET MID

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

Lab Sample ID: 880-30289-9

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

Prep 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	56908	07/03/23 12:53	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56823	07/04/23 06:08	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56995	07/05/23 12:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			57069	07/07/23 16:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	56963	07/05/23 10:35	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	57143	07/07/23 13:45	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	57020	07/05/23 15:30	KS	EET MID
Soluble	Analysis	300.0		1			57070	07/06/23 22:50	CH	EET MID

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

Lab Sample ID: 880-30289-10

Date Collected: 06/28/23 00:00

Matrix: Solid

Date Received: 07/03/23 09:04

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	56908	07/03/23 12:53	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56823	07/04/23 06:29	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56995	07/05/23 12:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			57069	07/07/23 16:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	56963	07/05/23 10:35	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	57143	07/07/23 15:17	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	57020	07/05/23 15:30	KS	EET MID
Soluble	Analysis	300.0		1			57070	07/06/23 22:55	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

Client Sample ID: H-11 (0-0.5')
Date Collected: 06/28/23 00:00
Date Received: 07/03/23 09:04

Lab Sample ID: 880-30289-11
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			4.98 g	5 mL	56908	07/03/23 12:53	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56823	07/04/23 06:50	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56995	07/05/23 12:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			57069	07/07/23 16:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	56963	07/05/23 10:35	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	57143	07/07/23 15:39	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	57020	07/05/23 15:30	KS	EET MID
Soluble	Analysis	300.0		1			57070	07/06/23 23:01	CH	EET MID

Client Sample ID: H-12 (0-0.5')
Date Collected: 06/28/23 00:00
Date Received: 07/03/23 09:04

Lab Sample ID: 880-30289-12
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			5.05 g	5 mL	56908	07/03/23 12:53	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56823	07/04/23 07:11	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56995	07/05/23 12:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			57069	07/07/23 16:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	56963	07/05/23 10:35	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	57143	07/07/23 14:55	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	57020	07/05/23 15:30	KS	EET MID
Soluble	Analysis	300.0		1			57070	07/06/23 23:06	CH	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: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea 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	T104704400-23-26	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
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Method Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea 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

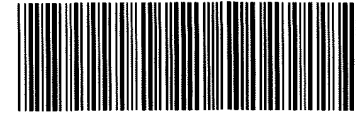
Sample Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-30289-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-30289-1	H-1 (0-0.5')	Solid	06/28/23 00:00	07/03/23 09:04
880-30289-2	H-2 (0-0.5')	Solid	06/28/23 00:00	07/03/23 09:04
880-30289-3	H-3 (0-0.5')	Solid	06/28/23 00:00	07/03/23 09:04
880-30289-4	H-4 (0-0.5')	Solid	06/28/23 00:00	07/03/23 09:04
880-30289-5	H-5 (0-0.5')	Solid	06/28/23 00:00	07/03/23 09:04
880-30289-6	H-6 (0-0.5')	Solid	06/28/23 00:00	07/03/23 09:04
880-30289-7	H-7 (0-0.5')	Solid	06/28/23 00:00	07/03/23 09:04
880-30289-8	H-8 (0-0.5')	Solid	06/28/23 00:00	07/03/23 09:04
880-30289-9	H-9 (0-0.5')	Solid	06/28/23 00:00	07/03/23 09:04
880-30289-10	H-10 (0-0.5')	Solid	06/28/23 00:00	07/03/23 09:04
880-30289-11	H-11 (0-0.5')	Solid	06/28/23 00:00	07/03/23 09:04
880-30289-12	H-12 (0-0.5')	Solid	06/28/23 00:00	07/03/23 09:04

Chain of Custody



880-30289 Chain of Custody

7/7/2023

Page 1 of 2

Project Manager:	Conner Moehring	Bill to. (if different)	Grant Huckabay/Addison Guelker
Company Name	Carmona Resources	Company Name	Fasken Oil and Ranch
Address:	310 W Wall St Ste 500	Address	6101 Holiday Hill Road
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 79707
Phone	432-813-6823	Email	Granth@forl.com/addisong@forl.com & addisong@forl.com

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

Project Name.	Wingerd 5 Flowline (06 08 23)		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes		
Project Number	2058		☒ Routine ☐ Rush			Parameters	BTEx 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0																None NO DI Water H ₂ O	
Project Location	Lea County, New Mexico		Due Date	Standard TAT																			Cool Cool MeOH Me	
Sampler's Name:	CRM/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	189																		NaHSO ₄ NABIS			
Cooler Custody Seals.	Yes No ☒ N/A	Correction Factor	0.3																		Na ₂ S ₂ O ₃ NaSO ₃			
Sample Custody Seals.	Yes No ☒ N/A	Temperature Reading	1.3																		Zn Acetate+NaOH Zn			
Total Containers.		Corrected Temperature	1.0																		NaOH+Ascorbic Acid SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments	
H-1 (0-0 5')	6/28/2023		X		G	1	X	X	X															
H-2 (0-0 5')	6/28/2023		X		G	1	X	X	X															
H-3 (0-0 5')	6/28/2023		X		G	1	X	X	X															
H-4 (0-0 5')	6/28/2023		X		G	1	X	X	X															
H-5 (0-0 5')	6/28/2023		X		G	1	X	X	X															
H-6 (0-0 5')	6/28/2023		X		G	1	X	X	X															
H-7 (0-0 5')	6/28/2023		X		G	1	X	X	X															
H-8 (0-0 5')	6/28/2023		X		G	1	X	X	X															
H-9 (0-0 5')	6/28/2023		X		G	1	X	X	X															
H-10 (0-0 5')	6/28/2023		X		G	1	X	X	X															

Comments Email results to Mike Carmona mcarmona@carmonaresources.com & Conner Moehring cmoehring@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	7/3/23		7/3/23
			904

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Released to Imaging: 12/29/2023 2:08:18 PM

Chain of Custody

Work Order No: 30389

7/7/2023

Page 2 of 2

Project Manager	Conner Moehring	Bill to (if different)	Grant Huckabay/Addison Guelker
Company Name	Carmona Resources	Company Name	Fasken Oil and Ranch
Address	310 W Wall St Ste 500	Address	6101 Holiday Hill Road
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 79707
Phone	432-813-6823	Email	Granth@forl.com/addisong@forl.com & addisong@forl.com

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

[illegible]

Comments Email results to Mike Carmona mcarmona@carmonaresources.com & Conner Moehring cmoehring@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	7/3/23		7/3/23
			904

Page 35 of 36

Released to Imaging: 12/29/2023 2:08:18 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-30289-1

SDG Number: Lea County NM

Login Number: 30289

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 8/28/2023 10:07:38 PM

JOB DESCRIPTION

Wingerd 5 Flowline (06.08.23)
SDG NUMBER Lea County, New Mexico

JOB NUMBER

880-32572-1

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
8/28/2023 10:07:38 PM

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

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Laboratory Job ID: 880-32572-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Eurofins Midland

Definitions/Glossary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Case Narrative

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Job ID: 880-32572-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-32572-1

Receipt

The samples were received on 8/25/2023 3:22 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 1.5°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (2') (880-32572-1), CS-2 (2') (880-32572-2), CS-3 (2') (880-32572-3), CS-4 (2') (880-32572-4), CS-5 (2') (880-32572-5), CS-6 (2') (880-32572-6), CS-7 (1.5') (880-32572-7), CS-8 (1.5') (880-32572-8), CS-9 (1.5') (880-32572-9), CS-10 (1.5') (880-32572-10), CS-11 (1.5') (880-32572-11), CS-12 (1.5') (880-32572-12), CS-13 (1.5') (880-32572-13), CS-14 (4') (880-32572-14), CS-15 (4') (880-32572-15), CS-16 (4') (880-32572-16), CS-17 (4') (880-32572-17), CS-18 (4') (880-32572-18), CS-19 (4') (880-32572-19), CS-20 (4') (880-32572-20), CS-21 (4') (880-32572-21), CS-22 (3.5') (880-32572-22), CS-23 (3.5') (880-32572-23), CS-24 (3.5') (880-32572-24), CS-25 (3.5') (880-32572-25), CS-26 (3.5') (880-32572-26), CS-27 (3.5') (880-32572-27), CS-28 (3.5') (880-32572-28), CS-29 (3.5') (880-32572-29), CS-30 (3.5') (880-32572-30), CS-31 (3.5') (880-32572-31), CS-32 (3.5') (880-32572-32), CS-33 (3.5') (880-32572-33), CS-34 (3.5') (880-32572-34), CS-35 (3.5') (880-32572-35), CS-36 (3.5') (880-32572-36), CS-37 (3.5') (880-32572-37), CS-38 (3.5') (880-32572-38), CS-39 (3.5') (880-32572-39), CS-40 (3.5') (880-32572-40), CS-41 (3.5') (880-32572-41), CS-42 (3.5') (880-32572-42), CS-43 (3.5') (880-32572-43), CS-44 (3.5') (880-32572-44), CS-45 (3.5') (880-32572-45), CS-46 (1') (880-32572-46), CS-47 (1') (880-32572-47), CS-48 (1') (880-32572-48), CS-49 (1') (880-32572-49), CS-50 (1') (880-32572-50), CS-51 (1') (880-32572-51), CS-52 (0.5') (880-32572-52), CS-53 (0.5') (880-32572-53), CS-54 (0.5') (880-32572-54), CS-55 (0.5') (880-32572-55), CS-56 (0.5') (880-32572-56), CS-57 (0.5') (880-32572-57), SW-1 (2') (880-32572-58), SW-2 (2') (880-32572-59), SW-3 (2') (880-32572-60), SW-4 (1.5') (880-32572-61), SW-5 (1.5') (880-32572-62), SW-6 (1.5') (880-32572-63), SW-7 (2') (880-32572-64), SW-8 (3.5') (880-32572-65), SW-9 (3.5') (880-32572-66), SW-10 (3.5') (880-32572-67), SW-11 (3.5') (880-32572-68), SW-12 (3.5') (880-32572-69), SW-13 (3.5') (880-32572-70), SW-14 (4') (880-32572-71), SW-15 (3.5') (880-32572-72), SW-16 (2') (880-32572-73), SW-17 (1') (880-32572-74), SW-18 (1') (880-32572-75), SW-19 (0.5') (880-32572-76) and SW-20 (0.5') (880-32572-77).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-61201 and analytical batch 880-61200 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: CS-42 (3.5') (880-32572-42), CS-43 (3.5') (880-32572-43) and CS-44 (3.5') (880-32572-44). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-46 (1') (880-32572-46), CS-48 (1') (880-32572-48) and CS-49 (1') (880-32572-49). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-51 (1') (880-32572-51), CS-55 (0.5') (880-32572-55) and CS-56 (0.5') (880-32572-56). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-2 (2') (880-32572-59) and SW-3 (2') (880-32572-60). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (CCV 880-61199/33), (LCS 880-61204/1-A) and (LCSD 880-61204/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (880-32572-A-61-E MS) and (880-32572-A-61-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Case Narrative

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Job ID: 880-32572-1 (Continued)**Laboratory: Eurofins Midland (Continued)**

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-6 (1.5') (880-32572-63), SW-7 (2') (880-32572-64) and SW-8 (3.5') (880-32572-65). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-12 (3.5') (880-32572-69), SW-15 (3.5') (880-32572-72), SW-16 (2') (880-32572-73), SW-17 (1') (880-32572-74) and SW-18 (1') (880-32572-75). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: An incorrect volume of spiking solution was inadvertently added to the laboratory control sample duplicate (LCSD) associated with preparation batch 880-61203 and analytical batch 880-61199. Percent recoveries are based on the amount spiked.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-61204 and analytical batch 880-61199 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-61199 recovered above the upper control limit for m-Xylene & p-Xylene and o-Xylene. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-61199/33).

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-61192 and 880-61193 and analytical batch 880-61224 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-42 (3.5') (880-32572-42), CS-43 (3.5') (880-32572-43) and (880-32572-A-41-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-47 (1') (880-32572-47), CS-48 (1') (880-32572-48), CS-51 (1') (880-32572-51), CS-53 (0.5') (880-32572-53), CS-54 (0.5') (880-32572-54), CS-55 (0.5') (880-32572-55), CS-56 (0.5') (880-32572-56), CS-57 (0.5') (880-32572-57) and SW-1 (2') (880-32572-58). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-5 (1.5') (880-32572-62), SW-7 (2') (880-32572-64) and (880-32572-A-61-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-10 (3.5') (880-32572-67), SW-12 (3.5') (880-32572-69) and SW-13 (3.5') (880-32572-70). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-16 (2') (880-32572-73) and SW-18 (1') (880-32572-75). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-61192 and analytical batch 880-61224. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-61192 and analytical batch 880-61224 recovered outside control limits for the following analytes: Diesel Range Organics (Over

Case Narrative

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Job ID: 880-32572-1 (Continued)**Laboratory: Eurofins Midland (Continued)**

C10-C28).

Method 8015MOD_NM: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-61193 and analytical batch 880-61224. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-61190 and 880-61191 and analytical batch 880-61221 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-61221/20), (CCV 880-61221/31), (CCV 880-61221/47), (CCV 880-61221/5), (CCV 880-61221/58) and (LCS 880-61190/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-1 (2') (880-32572-1), CS-2 (2') (880-32572-2), CS-3 (2') (880-32572-3), CS-4 (2') (880-32572-4), CS-5 (2') (880-32572-5), CS-6 (2') (880-32572-6), CS-7 (1.5') (880-32572-7), CS-8 (1.5') (880-32572-8), CS-9 (1.5') (880-32572-9), CS-10 (1.5') (880-32572-10), (880-32572-A-1-C MS) and (880-32572-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-11 (1.5') (880-32572-11), CS-12 (1.5') (880-32572-12), CS-13 (1.5') (880-32572-13), CS-14 (4') (880-32572-14), CS-15 (4') (880-32572-15), CS-16 (4') (880-32572-16), CS-17 (4') (880-32572-17), CS-18 (4') (880-32572-18), CS-19 (4') (880-32572-19) and CS-20 (4') (880-32572-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-21 (4') (880-32572-21), CS-22 (3.5') (880-32572-22), CS-23 (3.5') (880-32572-23), CS-24 (3.5') (880-32572-24), CS-25 (3.5') (880-32572-25), CS-26 (3.5') (880-32572-26), CS-27 (3.5') (880-32572-27), CS-28 (3.5') (880-32572-28), CS-29 (3.5') (880-32572-29), CS-30 (3.5') (880-32572-30), (880-32572-A-21-C MS) and (880-32572-A-21-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-31 (3.5') (880-32572-31), CS-32 (3.5') (880-32572-32), CS-33 (3.5') (880-32572-33), CS-34 (3.5') (880-32572-34), CS-35 (3.5') (880-32572-35), CS-36 (3.5') (880-32572-36), CS-37 (3.5') (880-32572-37), CS-38 (3.5') (880-32572-38), CS-39 (3.5') (880-32572-39) and CS-40 (3.5') (880-32572-40). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-61221 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 880-61221/31) and (CCV 880-61221/58).

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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-61155 and analytical batch 880-61189 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-61156 and analytical batch 880-61198 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-61160 and analytical batch 880-61228 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Case Narrative

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Job ID: 880-32572-1 (Continued)

Laboratory: Eurofins Midland (Continued)

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (2')

Lab Sample ID: 880-32572-1

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 16:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:28	08/26/23 16:50	1
Ethylbenzene	<0.00198	U F1	0.00198		mg/Kg		08/26/23 14:28	08/26/23 16:50	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/26/23 14:28	08/26/23 16:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:28	08/26/23 16:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/26/23 14:28	08/26/23 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	08/26/23 14:28	08/26/23 16:50	1
1,4-Difluorobenzene (Surr)	110		70 - 130	08/26/23 14:28	08/26/23 16:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		08/26/23 10:44	08/27/23 11:31	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		08/26/23 10:44	08/27/23 11:31	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		08/26/23 10:44	08/27/23 11:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	146	S1+	70 - 130	08/26/23 10:44	08/27/23 11:31	1
o-Terphenyl	114		70 - 130	08/26/23 10:44	08/27/23 11:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	260		4.95		mg/Kg			08/26/23 15:24	1

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-32572-2

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 17:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:28	08/26/23 17:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:28	08/26/23 17:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/26/23 14:28	08/26/23 17:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:28	08/26/23 17:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/26/23 14:28	08/26/23 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	08/26/23 14:28	08/26/23 17:10	1
1,4-Difluorobenzene (Surr)	121		70 - 130	08/26/23 14:28	08/26/23 17:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-32572-2

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		08/26/23 10:44	08/27/23 12:38	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		08/26/23 10:44	08/27/23 12:38	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/26/23 10:44	08/27/23 12:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	153	S1+	70 - 130				08/26/23 10:44	08/27/23 12:38	1
o-Terphenyl	113		70 - 130				08/26/23 10:44	08/27/23 12:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		5.01		mg/Kg			08/26/23 15:35	1

Client Sample ID: CS-3 (2')

Lab Sample ID: 880-32572-3

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 17:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 17:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 17:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/26/23 14:28	08/26/23 17:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 17:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/26/23 14:28	08/26/23 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				08/26/23 14:28	08/26/23 17:31	1
1,4-Difluorobenzene (Surr)	119		70 - 130				08/26/23 14:28	08/26/23 17:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		08/26/23 10:44	08/27/23 13:00	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		08/26/23 10:44	08/27/23 13:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-3 (2')

Lab Sample ID: 880-32572-3

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		08/26/23 10:44	08/27/23 13:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	155	S1+	70 - 130				08/26/23 10:44	08/27/23 13:00	1
o-Terphenyl	134	S1+	70 - 130				08/26/23 10:44	08/27/23 13:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.6		5.05		mg/Kg			08/26/23 15:46	1

Client Sample ID: CS-4 (2')

Lab Sample ID: 880-32572-4

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 17:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 17:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 17:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/26/23 14:28	08/26/23 17:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 17:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/26/23 14:28	08/26/23 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				08/26/23 14:28	08/26/23 17:52	1
1,4-Difluorobenzene (Surr)	117		70 - 130				08/26/23 14:28	08/26/23 17:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/26/23 10:44	08/27/23 13:22	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/26/23 10:44	08/27/23 13:22	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/26/23 10:44	08/27/23 13:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	155	S1+	70 - 130				08/26/23 10:44	08/27/23 13:22	1
o-Terphenyl	131	S1+	70 - 130				08/26/23 10:44	08/27/23 13:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		4.98		mg/Kg			08/26/23 15:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-5 (2')

Lab Sample ID: 880-32572-5

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 18:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:28	08/26/23 18:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:28	08/26/23 18:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/26/23 14:28	08/26/23 18:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:28	08/26/23 18:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/26/23 14:28	08/26/23 18:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	08/26/23 14:28	08/26/23 18:13	1
1,4-Difluorobenzene (Surr)	115		70 - 130	08/26/23 14:28	08/26/23 18:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/26/23 10:44	08/27/23 13:44	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/26/23 10:44	08/27/23 13:44	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/26/23 10:44	08/27/23 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	168	S1+	70 - 130	08/26/23 10:44	08/27/23 13:44	1
o-Terphenyl	134	S1+	70 - 130	08/26/23 10:44	08/27/23 13:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	143		5.00		mg/Kg			08/26/23 16:09	1

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-32572-6

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 18:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:28	08/26/23 18:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:28	08/26/23 18:33	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/26/23 14:28	08/26/23 18:33	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:28	08/26/23 18:33	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/26/23 14:28	08/26/23 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	08/26/23 14:28	08/26/23 18:33	1
1,4-Difluorobenzene (Surr)	116		70 - 130	08/26/23 14:28	08/26/23 18:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-32572-6

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/26/23 10:44	08/27/23 14:06	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/26/23 10:44	08/27/23 14:06	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/26/23 10:44	08/27/23 14:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	157	S1+	70 - 130				08/26/23 10:44	08/27/23 14:06	1
o-Terphenyl	130		70 - 130				08/26/23 10:44	08/27/23 14:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		4.99		mg/Kg			08/26/23 16:20	1

Client Sample ID: CS-7 (1.5')

Lab Sample ID: 880-32572-7

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 18:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 18:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 18:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/26/23 14:28	08/26/23 18:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 18:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/26/23 14:28	08/26/23 18:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				08/26/23 14:28	08/26/23 18:54	1
1,4-Difluorobenzene (Surr)	116		70 - 130				08/26/23 14:28	08/26/23 18:54	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			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		08/26/23 10:44	08/27/23 14:28	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		08/26/23 10:44	08/27/23 14:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (1.5')

Lab Sample ID: 880-32572-7

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/26/23 10:44	08/27/23 14:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	163	S1+	70 - 130				08/26/23 10:44	08/27/23 14:28	1
o-Terphenyl	144	S1+	70 - 130				08/26/23 10:44	08/27/23 14:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		5.01		mg/Kg			08/26/23 16:31	1

Client Sample ID: CS-8 (1.5')

Lab Sample ID: 880-32572-8

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 19:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:28	08/26/23 19:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:28	08/26/23 19:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/26/23 14:28	08/26/23 19:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:28	08/26/23 19:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/26/23 14:28	08/26/23 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				08/26/23 14:28	08/26/23 19:15	1
1,4-Difluorobenzene (Surr)	116		70 - 130				08/26/23 14:28	08/26/23 19:15	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			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		08/26/23 10:44	08/27/23 14:51	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		08/26/23 10:44	08/27/23 14:51	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/26/23 10:44	08/27/23 14:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130				08/26/23 10:44	08/27/23 14:51	1
o-Terphenyl	123		70 - 130				08/26/23 10:44	08/27/23 14:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	144		5.03		mg/Kg			08/26/23 12:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-9 (1.5')

Lab Sample ID: 880-32572-9

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 19:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:28	08/26/23 19:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:28	08/26/23 19:35	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/26/23 14:28	08/26/23 19:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:28	08/26/23 19:35	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/26/23 14:28	08/26/23 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	08/26/23 14:28	08/26/23 19:35	1
1,4-Difluorobenzene (Surr)	119		70 - 130	08/26/23 14:28	08/26/23 19:35	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			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		08/26/23 10:44	08/27/23 15:14	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		08/26/23 10:44	08/27/23 15:14	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		08/26/23 10:44	08/27/23 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	148	S1+	70 - 130	08/26/23 10:44	08/27/23 15:14	1
o-Terphenyl	124		70 - 130	08/26/23 10:44	08/27/23 15:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		4.96		mg/Kg			08/26/23 12:57	1

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-32572-10

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 19:56	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:28	08/26/23 19:56	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:28	08/26/23 19:56	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/26/23 14:28	08/26/23 19:56	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:28	08/26/23 19:56	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/26/23 14:28	08/26/23 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	08/26/23 14:28	08/26/23 19:56	1
1,4-Difluorobenzene (Surr)	114		70 - 130	08/26/23 14:28	08/26/23 19:56	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-32572-10

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/26/23 10:44	08/27/23 15:37	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/26/23 10:44	08/27/23 15:37	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/26/23 10:44	08/27/23 15:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	159	S1+	70 - 130				08/26/23 10:44	08/27/23 15:37	1
o-Terphenyl	132	S1+	70 - 130				08/26/23 10:44	08/27/23 15:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	154		5.05		mg/Kg			08/26/23 13:04	1

Client Sample ID: CS-11 (1.5')

Lab Sample ID: 880-32572-11

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 21:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 21:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 21:19	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/26/23 14:28	08/26/23 21:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 21:19	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/26/23 14:28	08/26/23 21:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130				08/26/23 14:28	08/26/23 21:19	1
1,4-Difluorobenzene (Surr)	107		70 - 130				08/26/23 14:28	08/26/23 21:19	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			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	53.5		50.0		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	53.5		50.0		mg/Kg		08/26/23 10:44	08/27/23 16:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/23 10:44	08/27/23 16:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (1.5')

Lab Sample ID: 880-32572-11

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 10:44	08/27/23 16:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				08/26/23 10:44	08/27/23 16:22	1
o-Terphenyl	106		70 - 130				08/26/23 10:44	08/27/23 16:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		5.01		mg/Kg			08/26/23 13:11	1

Client Sample ID: CS-12 (1.5')

Lab Sample ID: 880-32572-12

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 21:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 21:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 21:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/26/23 14:28	08/26/23 21:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 21:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/26/23 14:28	08/26/23 21:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				08/26/23 14:28	08/26/23 21:40	1
1,4-Difluorobenzene (Surr)	119		70 - 130				08/26/23 14:28	08/26/23 21:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/26/23 10:44	08/27/23 16:45	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/26/23 10:44	08/27/23 16:45	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/26/23 10:44	08/27/23 16:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	158	S1+	70 - 130				08/26/23 10:44	08/27/23 16:45	1
o-Terphenyl	141	S1+	70 - 130				08/26/23 10:44	08/27/23 16:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	173		5.02		mg/Kg			08/26/23 13:17	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-13 (1.5')

Lab Sample ID: 880-32572-13

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 22:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:28	08/26/23 22:00	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:28	08/26/23 22:00	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/26/23 14:28	08/26/23 22:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:28	08/26/23 22:00	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/26/23 14:28	08/26/23 22:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	08/26/23 14:28	08/26/23 22:00	1
1,4-Difluorobenzene (Surr)	114		70 - 130	08/26/23 14:28	08/26/23 22:00	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			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		08/26/23 10:44	08/27/23 17:07	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		08/26/23 10:44	08/27/23 17:07	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/26/23 10:44	08/27/23 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	155	S1+	70 - 130	08/26/23 10:44	08/27/23 17:07	1
o-Terphenyl	133	S1+	70 - 130	08/26/23 10:44	08/27/23 17:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		4.97		mg/Kg			08/26/23 13:37	1

Client Sample ID: CS-14 (4')

Lab Sample ID: 880-32572-14

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 22:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:28	08/26/23 22:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:28	08/26/23 22:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/26/23 14:28	08/26/23 22:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:28	08/26/23 22:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/26/23 14:28	08/26/23 22:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	08/26/23 14:28	08/26/23 22:21	1
1,4-Difluorobenzene (Surr)	118		70 - 130	08/26/23 14:28	08/26/23 22:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (4')

Lab Sample ID: 880-32572-14

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		08/26/23 10:44	08/27/23 17:29	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		08/26/23 10:44	08/27/23 17:29	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		08/26/23 10:44	08/27/23 17:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130				08/26/23 10:44	08/27/23 17:29	1
o-Terphenyl	121		70 - 130				08/26/23 10:44	08/27/23 17:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		4.99		mg/Kg			08/26/23 13:44	1

Client Sample ID: CS-15 (4')

Lab Sample ID: 880-32572-15

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 22:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:28	08/26/23 22:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:28	08/26/23 22:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/26/23 14:28	08/26/23 22:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:28	08/26/23 22:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/26/23 14:28	08/26/23 22:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				08/26/23 14:28	08/26/23 22:42	1
1,4-Difluorobenzene (Surr)	118		70 - 130				08/26/23 14:28	08/26/23 22:42	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			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/26/23 10:44	08/27/23 17:52	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/26/23 10:44	08/27/23 17:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-15 (4')

Lab Sample ID: 880-32572-15

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 10:44	08/27/23 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	146	S1+	70 - 130				08/26/23 10:44	08/27/23 17:52	1
o-Terphenyl	125		70 - 130				08/26/23 10:44	08/27/23 17:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		5.02		mg/Kg			08/26/23 13:51	1

Client Sample ID: CS-16 (4')

Lab Sample ID: 880-32572-16

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 23:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 23:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 23:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/26/23 14:28	08/26/23 23:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 23:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/26/23 14:28	08/26/23 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				08/26/23 14:28	08/26/23 23:02	1
1,4-Difluorobenzene (Surr)	114		70 - 130				08/26/23 14:28	08/26/23 23:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		08/26/23 10:44	08/27/23 18:14	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		08/26/23 10:44	08/27/23 18:14	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		08/26/23 10:44	08/27/23 18:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	176	S1+	70 - 130				08/26/23 10:44	08/27/23 18:14	1
o-Terphenyl	150	S1+	70 - 130				08/26/23 10:44	08/27/23 18:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	133		4.98		mg/Kg			08/26/23 13:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17 (4')

Lab Sample ID: 880-32572-17

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 23:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:28	08/26/23 23:23	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:28	08/26/23 23:23	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/26/23 14:28	08/26/23 23:23	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:28	08/26/23 23:23	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/26/23 14:28	08/26/23 23:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	08/26/23 14:28	08/26/23 23:23	1
1,4-Difluorobenzene (Surr)	112		70 - 130	08/26/23 14:28	08/26/23 23:23	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			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/26/23 10:44	08/27/23 18:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/26/23 10:44	08/27/23 18:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/26/23 10:44	08/27/23 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	173	S1+	70 - 130	08/26/23 10:44	08/27/23 18:36	1
o-Terphenyl	137	S1+	70 - 130	08/26/23 10:44	08/27/23 18:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	458		5.05		mg/Kg			08/26/23 14:04	1

Client Sample ID: CS-18 (4')

Lab Sample ID: 880-32572-18

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/26/23 23:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:28	08/26/23 23:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:28	08/26/23 23:44	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/26/23 14:28	08/26/23 23:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:28	08/26/23 23:44	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/26/23 14:28	08/26/23 23:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	08/26/23 14:28	08/26/23 23:44	1
1,4-Difluorobenzene (Surr)	112		70 - 130	08/26/23 14:28	08/26/23 23:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-18 (4')

Lab Sample ID: 880-32572-18

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/26/23 10:44	08/27/23 18:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/23 10:44	08/27/23 18:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/23 10:44	08/27/23 18:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	159	S1+	70 - 130				08/26/23 10:44	08/27/23 18:58	1
o-Terphenyl	133	S1+	70 - 130				08/26/23 10:44	08/27/23 18:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	412	F1	5.04		mg/Kg			08/26/23 14:11	1

Client Sample ID: CS-19 (4')

Lab Sample ID: 880-32572-19

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/27/23 00:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/27/23 00:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/27/23 00:04	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/26/23 14:28	08/27/23 00:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/27/23 00:04	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/26/23 14:28	08/27/23 00:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				08/26/23 14:28	08/27/23 00:04	1
1,4-Difluorobenzene (Surr)	113		70 - 130				08/26/23 14:28	08/27/23 00:04	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			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/26/23 10:44	08/27/23 19:21	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/26/23 10:44	08/27/23 19:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-19 (4')

Lab Sample ID: 880-32572-19

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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)	<49.6	U	49.6		mg/Kg		08/26/23 10:44	08/27/23 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	159	S1+	70 - 130				08/26/23 10:44	08/27/23 19:21	1
o-Terphenyl	138	S1+	70 - 130				08/26/23 10:44	08/27/23 19:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127		4.98		mg/Kg			08/26/23 14:31	1

Client Sample ID: CS-20 (4')

Lab Sample ID: 880-32572-20

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:28	08/27/23 00:25	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:28	08/27/23 00:25	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:28	08/27/23 00:25	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/26/23 14:28	08/27/23 00:25	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:28	08/27/23 00:25	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/26/23 14:28	08/27/23 00:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				08/26/23 14:28	08/27/23 00:25	1
1,4-Difluorobenzene (Surr)	112		70 - 130				08/26/23 14:28	08/27/23 00:25	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			08/28/23 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		08/26/23 10:44	08/27/23 19:43	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		08/26/23 10:44	08/27/23 19:43	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/26/23 10:44	08/27/23 19:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130				08/26/23 10:44	08/27/23 19:43	1
o-Terphenyl	116		70 - 130				08/26/23 10:44	08/27/23 19:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	144		4.96		mg/Kg			08/26/23 14:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-21 (4')

Lab Sample ID: 880-32572-21

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 12:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:31	08/28/23 12:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:31	08/28/23 12:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/26/23 14:31	08/28/23 12:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:31	08/28/23 12:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/26/23 14:31	08/28/23 12:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	08/26/23 14:31	08/28/23 12:06	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/26/23 14:31	08/28/23 12:06	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			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		08/26/23 10:48	08/27/23 21:36	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/26/23 10:48	08/27/23 21:36	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/26/23 10:48	08/27/23 21:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	157	S1+	70 - 130	08/26/23 10:48	08/27/23 21:36	1
o-Terphenyl	128		70 - 130	08/26/23 10:48	08/27/23 21:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	321		4.95		mg/Kg			08/26/23 14:57	1

Client Sample ID: CS-22 (3.5')

Lab Sample ID: 880-32572-22

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 12:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:31	08/28/23 12:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:31	08/28/23 12:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/26/23 14:31	08/28/23 12:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:31	08/28/23 12:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/26/23 14:31	08/28/23 12:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	08/26/23 14:31	08/28/23 12:27	1
1,4-Difluorobenzene (Surr)	110		70 - 130	08/26/23 14:31	08/28/23 12:27	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-22 (3.5')

Lab Sample ID: 880-32572-22

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		08/26/23 10:48	08/27/23 22:41	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		08/26/23 10:48	08/27/23 22:41	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		08/26/23 10:48	08/27/23 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	165	S1+	70 - 130				08/26/23 10:48	08/27/23 22:41	1
o-Terphenyl	133	S1+	70 - 130				08/26/23 10:48	08/27/23 22:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.8		5.03		mg/Kg			08/26/23 15:04	1

Client Sample ID: CS-23 (3.5')

Lab Sample ID: 880-32572-23

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 12:48	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:31	08/28/23 12:48	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:31	08/28/23 12:48	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/26/23 14:31	08/28/23 12:48	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:31	08/28/23 12:48	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/26/23 14:31	08/28/23 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				08/26/23 14:31	08/28/23 12:48	1
1,4-Difluorobenzene (Surr)	109		70 - 130				08/26/23 14:31	08/28/23 12:48	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			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		08/26/23 10:48	08/27/23 23:02	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/26/23 10:48	08/27/23 23:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-23 (3.5')

Lab Sample ID: 880-32572-23

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 10:48	08/27/23 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130				08/26/23 10:48	08/27/23 23:02	1
o-Terphenyl	124		70 - 130				08/26/23 10:48	08/27/23 23:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	341		4.97		mg/Kg			08/26/23 15:11	1

Client Sample ID: CS-24 (3.5')

Lab Sample ID: 880-32572-24

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 13:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:31	08/28/23 13:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:31	08/28/23 13:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/26/23 14:31	08/28/23 13:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:31	08/28/23 13:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/26/23 14:31	08/28/23 13:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				08/26/23 14:31	08/28/23 13:09	1
1,4-Difluorobenzene (Surr)	117		70 - 130				08/26/23 14:31	08/28/23 13:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		08/26/23 10:48	08/27/23 23:24	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		08/26/23 10:48	08/27/23 23:24	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/26/23 10:48	08/27/23 23:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	166	S1+	70 - 130				08/26/23 10:48	08/27/23 23:24	1
o-Terphenyl	128		70 - 130				08/26/23 10:48	08/27/23 23:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		5.05		mg/Kg			08/26/23 15:17	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-25 (3.5')

Lab Sample ID: 880-32572-25

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 13:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:31	08/28/23 13:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:31	08/28/23 13:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/26/23 14:31	08/28/23 13:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:31	08/28/23 13:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/26/23 14:31	08/28/23 13:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	08/26/23 14:31	08/28/23 13:29	1
1,4-Difluorobenzene (Surr)	113		70 - 130	08/26/23 14:31	08/28/23 13:29	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			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/26/23 10:48	08/27/23 23:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/26/23 10:48	08/27/23 23:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/26/23 10:48	08/27/23 23:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	175	S1+	70 - 130	08/26/23 10:48	08/27/23 23:45	1
o-Terphenyl	130		70 - 130	08/26/23 10:48	08/27/23 23:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127		4.99		mg/Kg			08/26/23 15:24	1

Client Sample ID: CS-26 (3.5')

Lab Sample ID: 880-32572-26

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 13:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:31	08/28/23 13:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:31	08/28/23 13:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/26/23 14:31	08/28/23 13:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:31	08/28/23 13:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/26/23 14:31	08/28/23 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	08/26/23 14:31	08/28/23 13:50	1
1,4-Difluorobenzene (Surr)	122		70 - 130	08/26/23 14:31	08/28/23 13:50	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-26 (3.5')

Lab Sample ID: 880-32572-26

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/26/23 10:48	08/28/23 00:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/26/23 10:48	08/28/23 00:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/26/23 10:48	08/28/23 00:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	163	S1+	70 - 130				08/26/23 10:48	08/28/23 00:06	1
o-Terphenyl	118		70 - 130				08/26/23 10:48	08/28/23 00:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		4.98		mg/Kg			08/26/23 15:31	1

Client Sample ID: CS-27 (3.5')

Lab Sample ID: 880-32572-27

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 14:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 14:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 14:11	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/26/23 14:31	08/28/23 14:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 14:11	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/26/23 14:31	08/28/23 14:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				08/26/23 14:31	08/28/23 14:11	1
1,4-Difluorobenzene (Surr)	117		70 - 130				08/26/23 14:31	08/28/23 14:11	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			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/26/23 10:48	08/28/23 00:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/23 10:48	08/28/23 00:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-27 (3.5')

Lab Sample ID: 880-32572-27

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 10:48	08/28/23 00:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	171	S1+	70 - 130				08/26/23 10:48	08/28/23 00:28	1
o-Terphenyl	126		70 - 130				08/26/23 10:48	08/28/23 00:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		5.01		mg/Kg			08/26/23 15:37	1

Client Sample ID: CS-28 (3.5')

Lab Sample ID: 880-32572-28

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 14:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:31	08/28/23 14:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:31	08/28/23 14:32	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/26/23 14:31	08/28/23 14:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:31	08/28/23 14:32	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/26/23 14:31	08/28/23 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				08/26/23 14:31	08/28/23 14:32	1
1,4-Difluorobenzene (Surr)	113		70 - 130				08/26/23 14:31	08/28/23 14:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/26/23 10:48	08/28/23 00:49	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/26/23 10:48	08/28/23 00:49	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/26/23 10:48	08/28/23 00:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	172	S1+	70 - 130				08/26/23 10:48	08/28/23 00:49	1
o-Terphenyl	147	S1+	70 - 130				08/26/23 10:48	08/28/23 00:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	133		5.02		mg/Kg			08/27/23 11:23	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-29 (3.5')

Lab Sample ID: 880-32572-29

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 14:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 14:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 14:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/26/23 14:31	08/28/23 14:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 14:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/26/23 14:31	08/28/23 14:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	08/26/23 14:31	08/28/23 14:53	1
1,4-Difluorobenzene (Surr)	118		70 - 130	08/26/23 14:31	08/28/23 14:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		08/26/23 10:48	08/28/23 01:10	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		08/26/23 10:48	08/28/23 01:10	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/26/23 10:48	08/28/23 01:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	178	S1+	70 - 130	08/26/23 10:48	08/28/23 01:10	1
o-Terphenyl	137	S1+	70 - 130	08/26/23 10:48	08/28/23 01:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155		5.00		mg/Kg			08/27/23 11:43	1

Client Sample ID: CS-30 (3.5')

Lab Sample ID: 880-32572-30

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 15:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:31	08/28/23 15:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:31	08/28/23 15:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/26/23 14:31	08/28/23 15:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:31	08/28/23 15:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/26/23 14:31	08/28/23 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	08/26/23 14:31	08/28/23 15:13	1
1,4-Difluorobenzene (Surr)	113		70 - 130	08/26/23 14:31	08/28/23 15:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-30 (3.5')

Lab Sample ID: 880-32572-30

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		08/26/23 10:48	08/28/23 01:31	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		08/26/23 10:48	08/28/23 01:31	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		08/26/23 10:48	08/28/23 01:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	155	S1+	70 - 130				08/26/23 10:48	08/28/23 01:31	1
o-Terphenyl	126		70 - 130				08/26/23 10:48	08/28/23 01:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	331		4.99		mg/Kg			08/27/23 11:50	1

Client Sample ID: CS-31 (3.5')

Lab Sample ID: 880-32572-31

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 17:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:31	08/28/23 17:00	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:31	08/28/23 17:00	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/26/23 14:31	08/28/23 17:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:31	08/28/23 17:00	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/26/23 14:31	08/28/23 17:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				08/26/23 14:31	08/28/23 17:00	1
1,4-Difluorobenzene (Surr)	107		70 - 130				08/26/23 14:31	08/28/23 17:00	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			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/26/23 10:48	08/28/23 02:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/23 10:48	08/28/23 02:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-31 (3.5')

Lab Sample ID: 880-32572-31

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 10:48	08/28/23 02:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	156	S1+	70 - 130				08/26/23 10:48	08/28/23 02:15	1
o-Terphenyl	129		70 - 130				08/26/23 10:48	08/28/23 02:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	224		5.05		mg/Kg			08/27/23 11:56	1

Client Sample ID: CS-32 (3.5')

Lab Sample ID: 880-32572-32

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 17:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 17:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 17:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/26/23 14:31	08/28/23 17:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 17:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/26/23 14:31	08/28/23 17:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				08/26/23 14:31	08/28/23 17:21	1
1,4-Difluorobenzene (Surr)	115		70 - 130				08/26/23 14:31	08/28/23 17:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/26/23 10:48	08/28/23 02:36	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/26/23 10:48	08/28/23 02:36	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/26/23 10:48	08/28/23 02:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	180	S1+	70 - 130				08/26/23 10:48	08/28/23 02:36	1
o-Terphenyl	130		70 - 130				08/26/23 10:48	08/28/23 02:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	486		5.03		mg/Kg			08/27/23 12:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-33 (3.5')

Lab Sample ID: 880-32572-33

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 17:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:31	08/28/23 17:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:31	08/28/23 17:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/26/23 14:31	08/28/23 17:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:31	08/28/23 17:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/26/23 14:31	08/28/23 17:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	08/26/23 14:31	08/28/23 17:42	1
1,4-Difluorobenzene (Surr)	116		70 - 130	08/26/23 14:31	08/28/23 17:42	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			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		08/26/23 10:48	08/28/23 02:57	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/26/23 10:48	08/28/23 02:57	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/26/23 10:48	08/28/23 02:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	164	S1+	70 - 130	08/26/23 10:48	08/28/23 02:57	1
o-Terphenyl	130		70 - 130	08/26/23 10:48	08/28/23 02:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	144		5.02		mg/Kg			08/27/23 12:23	1

Client Sample ID: CS-34 (3.5')

Lab Sample ID: 880-32572-34

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 18:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:31	08/28/23 18:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:31	08/28/23 18:02	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/26/23 14:31	08/28/23 18:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:31	08/28/23 18:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/26/23 14:31	08/28/23 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	08/26/23 14:31	08/28/23 18:02	1
1,4-Difluorobenzene (Surr)	114		70 - 130	08/26/23 14:31	08/28/23 18:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-34 (3.5')

Lab Sample ID: 880-32572-34

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		08/26/23 10:48	08/28/23 03:19	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		08/26/23 10:48	08/28/23 03:19	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/26/23 10:48	08/28/23 03:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	175	S1+	70 - 130				08/26/23 10:48	08/28/23 03:19	1
o-Terphenyl	144	S1+	70 - 130				08/26/23 10:48	08/28/23 03:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		5.04		mg/Kg			08/27/23 12:30	1

Client Sample ID: CS-35 (3.5')

Lab Sample ID: 880-32572-35

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 18:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:31	08/28/23 18:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:31	08/28/23 18:23	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/26/23 14:31	08/28/23 18:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:31	08/28/23 18:23	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/26/23 14:31	08/28/23 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				08/26/23 14:31	08/28/23 18:23	1
1,4-Difluorobenzene (Surr)	116		70 - 130				08/26/23 14:31	08/28/23 18:23	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			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/26/23 10:48	08/28/23 03:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/26/23 10:48	08/28/23 03:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-35 (3.5')

Lab Sample ID: 880-32572-35

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 10:48	08/28/23 03:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	177	S1+	70 - 130				08/26/23 10:48	08/28/23 03:40	1
o-Terphenyl	134	S1+	70 - 130				08/26/23 10:48	08/28/23 03:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		5.04		mg/Kg			08/27/23 12:36	1

Client Sample ID: CS-36 (3.5')

Lab Sample ID: 880-32572-36

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 18:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:31	08/28/23 18:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:31	08/28/23 18:44	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/26/23 14:31	08/28/23 18:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:31	08/28/23 18:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/26/23 14:31	08/28/23 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				08/26/23 14:31	08/28/23 18:44	1
1,4-Difluorobenzene (Surr)	119		70 - 130				08/26/23 14:31	08/28/23 18:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/26/23 10:48	08/28/23 04:02	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/26/23 10:48	08/28/23 04:02	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/26/23 10:48	08/28/23 04:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	165	S1+	70 - 130				08/26/23 10:48	08/28/23 04:02	1
o-Terphenyl	131	S1+	70 - 130				08/26/23 10:48	08/28/23 04:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	360		4.99		mg/Kg			08/27/23 12:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-37 (3.5')

Lab Sample ID: 880-32572-37

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 19:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 19:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 19:05	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/26/23 14:31	08/28/23 19:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 19:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/26/23 14:31	08/28/23 19:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				08/26/23 14:31	08/28/23 19:05	1
1,4-Difluorobenzene (Surr)	120		70 - 130				08/26/23 14:31	08/28/23 19:05	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			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/26/23 10:48	08/28/23 04:23	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/26/23 10:48	08/28/23 04:23	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/26/23 10:48	08/28/23 04:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	166	S1+	70 - 130				08/26/23 10:48	08/28/23 04:23	1
o-Terphenyl	132	S1+	70 - 130				08/26/23 10:48	08/28/23 04:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		4.98		mg/Kg			08/27/23 12:50	1

Client Sample ID: CS-38 (3.5')

Lab Sample ID: 880-32572-38

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 19:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 19:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 19:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/26/23 14:31	08/28/23 19:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 19:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/26/23 14:31	08/28/23 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				08/26/23 14:31	08/28/23 19:26	1
1,4-Difluorobenzene (Surr)	117		70 - 130				08/26/23 14:31	08/28/23 19:26	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-38 (3.5')

Lab Sample ID: 880-32572-38

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		08/26/23 10:48	08/28/23 04:44	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		08/26/23 10:48	08/28/23 04:44	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		08/26/23 10:48	08/28/23 04:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	169	S1+	70 - 130				08/26/23 10:48	08/28/23 04:44	1
o-Terphenyl	128		70 - 130				08/26/23 10:48	08/28/23 04:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.8		5.03		mg/Kg			08/27/23 12:56	1

Client Sample ID: CS-39 (3.5')

Lab Sample ID: 880-32572-39

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 19:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:31	08/28/23 19:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:31	08/28/23 19:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/26/23 14:31	08/28/23 19:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:31	08/28/23 19:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/26/23 14:31	08/28/23 19:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				08/26/23 14:31	08/28/23 19:46	1
1,4-Difluorobenzene (Surr)	111		70 - 130				08/26/23 14:31	08/28/23 19:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		08/26/23 10:48	08/28/23 05:06	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		08/26/23 10:48	08/28/23 05:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-39 (3.5')

Lab Sample ID: 880-32572-39

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		08/26/23 10:48	08/28/23 05:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130				08/26/23 10:48	08/28/23 05:06	1
o-Terphenyl	120		70 - 130				08/26/23 10:48	08/28/23 05:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	233		4.97		mg/Kg			08/27/23 13:16	1

Client Sample ID: CS-40 (3.5')

Lab Sample ID: 880-32572-40

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:31	08/28/23 20:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 20:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 20:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/26/23 14:31	08/28/23 20:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 20:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/26/23 14:31	08/28/23 20:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				08/26/23 14:31	08/28/23 20:07	1
1,4-Difluorobenzene (Surr)	116		70 - 130				08/26/23 14:31	08/28/23 20:07	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			08/28/23 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			08/28/23 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		08/26/23 10:48	08/28/23 05:27	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		08/26/23 10:48	08/28/23 05:27	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		08/26/23 10:48	08/28/23 05:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	148	S1+	70 - 130				08/26/23 10:48	08/28/23 05:27	1
o-Terphenyl	115		70 - 130				08/26/23 10:48	08/28/23 05:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	480		4.99		mg/Kg			08/27/23 13:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-41 (3.5')

Lab Sample ID: 880-32572-41

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U ** *1	0.00199		mg/Kg		08/26/23 14:34	08/26/23 16:52	1
Toluene	<0.00199	U ** *1	0.00199		mg/Kg		08/26/23 14:34	08/26/23 16:52	1
Ethylbenzene	<0.00199	U ** *1	0.00199		mg/Kg		08/26/23 14:34	08/26/23 16:52	1
m-Xylene & p-Xylene	<0.00398	U ** *1	0.00398		mg/Kg		08/26/23 14:34	08/26/23 16:52	1
o-Xylene	<0.00199	U ** *1	0.00199		mg/Kg		08/26/23 14:34	08/26/23 16:52	1
Xylenes, Total	<0.00398	U ** *1	0.00398		mg/Kg		08/26/23 14:34	08/26/23 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	08/26/23 14:34	08/26/23 16:52	1
1,4-Difluorobenzene (Surr)	85		70 - 130	08/26/23 14:34	08/26/23 16:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	76.6		50.4		mg/Kg			08/28/23 20:58	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	<50.4	U F1	50.4		mg/Kg		08/26/23 10:51	08/27/23 11:31	1
Diesel Range Organics (Over C10-C28)	76.6	*1 F1	50.4		mg/Kg		08/26/23 10:51	08/27/23 11:31	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/26/23 10:51	08/27/23 11:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130	08/26/23 10:51	08/27/23 11:31	1
o-Terphenyl	129		70 - 130	08/26/23 10:51	08/27/23 11:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		4.99		mg/Kg			08/28/23 11:41	1

Client Sample ID: CS-42 (3.5')

Lab Sample ID: 880-32572-42

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U ** *1	0.00198		mg/Kg		08/26/23 14:34	08/26/23 17:13	1
Toluene	<0.00198	U ** *1	0.00198		mg/Kg		08/26/23 14:34	08/26/23 17:13	1
Ethylbenzene	<0.00198	U ** *1	0.00198		mg/Kg		08/26/23 14:34	08/26/23 17:13	1
m-Xylene & p-Xylene	<0.00396	U ** *1	0.00396		mg/Kg		08/26/23 14:34	08/26/23 17:13	1
o-Xylene	<0.00198	U ** *1	0.00198		mg/Kg		08/26/23 14:34	08/26/23 17:13	1
Xylenes, Total	<0.00396	U ** *1	0.00396		mg/Kg		08/26/23 14:34	08/26/23 17:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	08/26/23 14:34	08/26/23 17:13	1
1,4-Difluorobenzene (Surr)	64	S1-	70 - 130	08/26/23 14:34	08/26/23 17:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-42 (3.5')

Lab Sample ID: 880-32572-42

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	72.0		49.8		mg/Kg			08/28/23 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/26/23 10:51	08/27/23 12:38	1
Diesel Range Organics (Over C10-C28)	72.0	*1	49.8		mg/Kg		08/26/23 10:51	08/27/23 12:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/26/23 10:51	08/27/23 12:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	146	S1+	70 - 130				08/26/23 10:51	08/27/23 12:38	1
o-Terphenyl	155	S1+	70 - 130				08/26/23 10:51	08/27/23 12:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		5.02		mg/Kg			08/28/23 12:03	1

Client Sample ID: CS-43 (3.5')

Lab Sample ID: 880-32572-43

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U ** *1	0.00201		mg/Kg		08/26/23 14:34	08/26/23 17:33	1
Toluene	<0.00201	U ** *1	0.00201		mg/Kg		08/26/23 14:34	08/26/23 17:33	1
Ethylbenzene	<0.00201	U ** *1	0.00201		mg/Kg		08/26/23 14:34	08/26/23 17:33	1
m-Xylene & p-Xylene	<0.00402	U ** *1	0.00402		mg/Kg		08/26/23 14:34	08/26/23 17:33	1
o-Xylene	<0.00201	U ** *1	0.00201		mg/Kg		08/26/23 14:34	08/26/23 17:33	1
Xylenes, Total	<0.00402	U ** *1	0.00402		mg/Kg		08/26/23 14:34	08/26/23 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				08/26/23 14:34	08/26/23 17:33	1
1,4-Difluorobenzene (Surr)	57	S1-	70 - 130				08/26/23 14:34	08/26/23 17:33	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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	63.2		50.2		mg/Kg			08/28/23 20:58	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	<50.2	U	50.2		mg/Kg		08/26/23 10:51	08/27/23 13:00	1
Diesel Range Organics (Over C10-C28)	63.2	*1	50.2		mg/Kg		08/26/23 10:51	08/27/23 13:00	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-43 (3.5')

Lab Sample ID: 880-32572-43

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		08/26/23 10:51	08/27/23 13:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				08/26/23 10:51	08/27/23 13:00	1
o-Terphenyl	134	S1+	70 - 130				08/26/23 10:51	08/27/23 13:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.9		5.04		mg/Kg			08/28/23 12:11	1

Client Sample ID: CS-44 (3.5')

Lab Sample ID: 880-32572-44

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *+ *1	0.00202		mg/Kg		08/26/23 14:34	08/26/23 17:54	1
Toluene	<0.00202	U *+ *1	0.00202		mg/Kg		08/26/23 14:34	08/26/23 17:54	1
Ethylbenzene	<0.00202	U *+ *1	0.00202		mg/Kg		08/26/23 14:34	08/26/23 17:54	1
m-Xylene & p-Xylene	<0.00403	U *+ *1	0.00403		mg/Kg		08/26/23 14:34	08/26/23 17:54	1
o-Xylene	<0.00202	U *+ *1	0.00202		mg/Kg		08/26/23 14:34	08/26/23 17:54	1
Xylenes, Total	<0.00403	U *+ *1	0.00403		mg/Kg		08/26/23 14:34	08/26/23 17:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				08/26/23 14:34	08/26/23 17:54	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/26/23 14:34	08/26/23 17:54	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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	54.6		50.5		mg/Kg			08/28/23 20:58	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	<50.5	U	50.5		mg/Kg		08/26/23 10:51	08/27/23 13:22	1
Diesel Range Organics (Over C10-C28)	54.6	*1	50.5		mg/Kg		08/26/23 10:51	08/27/23 13:22	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		08/26/23 10:51	08/27/23 13:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				08/26/23 10:51	08/27/23 13:22	1
o-Terphenyl	129		70 - 130				08/26/23 10:51	08/27/23 13:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		4.97		mg/Kg			08/28/23 12:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-45 (3.5')

Lab Sample ID: 880-32572-45

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U ** *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 18:14	1
Toluene	<0.00200	U ** *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 18:14	1
Ethylbenzene	<0.00200	U ** *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 18:14	1
m-Xylene & p-Xylene	<0.00399	U ** *1	0.00399		mg/Kg		08/26/23 14:34	08/26/23 18:14	1
o-Xylene	<0.00200	U ** *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 18:14	1
Xylenes, Total	<0.00399	U ** *1	0.00399		mg/Kg		08/26/23 14:34	08/26/23 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	08/26/23 14:34	08/26/23 18:14	1
1,4-Difluorobenzene (Surr)	81		70 - 130	08/26/23 14:34	08/26/23 18:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	55.0		50.5		mg/Kg			08/28/23 20:58	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	<50.5	U	50.5		mg/Kg		08/26/23 10:51	08/27/23 13:44	1
Diesel Range Organics (Over C10-C28)	55.0	*1	50.5		mg/Kg		08/26/23 10:51	08/27/23 13:44	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		08/26/23 10:51	08/27/23 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	08/26/23 10:51	08/27/23 13:44	1
o-Terphenyl	125		70 - 130	08/26/23 10:51	08/27/23 13:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		4.98		mg/Kg			08/28/23 12:25	1

Client Sample ID: CS-46 (1')

Lab Sample ID: 880-32572-46

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U ** *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 18:35	1
Toluene	<0.00200	U ** *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 18:35	1
Ethylbenzene	<0.00200	U ** *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 18:35	1
m-Xylene & p-Xylene	<0.00400	U ** *1	0.00400		mg/Kg		08/26/23 14:34	08/26/23 18:35	1
o-Xylene	<0.00200	U ** *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 18:35	1
Xylenes, Total	<0.00400	U ** *1	0.00400		mg/Kg		08/26/23 14:34	08/26/23 18:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	08/26/23 14:34	08/26/23 18:35	1
1,4-Difluorobenzene (Surr)	61	S1-	70 - 130	08/26/23 14:34	08/26/23 18:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-46 (1')

Lab Sample ID: 880-32572-46

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/28/23 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/26/23 10:51	08/27/23 14:06	1
Diesel Range Organics (Over C10-C28)	<49.6	U *1	49.6		mg/Kg		08/26/23 10:51	08/27/23 14:06	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/26/23 10:51	08/27/23 14:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				08/26/23 10:51	08/27/23 14:06	1
o-Terphenyl	124		70 - 130				08/26/23 10:51	08/27/23 14:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		5.01		mg/Kg			08/28/23 12:48	1

Client Sample ID: CS-47 (1')

Lab Sample ID: 880-32572-47

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *+ *1	0.00202		mg/Kg		08/26/23 14:34	08/26/23 18:55	1
Toluene	<0.00202	U *+ *1	0.00202		mg/Kg		08/26/23 14:34	08/26/23 18:55	1
Ethylbenzene	<0.00202	U *+ *1	0.00202		mg/Kg		08/26/23 14:34	08/26/23 18:55	1
m-Xylene & p-Xylene	<0.00403	U *+ *1	0.00403		mg/Kg		08/26/23 14:34	08/26/23 18:55	1
o-Xylene	<0.00202	U *+ *1	0.00202		mg/Kg		08/26/23 14:34	08/26/23 18:55	1
Xylenes, Total	<0.00403	U *+ *1	0.00403		mg/Kg		08/26/23 14:34	08/26/23 18:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				08/26/23 14:34	08/26/23 18:55	1
1,4-Difluorobenzene (Surr)	89		70 - 130				08/26/23 14:34	08/26/23 18:55	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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/28/23 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/26/23 10:51	08/27/23 14:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		08/26/23 10:51	08/27/23 14:28	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-47 (1')

Lab Sample ID: 880-32572-47

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 10:51	08/27/23 14:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				08/26/23 10:51	08/27/23 14:28	1
o-Terphenyl	136	S1+	70 - 130				08/26/23 10:51	08/27/23 14:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		5.04		mg/Kg			08/28/23 12:55	1

Client Sample ID: CS-48 (1')

Lab Sample ID: 880-32572-48

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *+ *1	0.00198		mg/Kg		08/26/23 14:34	08/26/23 19:16	1
Toluene	<0.00198	U *+ *1	0.00198		mg/Kg		08/26/23 14:34	08/26/23 19:16	1
Ethylbenzene	<0.00198	U *+ *1	0.00198		mg/Kg		08/26/23 14:34	08/26/23 19:16	1
m-Xylene & p-Xylene	<0.00397	U *+ *1	0.00397		mg/Kg		08/26/23 14:34	08/26/23 19:16	1
o-Xylene	<0.00198	U *+ *1	0.00198		mg/Kg		08/26/23 14:34	08/26/23 19:16	1
Xylenes, Total	<0.00397	U *+ *1	0.00397		mg/Kg		08/26/23 14:34	08/26/23 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				08/26/23 14:34	08/26/23 19:16	1
1,4-Difluorobenzene (Surr)	59	S1-	70 - 130				08/26/23 14:34	08/26/23 19:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	53.4		50.2		mg/Kg			08/28/23 20:58	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	<50.2	U	50.2		mg/Kg		08/26/23 10:51	08/27/23 14:51	1
Diesel Range Organics (Over C10-C28)	53.4	*1	50.2		mg/Kg		08/26/23 10:51	08/27/23 14:51	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		08/26/23 10:51	08/27/23 14:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				08/26/23 10:51	08/27/23 14:51	1
o-Terphenyl	134	S1+	70 - 130				08/26/23 10:51	08/27/23 14:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		4.95		mg/Kg			08/28/23 09:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-49 (1')

Lab Sample ID: 880-32572-49

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U ** *1	0.00199		mg/Kg		08/26/23 14:34	08/26/23 19:36	1
Toluene	<0.00199	U ** *1	0.00199		mg/Kg		08/26/23 14:34	08/26/23 19:36	1
Ethylbenzene	<0.00199	U ** *1	0.00199		mg/Kg		08/26/23 14:34	08/26/23 19:36	1
m-Xylene & p-Xylene	<0.00398	U ** *1	0.00398		mg/Kg		08/26/23 14:34	08/26/23 19:36	1
o-Xylene	<0.00199	U ** *1	0.00199		mg/Kg		08/26/23 14:34	08/26/23 19:36	1
Xylenes, Total	<0.00398	U ** *1	0.00398		mg/Kg		08/26/23 14:34	08/26/23 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	08/26/23 14:34	08/26/23 19:36	1
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130	08/26/23 14:34	08/26/23 19:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			08/28/23 20:58	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	<50.5	U	50.5		mg/Kg		08/26/23 10:51	08/27/23 15:14	1
Diesel Range Organics (Over C10-C28)	<50.5	U *1	50.5		mg/Kg		08/26/23 10:51	08/27/23 15:14	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		08/26/23 10:51	08/27/23 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	08/26/23 10:51	08/27/23 15:14	1
o-Terphenyl	111		70 - 130	08/26/23 10:51	08/27/23 15:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		4.99		mg/Kg			08/28/23 09:57	1

Client Sample ID: CS-50 (1')

Lab Sample ID: 880-32572-50

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U ** *1	0.00198		mg/Kg		08/26/23 14:34	08/26/23 19:57	1
Toluene	<0.00198	U ** *1	0.00198		mg/Kg		08/26/23 14:34	08/26/23 19:57	1
Ethylbenzene	<0.00198	U ** *1	0.00198		mg/Kg		08/26/23 14:34	08/26/23 19:57	1
m-Xylene & p-Xylene	<0.00396	U ** *1	0.00396		mg/Kg		08/26/23 14:34	08/26/23 19:57	1
o-Xylene	<0.00198	U ** *1	0.00198		mg/Kg		08/26/23 14:34	08/26/23 19:57	1
Xylenes, Total	<0.00396	U ** *1	0.00396		mg/Kg		08/26/23 14:34	08/26/23 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	08/26/23 14:34	08/26/23 19:57	1
1,4-Difluorobenzene (Surr)	79		70 - 130	08/26/23 14:34	08/26/23 19:57	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-50 (1')

Lab Sample ID: 880-32572-50

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			08/28/23 20:58	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	<50.3	U	50.3		mg/Kg		08/26/23 10:51	08/27/23 15:37	1
Diesel Range Organics (Over C10-C28)	<50.3	U *1	50.3		mg/Kg		08/26/23 10:51	08/27/23 15:37	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/26/23 10:51	08/27/23 15:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				08/26/23 10:51	08/27/23 15:37	1
o-Terphenyl	112		70 - 130				08/26/23 10:51	08/27/23 15:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		4.96		mg/Kg			08/28/23 10:04	1

Client Sample ID: CS-51 (1')

Lab Sample ID: 880-32572-51

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U ** *1	0.00202		mg/Kg		08/26/23 14:34	08/26/23 21:19	1
Toluene	<0.00202	U ** *1	0.00202		mg/Kg		08/26/23 14:34	08/26/23 21:19	1
Ethylbenzene	<0.00202	U ** *1	0.00202		mg/Kg		08/26/23 14:34	08/26/23 21:19	1
m-Xylene & p-Xylene	<0.00404	U ** *1	0.00404		mg/Kg		08/26/23 14:34	08/26/23 21:19	1
o-Xylene	<0.00202	U ** *1	0.00202		mg/Kg		08/26/23 14:34	08/26/23 21:19	1
Xylenes, Total	<0.00404	U ** *1	0.00404		mg/Kg		08/26/23 14:34	08/26/23 21:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				08/26/23 14:34	08/26/23 21:19	1
1,4-Difluorobenzene (Surr)	112		70 - 130				08/26/23 14:34	08/26/23 21:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	49.9		49.9		mg/Kg			08/28/23 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/26/23 10:51	08/27/23 16:22	1
Diesel Range Organics (Over C10-C28)	49.9	*1	49.9		mg/Kg		08/26/23 10:51	08/27/23 16:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-51 (1')

Lab Sample ID: 880-32572-51

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 10:51	08/27/23 16:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				08/26/23 10:51	08/27/23 16:22	1
o-Terphenyl	134	S1+	70 - 130				08/26/23 10:51	08/27/23 16:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		5.04		mg/Kg			08/28/23 10:12	1

Client Sample ID: CS-52 (0.5')

Lab Sample ID: 880-32572-52

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *+ *1	0.00201		mg/Kg		08/26/23 14:34	08/26/23 21:40	1
Toluene	<0.00201	U *+ *1	0.00201		mg/Kg		08/26/23 14:34	08/26/23 21:40	1
Ethylbenzene	<0.00201	U *+ *1	0.00201		mg/Kg		08/26/23 14:34	08/26/23 21:40	1
m-Xylene & p-Xylene	<0.00402	U *+ *1	0.00402		mg/Kg		08/26/23 14:34	08/26/23 21:40	1
o-Xylene	<0.00201	U *+ *1	0.00201		mg/Kg		08/26/23 14:34	08/26/23 21:40	1
Xylenes, Total	<0.00402	U *+ *1	0.00402		mg/Kg		08/26/23 14:34	08/26/23 21:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				08/26/23 14:34	08/26/23 21:40	1
1,4-Difluorobenzene (Surr)	76		70 - 130				08/26/23 14:34	08/26/23 21:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51.7		50.0		mg/Kg			08/28/23 20:58	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		08/26/23 10:51	08/27/23 16:45	1
Diesel Range Organics (Over C10-C28)	51.7	*1	50.0		mg/Kg		08/26/23 10:51	08/27/23 16:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/23 10:51	08/27/23 16:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				08/26/23 10:51	08/27/23 16:45	1
o-Terphenyl	125		70 - 130				08/26/23 10:51	08/27/23 16:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		5.00		mg/Kg			08/28/23 10:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-53 (0.5')

Lab Sample ID: 880-32572-53

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U ** *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 22:00	1
Toluene	<0.00200	U ** *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 22:00	1
Ethylbenzene	<0.00200	U ** *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 22:00	1
m-Xylene & p-Xylene	<0.00401	U ** *1	0.00401		mg/Kg		08/26/23 14:34	08/26/23 22:00	1
o-Xylene	<0.00200	U ** *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 22:00	1
Xylenes, Total	<0.00401	U ** *1	0.00401		mg/Kg		08/26/23 14:34	08/26/23 22:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	08/26/23 14:34	08/26/23 22:00	1
1,4-Difluorobenzene (Surr)	72		70 - 130	08/26/23 14:34	08/26/23 22:00	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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			08/28/23 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		08/26/23 10:51	08/27/23 17:07	1
Diesel Range Organics (Over C10-C28)	<49.5	U *1	49.5		mg/Kg		08/26/23 10:51	08/27/23 17:07	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		08/26/23 10:51	08/27/23 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130	08/26/23 10:51	08/27/23 17:07	1
o-Terphenyl	136	S1+	70 - 130	08/26/23 10:51	08/27/23 17:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		4.97		mg/Kg			08/28/23 10:40	1

Client Sample ID: CS-54 (0.5')

Lab Sample ID: 880-32572-54

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U ** *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 22:21	1
Toluene	<0.00200	U ** *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 22:21	1
Ethylbenzene	<0.00200	U ** *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 22:21	1
m-Xylene & p-Xylene	<0.00399	U ** *1	0.00399		mg/Kg		08/26/23 14:34	08/26/23 22:21	1
o-Xylene	<0.00200	U ** *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 22:21	1
Xylenes, Total	<0.00399	U ** *1	0.00399		mg/Kg		08/26/23 14:34	08/26/23 22:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/26/23 14:34	08/26/23 22:21	1
1,4-Difluorobenzene (Surr)	79		70 - 130	08/26/23 14:34	08/26/23 22:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-54 (0.5')

Lab Sample ID: 880-32572-54

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.6		50.3		mg/Kg			08/28/23 20:58	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	<50.3	U	50.3		mg/Kg		08/26/23 10:51	08/27/23 17:29	1
Diesel Range Organics (Over C10-C28)	50.6	*1	50.3		mg/Kg		08/26/23 10:51	08/27/23 17:29	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/26/23 10:51	08/27/23 17:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				08/26/23 10:51	08/27/23 17:29	1
o-Terphenyl	138	S1+	70 - 130				08/26/23 10:51	08/27/23 17:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		4.96		mg/Kg			08/28/23 10:47	1

Client Sample ID: CS-55 (0.5')

Lab Sample ID: 880-32572-55

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U ** *1	0.00199		mg/Kg		08/26/23 14:34	08/26/23 22:41	1
Toluene	<0.00199	U ** *1	0.00199		mg/Kg		08/26/23 14:34	08/26/23 22:41	1
Ethylbenzene	<0.00199	U ** *1	0.00199		mg/Kg		08/26/23 14:34	08/26/23 22:41	1
m-Xylene & p-Xylene	<0.00398	U ** *1	0.00398		mg/Kg		08/26/23 14:34	08/26/23 22:41	1
o-Xylene	<0.00199	U ** *1	0.00199		mg/Kg		08/26/23 14:34	08/26/23 22:41	1
Xylenes, Total	<0.00398	U ** *1	0.00398		mg/Kg		08/26/23 14:34	08/26/23 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				08/26/23 14:34	08/26/23 22:41	1
1,4-Difluorobenzene (Surr)	62	S1-	70 - 130				08/26/23 14:34	08/26/23 22:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			08/28/23 20:58	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	<50.4	U	50.4		mg/Kg		08/26/23 10:51	08/27/23 17:52	1
Diesel Range Organics (Over C10-C28)	<50.4	U *1	50.4		mg/Kg		08/26/23 10:51	08/27/23 17:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-55 (0.5')

Lab Sample ID: 880-32572-55

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/26/23 10:51	08/27/23 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				08/26/23 10:51	08/27/23 17:52	1
o-Terphenyl	132	S1+	70 - 130				08/26/23 10:51	08/27/23 17:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		4.97		mg/Kg			08/28/23 10:55	1

Client Sample ID: CS-56 (0.5')

Lab Sample ID: 880-32572-56

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+ *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 23:02	1
Toluene	<0.00200	U *+ *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 23:02	1
Ethylbenzene	<0.00200	U *+ *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 23:02	1
m-Xylene & p-Xylene	<0.00400	U *+ *1	0.00400		mg/Kg		08/26/23 14:34	08/26/23 23:02	1
o-Xylene	<0.00200	U *+ *1	0.00200		mg/Kg		08/26/23 14:34	08/26/23 23:02	1
Xylenes, Total	<0.00400	U *+ *1	0.00400		mg/Kg		08/26/23 14:34	08/26/23 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				08/26/23 14:34	08/26/23 23:02	1
1,4-Difluorobenzene (Surr)	60	S1-	70 - 130				08/26/23 14:34	08/26/23 23:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51.0		50.1		mg/Kg			08/28/23 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		08/26/23 10:51	08/27/23 18:14	1
Diesel Range Organics (Over C10-C28)	51.0	*1	50.1		mg/Kg		08/26/23 10:51	08/27/23 18:14	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/26/23 10:51	08/27/23 18:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				08/26/23 10:51	08/27/23 18:14	1
o-Terphenyl	138	S1+	70 - 130				08/26/23 10:51	08/27/23 18:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		5.03		mg/Kg			08/28/23 11:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-57 (0.5')

Lab Sample ID: 880-32572-57

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U ** *1	0.00198		mg/Kg		08/26/23 14:34	08/26/23 23:22	1
Toluene	<0.00198	U ** *1	0.00198		mg/Kg		08/26/23 14:34	08/26/23 23:22	1
Ethylbenzene	<0.00198	U ** *1	0.00198		mg/Kg		08/26/23 14:34	08/26/23 23:22	1
m-Xylene & p-Xylene	<0.00396	U ** *1	0.00396		mg/Kg		08/26/23 14:34	08/26/23 23:22	1
o-Xylene	<0.00198	U ** *1	0.00198		mg/Kg		08/26/23 14:34	08/26/23 23:22	1
Xylenes, Total	<0.00396	U ** *1	0.00396		mg/Kg		08/26/23 14:34	08/26/23 23:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	08/26/23 14:34	08/26/23 23:22	1
1,4-Difluorobenzene (Surr)	81		70 - 130	08/26/23 14:34	08/26/23 23:22	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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			08/28/23 20:58	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	<50.4	U	50.4		mg/Kg		08/26/23 10:51	08/27/23 18:36	1
Diesel Range Organics (Over C10-C28)	<50.4	U *1	50.4		mg/Kg		08/26/23 10:51	08/27/23 18:36	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/26/23 10:51	08/27/23 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130	08/26/23 10:51	08/27/23 18:36	1
o-Terphenyl	135	S1+	70 - 130	08/26/23 10:51	08/27/23 18:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		5.05		mg/Kg			08/28/23 11:09	1

Client Sample ID: SW-1 (2')

Lab Sample ID: 880-32572-58

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U ** *1	0.00201		mg/Kg		08/26/23 14:34	08/26/23 23:42	1
Toluene	<0.00201	U ** *1	0.00201		mg/Kg		08/26/23 14:34	08/26/23 23:42	1
Ethylbenzene	<0.00201	U ** *1	0.00201		mg/Kg		08/26/23 14:34	08/26/23 23:42	1
m-Xylene & p-Xylene	<0.00402	U ** *1	0.00402		mg/Kg		08/26/23 14:34	08/26/23 23:42	1
o-Xylene	<0.00201	U ** *1	0.00201		mg/Kg		08/26/23 14:34	08/26/23 23:42	1
Xylenes, Total	<0.00402	U ** *1	0.00402		mg/Kg		08/26/23 14:34	08/26/23 23:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	08/26/23 14:34	08/26/23 23:42	1
1,4-Difluorobenzene (Surr)	74		70 - 130	08/26/23 14:34	08/26/23 23:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-1 (2')

Lab Sample ID: 880-32572-58

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			08/28/23 20:58	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	<50.4	U	50.4		mg/Kg		08/26/23 10:51	08/27/23 18:58	1
Diesel Range Organics (Over C10-C28)	<50.4	U *1	50.4		mg/Kg		08/26/23 10:51	08/27/23 18:58	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/26/23 10:51	08/27/23 18:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				08/26/23 10:51	08/27/23 18:58	1
o-Terphenyl	139	S1+	70 - 130				08/26/23 10:51	08/27/23 18:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	169	F1	4.96		mg/Kg			08/28/23 11:16	1

Client Sample ID: SW-2 (2')

Lab Sample ID: 880-32572-59

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U ** *1	0.00202		mg/Kg		08/26/23 14:34	08/27/23 00:03	1
Toluene	<0.00202	U ** *1	0.00202		mg/Kg		08/26/23 14:34	08/27/23 00:03	1
Ethylbenzene	<0.00202	U ** *1	0.00202		mg/Kg		08/26/23 14:34	08/27/23 00:03	1
m-Xylene & p-Xylene	<0.00403	U ** *1	0.00403		mg/Kg		08/26/23 14:34	08/27/23 00:03	1
o-Xylene	<0.00202	U ** *1	0.00202		mg/Kg		08/26/23 14:34	08/27/23 00:03	1
Xylenes, Total	<0.00403	U ** *1	0.00403		mg/Kg		08/26/23 14:34	08/27/23 00:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				08/26/23 14:34	08/27/23 00:03	1
1,4-Difluorobenzene (Surr)	58	S1-	70 - 130				08/26/23 14:34	08/27/23 00:03	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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			08/28/23 20:58	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	<50.5	U	50.5		mg/Kg		08/26/23 10:51	08/27/23 19:21	1
Diesel Range Organics (Over C10-C28)	<50.5	U *1	50.5		mg/Kg		08/26/23 10:51	08/27/23 19:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-2 (2')

Lab Sample ID: 880-32572-59

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		08/26/23 10:51	08/27/23 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				08/26/23 10:51	08/27/23 19:21	1
o-Terphenyl	110		70 - 130				08/26/23 10:51	08/27/23 19:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		4.99		mg/Kg			08/28/23 11:37	1

Client Sample ID: SW-3 (2')

Lab Sample ID: 880-32572-60

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+ *1	0.00200		mg/Kg		08/26/23 14:34	08/27/23 00:23	1
Toluene	<0.00200	U *+ *1	0.00200		mg/Kg		08/26/23 14:34	08/27/23 00:23	1
Ethylbenzene	<0.00200	U *+ *1	0.00200		mg/Kg		08/26/23 14:34	08/27/23 00:23	1
m-Xylene & p-Xylene	<0.00401	U *+ *1	0.00401		mg/Kg		08/26/23 14:34	08/27/23 00:23	1
o-Xylene	<0.00200	U *+ *1	0.00200		mg/Kg		08/26/23 14:34	08/27/23 00:23	1
Xylenes, Total	<0.00401	U *+ *1	0.00401		mg/Kg		08/26/23 14:34	08/27/23 00:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				08/26/23 14:34	08/27/23 00:23	1
1,4-Difluorobenzene (Surr)	75		70 - 130				08/26/23 14:34	08/27/23 00:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			08/28/23 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		08/26/23 10:51	08/27/23 19:43	1
Diesel Range Organics (Over C10-C28)	<50.1	U *1	50.1		mg/Kg		08/26/23 10:51	08/27/23 19:43	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/26/23 10:51	08/27/23 19:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				08/26/23 10:51	08/27/23 19:43	1
o-Terphenyl	125		70 - 130				08/26/23 10:51	08/27/23 19:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		5.05		mg/Kg			08/28/23 11:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-4 (1.5')

Lab Sample ID: 880-32572-61

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F1	0.00198		mg/Kg		08/26/23 14:36	08/27/23 03:26	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:36	08/27/23 03:26	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:36	08/27/23 03:26	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/26/23 14:36	08/27/23 03:26	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:36	08/27/23 03:26	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/26/23 14:36	08/27/23 03:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	08/26/23 14:36	08/27/23 03:26	1
1,4-Difluorobenzene (Surr)	78		70 - 130	08/26/23 14:36	08/27/23 03:26	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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/28/23 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1 F2	49.8		mg/Kg		08/26/23 10:54	08/27/23 21:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U F1	49.8		mg/Kg		08/26/23 10:54	08/27/23 21:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/26/23 10:54	08/27/23 21:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	08/26/23 10:54	08/27/23 21:36	1
o-Terphenyl	125		70 - 130	08/26/23 10:54	08/27/23 21:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		4.98		mg/Kg			08/28/23 12:06	1

Client Sample ID: SW-5 (1.5')

Lab Sample ID: 880-32572-62

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:36	08/27/23 03:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:36	08/27/23 03:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:36	08/27/23 03:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/26/23 14:36	08/27/23 03:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:36	08/27/23 03:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/26/23 14:36	08/27/23 03:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	08/26/23 14:36	08/27/23 03:47	1
1,4-Difluorobenzene (Surr)	78		70 - 130	08/26/23 14:36	08/27/23 03:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-5 (1.5')

Lab Sample ID: 880-32572-62

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/28/23 20:58	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		08/26/23 10:54	08/27/23 22:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/23 10:54	08/27/23 22:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/23 10:54	08/27/23 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130				08/26/23 10:54	08/27/23 22:41	1
o-Terphenyl	152	S1+	70 - 130				08/26/23 10:54	08/27/23 22:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	163		4.97		mg/Kg			08/28/23 12:13	1

Client Sample ID: SW-6 (1.5')

Lab Sample ID: 880-32572-63

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:36	08/27/23 04:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 04:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 04:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/26/23 14:36	08/27/23 04:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 04:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/26/23 14:36	08/27/23 04:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	158	S1+	70 - 130				08/26/23 14:36	08/27/23 04:07	1
1,4-Difluorobenzene (Surr)	71		70 - 130				08/26/23 14:36	08/27/23 04:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			08/28/23 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		08/26/23 10:54	08/27/23 23:02	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		08/26/23 10:54	08/27/23 23:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-6 (1.5')

Lab Sample ID: 880-32572-63

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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)	<49.5	U	49.5		mg/Kg		08/26/23 10:54	08/27/23 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				08/26/23 10:54	08/27/23 23:02	1
o-Terphenyl	127		70 - 130				08/26/23 10:54	08/27/23 23:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		5.02		mg/Kg			08/28/23 12:20	1

Client Sample ID: SW-7 (2')

Lab Sample ID: 880-32572-64

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:36	08/27/23 04:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:36	08/27/23 04:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:36	08/27/23 04:28	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/26/23 14:36	08/27/23 04:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:36	08/27/23 04:28	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/26/23 14:36	08/27/23 04:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				08/26/23 14:36	08/27/23 04:28	1
1,4-Difluorobenzene (Surr)	62	S1-	70 - 130				08/26/23 14:36	08/27/23 04:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			08/28/23 20:58	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	<50.4	U	50.4		mg/Kg		08/26/23 10:54	08/27/23 23:24	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		08/26/23 10:54	08/27/23 23:24	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/26/23 10:54	08/27/23 23:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130				08/26/23 10:54	08/27/23 23:24	1
o-Terphenyl	151	S1+	70 - 130				08/26/23 10:54	08/27/23 23:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	142		4.95		mg/Kg			08/28/23 12:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-8 (3.5')

Lab Sample ID: 880-32572-65

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:36	08/27/23 04:48	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:36	08/27/23 04:48	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:36	08/27/23 04:48	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/26/23 14:36	08/27/23 04:48	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:36	08/27/23 04:48	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/26/23 14:36	08/27/23 04:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	08/26/23 14:36	08/27/23 04:48	1
1,4-Difluorobenzene (Surr)	74		70 - 130	08/26/23 14:36	08/27/23 04:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	54.0		50.1		mg/Kg			08/28/23 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		08/26/23 10:54	08/27/23 23:45	1
Diesel Range Organics (Over C10-C28)	54.0		50.1		mg/Kg		08/26/23 10:54	08/27/23 23:45	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/26/23 10:54	08/27/23 23:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	08/26/23 10:54	08/27/23 23:45	1
o-Terphenyl	122		70 - 130	08/26/23 10:54	08/27/23 23:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	81.7		5.01		mg/Kg			08/28/23 12:35	1

Client Sample ID: SW-9 (3.5')

Lab Sample ID: 880-32572-66

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:36	08/27/23 05:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 05:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 05:08	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/26/23 14:36	08/27/23 05:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 05:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/26/23 14:36	08/27/23 05:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	08/26/23 14:36	08/27/23 05:08	1
1,4-Difluorobenzene (Surr)	71		70 - 130	08/26/23 14:36	08/27/23 05:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-9 (3.5')

Lab Sample ID: 880-32572-66

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	65.0		50.5		mg/Kg			08/28/23 20:58	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	<50.5	U	50.5		mg/Kg		08/26/23 10:54	08/28/23 00:06	1
Diesel Range Organics (Over C10-C28)	65.0		50.5		mg/Kg		08/26/23 10:54	08/28/23 00:06	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		08/26/23 10:54	08/28/23 00:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				08/26/23 10:54	08/28/23 00:06	1
o-Terphenyl	123		70 - 130				08/26/23 10:54	08/28/23 00:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		5.05		mg/Kg			08/28/23 12:42	1

Client Sample ID: SW-10 (3.5')

Lab Sample ID: 880-32572-67

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:36	08/27/23 05:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:36	08/27/23 05:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:36	08/27/23 05:29	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/26/23 14:36	08/27/23 05:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:36	08/27/23 05:29	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/26/23 14:36	08/27/23 05:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				08/26/23 14:36	08/27/23 05:29	1
1,4-Difluorobenzene (Surr)	72		70 - 130				08/26/23 14:36	08/27/23 05:29	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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	68.0		50.0		mg/Kg			08/28/23 20:58	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		08/26/23 10:54	08/28/23 00:28	1
Diesel Range Organics (Over C10-C28)	68.0		50.0		mg/Kg		08/26/23 10:54	08/28/23 00:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-10 (3.5')

Lab Sample ID: 880-32572-67

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 10:54	08/28/23 00:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130				08/26/23 10:54	08/28/23 00:28	1
o-Terphenyl	148	S1+	70 - 130				08/26/23 10:54	08/28/23 00:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		5.04		mg/Kg			08/28/23 12:49	1

Client Sample ID: SW-11 (3.5')

Lab Sample ID: 880-32572-68

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:36	08/27/23 05:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:36	08/27/23 05:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:36	08/27/23 05:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/26/23 14:36	08/27/23 05:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/26/23 14:36	08/27/23 05:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/26/23 14:36	08/27/23 05:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/26/23 14:36	08/27/23 05:49	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/26/23 14:36	08/27/23 05:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	66.9		49.9		mg/Kg			08/28/23 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/26/23 10:54	08/28/23 00:49	1
Diesel Range Organics (Over C10-C28)	66.9		49.9		mg/Kg		08/26/23 10:54	08/28/23 00:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/26/23 10:54	08/28/23 00:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				08/26/23 10:54	08/28/23 00:49	1
o-Terphenyl	125		70 - 130				08/26/23 10:54	08/28/23 00:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		4.96		mg/Kg			08/27/23 12:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-12 (3.5')

Lab Sample ID: 880-32572-69

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:36	08/27/23 06:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:36	08/27/23 06:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:36	08/27/23 06:10	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/26/23 14:36	08/27/23 06:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:36	08/27/23 06:10	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/26/23 14:36	08/27/23 06:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	08/26/23 14:36	08/27/23 06:10	1
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130	08/26/23 14:36	08/27/23 06:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	69.0		49.7		mg/Kg			08/28/23 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/26/23 10:54	08/28/23 01:10	1
Diesel Range Organics (Over C10-C28)	69.0		49.7		mg/Kg		08/26/23 10:54	08/28/23 01:10	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/26/23 10:54	08/28/23 01:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130	08/26/23 10:54	08/28/23 01:10	1
o-Terphenyl	139	S1+	70 - 130	08/26/23 10:54	08/28/23 01:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	142		5.02		mg/Kg			08/27/23 13:08	1

Client Sample ID: SW-13 (3.5')

Lab Sample ID: 880-32572-70

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:36	08/27/23 06:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:36	08/27/23 06:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:36	08/27/23 06:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/26/23 14:36	08/27/23 06:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/26/23 14:36	08/27/23 06:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/26/23 14:36	08/27/23 06:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	08/26/23 14:36	08/27/23 06:30	1
1,4-Difluorobenzene (Surr)	72		70 - 130	08/26/23 14:36	08/27/23 06:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-13 (3.5')

Lab Sample ID: 880-32572-70

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	58.6		49.6		mg/Kg			08/28/23 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/26/23 10:54	08/28/23 01:31	1
Diesel Range Organics (Over C10-C28)	58.6		49.6		mg/Kg		08/26/23 10:54	08/28/23 01:31	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/26/23 10:54	08/28/23 01:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130				08/26/23 10:54	08/28/23 01:31	1
o-Terphenyl	149	S1+	70 - 130				08/26/23 10:54	08/28/23 01:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	133		5.03		mg/Kg			08/27/23 13:20	1

Client Sample ID: SW-14 (4')

Lab Sample ID: 880-32572-71

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:36	08/27/23 07:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:36	08/27/23 07:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:36	08/27/23 07:53	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/26/23 14:36	08/27/23 07:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:36	08/27/23 07:53	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/26/23 14:36	08/27/23 07:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				08/26/23 14:36	08/27/23 07:53	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/26/23 14:36	08/27/23 07:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	57.5		50.4		mg/Kg			08/28/23 20:58	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	<50.4	U	50.4		mg/Kg		08/26/23 10:54	08/28/23 02:15	1
Diesel Range Organics (Over C10-C28)	57.5		50.4		mg/Kg		08/26/23 10:54	08/28/23 02:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-14 (4')

Lab Sample ID: 880-32572-71

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/26/23 10:54	08/28/23 02:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				08/26/23 10:54	08/28/23 02:15	1
o-Terphenyl	128		70 - 130				08/26/23 10:54	08/28/23 02:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		5.00		mg/Kg			08/27/23 13:31	1

Client Sample ID: SW-15 (3.5')

Lab Sample ID: 880-32572-72

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:36	08/27/23 08:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 08:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 08:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/26/23 14:36	08/27/23 08:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 08:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/26/23 14:36	08/27/23 08:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				08/26/23 14:36	08/27/23 08:14	1
1,4-Difluorobenzene (Surr)	60	S1-	70 - 130				08/26/23 14:36	08/27/23 08:14	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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	63.4		50.3		mg/Kg			08/28/23 20:58	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	<50.3	U	50.3		mg/Kg		08/26/23 10:54	08/28/23 02:36	1
Diesel Range Organics (Over C10-C28)	63.4		50.3		mg/Kg		08/26/23 10:54	08/28/23 02:36	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/26/23 10:54	08/28/23 02:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				08/26/23 10:54	08/28/23 02:36	1
o-Terphenyl	122		70 - 130				08/26/23 10:54	08/28/23 02:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		5.02		mg/Kg			08/27/23 13:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-16 (2')

Lab Sample ID: 880-32572-73

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:36	08/27/23 08:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 08:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 08:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/26/23 14:36	08/27/23 08:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 08:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/26/23 14:36	08/27/23 08:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	08/26/23 14:36	08/27/23 08:34	1
1,4-Difluorobenzene (Surr)	76		70 - 130	08/26/23 14:36	08/27/23 08:34	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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	65.7		50.1		mg/Kg			08/28/23 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		08/26/23 10:54	08/28/23 02:57	1
Diesel Range Organics (Over C10-C28)	65.7		50.1		mg/Kg		08/26/23 10:54	08/28/23 02:57	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/26/23 10:54	08/28/23 02:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130	08/26/23 10:54	08/28/23 02:57	1
o-Terphenyl	138	S1+	70 - 130	08/26/23 10:54	08/28/23 02:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	133		4.98		mg/Kg			08/27/23 14:15	1

Client Sample ID: SW-17 (1')

Lab Sample ID: 880-32572-74

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:36	08/27/23 08:55	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:36	08/27/23 08:55	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:36	08/27/23 08:55	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/26/23 14:36	08/27/23 08:55	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/26/23 14:36	08/27/23 08:55	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/26/23 14:36	08/27/23 08:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130	08/26/23 14:36	08/27/23 08:55	1
1,4-Difluorobenzene (Surr)	80		70 - 130	08/26/23 14:36	08/27/23 08:55	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-17 (1')

Lab Sample ID: 880-32572-74

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	67.2		49.7		mg/Kg			08/28/23 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/26/23 10:54	08/28/23 03:19	1
Diesel Range Organics (Over C10-C28)	67.2		49.7		mg/Kg		08/26/23 10:54	08/28/23 03:19	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/26/23 10:54	08/28/23 03:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				08/26/23 10:54	08/28/23 03:19	1
o-Terphenyl	116		70 - 130				08/26/23 10:54	08/28/23 03:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.3		4.96		mg/Kg			08/27/23 14:27	1

Client Sample ID: SW-18 (1')

Lab Sample ID: 880-32572-75

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:36	08/27/23 09:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:36	08/27/23 09:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:36	08/27/23 09:15	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/26/23 14:36	08/27/23 09:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/26/23 14:36	08/27/23 09:15	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/26/23 14:36	08/27/23 09:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/26/23 14:36	08/27/23 09:15	1
1,4-Difluorobenzene (Surr)	64	S1-	70 - 130				08/26/23 14:36	08/27/23 09:15	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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	57.7		50.0		mg/Kg			08/28/23 20:58	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		08/26/23 10:54	08/28/23 03:40	1
Diesel Range Organics (Over C10-C28)	57.7		50.0		mg/Kg		08/26/23 10:54	08/28/23 03:40	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-18 (1')

Lab Sample ID: 880-32572-75

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 10:54	08/28/23 03:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				08/26/23 10:54	08/28/23 03:40	1
o-Terphenyl	140	S1+	70 - 130				08/26/23 10:54	08/28/23 03:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.3		4.97		mg/Kg			08/27/23 14:38	1

Client Sample ID: SW-19 (0.5')

Lab Sample ID: 880-32572-76

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:36	08/27/23 09:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 09:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 09:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/26/23 14:36	08/27/23 09:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 09:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/26/23 14:36	08/27/23 09:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/26/23 14:36	08/27/23 09:36	1
1,4-Difluorobenzene (Surr)	77		70 - 130				08/26/23 14:36	08/27/23 09:36	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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	62.1		50.3		mg/Kg			08/28/23 20:58	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	<50.3	U	50.3		mg/Kg		08/26/23 10:54	08/28/23 04:02	1
Diesel Range Organics (Over C10-C28)	62.1		50.3		mg/Kg		08/26/23 10:54	08/28/23 04:02	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/26/23 10:54	08/28/23 04:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				08/26/23 10:54	08/28/23 04:02	1
o-Terphenyl	120		70 - 130				08/26/23 10:54	08/28/23 04:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		5.03		mg/Kg			08/27/23 14:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-20 (0.5')

Lab Sample ID: 880-32572-77

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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		08/26/23 14:36	08/27/23 09:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 09:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 09:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/26/23 14:36	08/27/23 09:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 09:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/26/23 14:36	08/27/23 09:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	08/26/23 14:36	08/27/23 09:56	1
1,4-Difluorobenzene (Surr)	74		70 - 130	08/26/23 14:36	08/27/23 09:56	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			08/28/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	57.3		50.4		mg/Kg			08/28/23 20:58	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	<50.4	U	50.4		mg/Kg		08/26/23 10:54	08/28/23 04:23	1
Diesel Range Organics (Over C10-C28)	57.3		50.4		mg/Kg		08/26/23 10:54	08/28/23 04:23	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/26/23 10:54	08/28/23 04:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				08/26/23 10:54	08/28/23 04:23	1
o-Terphenyl	125		70 - 130				08/26/23 10:54	08/28/23 04:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		5.05		mg/Kg			08/27/23 15:00	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-32572-1	CS-1 (2')	76	110
880-32572-1 MS	CS-1 (2')	85	112
880-32572-1 MSD	CS-1 (2')	87	108
880-32572-2	CS-2 (2')	85	121
880-32572-3	CS-3 (2')	83	119
880-32572-4	CS-4 (2')	87	117
880-32572-5	CS-5 (2')	85	115
880-32572-6	CS-6 (2')	85	116
880-32572-7	CS-7 (1.5')	84	116
880-32572-8	CS-8 (1.5')	87	116
880-32572-9	CS-9 (1.5')	93	119
880-32572-10	CS-10 (1.5')	86	114
880-32572-11	CS-11 (1.5')	79	107
880-32572-12	CS-12 (1.5')	88	119
880-32572-13	CS-13 (1.5')	92	114
880-32572-14	CS-14 (4')	90	118
880-32572-15	CS-15 (4')	88	118
880-32572-16	CS-16 (4')	83	114
880-32572-17	CS-17 (4')	84	112
880-32572-18	CS-18 (4')	87	112
880-32572-19	CS-19 (4')	86	113
880-32572-20	CS-20 (4')	95	112
880-32572-21	CS-21 (4')	82	101
880-32572-21 MS	CS-21 (4')	85	105
880-32572-21 MSD	CS-21 (4')	87	105
880-32572-22	CS-22 (3.5')	91	110
880-32572-23	CS-23 (3.5')	92	109
880-32572-24	CS-24 (3.5')	83	117
880-32572-25	CS-25 (3.5')	81	113
880-32572-26	CS-26 (3.5')	89	122
880-32572-27	CS-27 (3.5')	87	117
880-32572-28	CS-28 (3.5')	86	113
880-32572-29	CS-29 (3.5')	88	118
880-32572-30	CS-30 (3.5')	84	113
880-32572-31	CS-31 (3.5')	80	107
880-32572-32	CS-32 (3.5')	87	115
880-32572-33	CS-33 (3.5')	79	116
880-32572-34	CS-34 (3.5')	81	114
880-32572-35	CS-35 (3.5')	80	116
880-32572-36	CS-36 (3.5')	86	119
880-32572-37	CS-37 (3.5')	84	120
880-32572-38	CS-38 (3.5')	91	117
880-32572-39	CS-39 (3.5')	98	111
880-32572-40	CS-40 (3.5')	84	116
880-32572-41	CS-41 (3.5')	94	85
880-32572-41 MS	CS-41 (3.5')	127	111
880-32572-41 MSD	CS-41 (3.5')	124	112
880-32572-42	CS-42 (3.5')	101	64 S1-
880-32572-43	CS-43 (3.5')	101	57 S1-

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-32572-1

Project/Site: Wingerd 5 Flowline (06.08.23)

SDG: Lea County, New Mexico

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)
880-32572-44	CS-44 (3.5')	131 S1+	99
880-32572-45	CS-45 (3.5')	84	81
880-32572-46	CS-46 (1')	101	61 S1-
880-32572-47	CS-47 (1')	85	89
880-32572-48	CS-48 (1')	100	59 S1-
880-32572-49	CS-49 (1')	104	66 S1-
880-32572-50	CS-50 (1')	105	79
880-32572-51	CS-51 (1')	132 S1+	112
880-32572-52	CS-52 (0.5')	87	76
880-32572-53	CS-53 (0.5')	89	72
880-32572-54	CS-54 (0.5')	107	79
880-32572-55	CS-55 (0.5')	106	62 S1-
880-32572-56	CS-56 (0.5')	103	60 S1-
880-32572-57	CS-57 (0.5')	86	81
880-32572-58	SW-1 (2')	122	74
880-32572-59	SW-2 (2')	106	58 S1-
880-32572-60	SW-3 (2')	142 S1+	75
880-32572-61	SW-4 (1.5')	84	78
880-32572-61 MS	SW-4 (1.5')	143 S1+	109
880-32572-61 MSD	SW-4 (1.5')	141 S1+	108
880-32572-62	SW-5 (1.5')	119	78
880-32572-63	SW-6 (1.5')	158 S1+	71
880-32572-64	SW-7 (2')	96	62 S1-
880-32572-65	SW-8 (3.5')	140 S1+	74
880-32572-66	SW-9 (3.5')	89	71
880-32572-67	SW-10 (3.5')	91	72
880-32572-68	SW-11 (3.5')	113	100
880-32572-69	SW-12 (3.5')	91	69 S1-
880-32572-70	SW-13 (3.5')	93	72
880-32572-71	SW-14 (4')	117	98
880-32572-72	SW-15 (3.5')	104	60 S1-
880-32572-73	SW-16 (2')	137 S1+	76
880-32572-74	SW-17 (1')	135 S1+	80
880-32572-75	SW-18 (1')	110	64 S1-
880-32572-76	SW-19 (0.5')	110	77
880-32572-77	SW-20 (0.5')	89	74
LCS 880-61201/1-A	Lab Control Sample	86	113
LCS 880-61202/1-A	Lab Control Sample	82	102
LCS 880-61203/1-A	Lab Control Sample	120	108
LCS 880-61204/1-A	Lab Control Sample	131 S1+	108
LCSD 880-61201/2-A	Lab Control Sample Dup	86	106
LCSD 880-61202/2-A	Lab Control Sample Dup	89	107
LCSD 880-61203/2-A	Lab Control Sample Dup	115	121
LCSD 880-61204/2-A	Lab Control Sample Dup	146 S1+	107
MB 880-61201/5-A	Method Blank	71	101
MB 880-61202/5-A	Method Blank	73	97
MB 880-61203/5-A	Method Blank	74	97
MB 880-61204/5-A	Method Blank	75	77

Surrogate Legend

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-32572-1

Project/Site: Wingerd 5 Flowline (06.08.23)

SDG: Lea County, New Mexico

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)
880-32572-1	CS-1 (2')	146 S1+	114
880-32572-1 MS	CS-1 (2')	145 S1+	110
880-32572-1 MSD	CS-1 (2')	153 S1+	111
880-32572-2	CS-2 (2')	153 S1+	113
880-32572-3	CS-3 (2')	155 S1+	134 S1+
880-32572-4	CS-4 (2')	155 S1+	131 S1+
880-32572-5	CS-5 (2')	168 S1+	134 S1+
880-32572-6	CS-6 (2')	157 S1+	130
880-32572-7	CS-7 (1.5')	163 S1+	144 S1+
880-32572-8	CS-8 (1.5')	140 S1+	123
880-32572-9	CS-9 (1.5')	148 S1+	124
880-32572-10	CS-10 (1.5')	159 S1+	132 S1+
880-32572-11	CS-11 (1.5')	131 S1+	106
880-32572-12	CS-12 (1.5')	158 S1+	141 S1+
880-32572-13	CS-13 (1.5')	155 S1+	133 S1+
880-32572-14	CS-14 (4')	144 S1+	121
880-32572-15	CS-15 (4')	146 S1+	125
880-32572-16	CS-16 (4')	176 S1+	150 S1+
880-32572-17	CS-17 (4')	173 S1+	137 S1+
880-32572-18	CS-18 (4')	159 S1+	133 S1+
880-32572-19	CS-19 (4')	159 S1+	138 S1+
880-32572-20	CS-20 (4')	144 S1+	116
880-32572-21	CS-21 (4')	157 S1+	128
880-32572-21 MS	CS-21 (4')	143 S1+	104
880-32572-21 MSD	CS-21 (4')	157 S1+	107
880-32572-22	CS-22 (3.5')	165 S1+	133 S1+
880-32572-23	CS-23 (3.5')	143 S1+	124
880-32572-24	CS-24 (3.5')	166 S1+	128
880-32572-25	CS-25 (3.5')	175 S1+	130
880-32572-26	CS-26 (3.5')	163 S1+	118
880-32572-27	CS-27 (3.5')	171 S1+	126
880-32572-28	CS-28 (3.5')	172 S1+	147 S1+
880-32572-29	CS-29 (3.5')	178 S1+	137 S1+
880-32572-30	CS-30 (3.5')	155 S1+	126
880-32572-31	CS-31 (3.5')	156 S1+	129
880-32572-32	CS-32 (3.5')	180 S1+	130
880-32572-33	CS-33 (3.5')	164 S1+	130
880-32572-34	CS-34 (3.5')	175 S1+	144 S1+
880-32572-35	CS-35 (3.5')	177 S1+	134 S1+
880-32572-36	CS-36 (3.5')	165 S1+	131 S1+
880-32572-37	CS-37 (3.5')	166 S1+	132 S1+
880-32572-38	CS-38 (3.5')	169 S1+	128
880-32572-39	CS-39 (3.5')	145 S1+	120
880-32572-40	CS-40 (3.5')	148 S1+	115
880-32572-41	CS-41 (3.5')	123	129
880-32572-41 MS	CS-41 (3.5')	114	126
880-32572-41 MSD	CS-41 (3.5')	134 S1+	145 S1+

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-32572-1

Project/Site: Wingerd 5 Flowline (06.08.23)

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-32572-42	CS-42 (3.5')	146 S1+	155 S1+
880-32572-43	CS-43 (3.5')	127	134 S1+
880-32572-44	CS-44 (3.5')	123	129
880-32572-45	CS-45 (3.5')	118	125
880-32572-46	CS-46 (1')	115	124
880-32572-47	CS-47 (1')	131 S1+	136 S1+
880-32572-48	CS-48 (1')	130	134 S1+
880-32572-49	CS-49 (1')	105	111
880-32572-50	CS-50 (1')	107	112
880-32572-51	CS-51 (1')	131 S1+	134 S1+
880-32572-52	CS-52 (0.5')	118	125
880-32572-53	CS-53 (0.5')	132 S1+	136 S1+
880-32572-54	CS-54 (0.5')	131 S1+	138 S1+
880-32572-55	CS-55 (0.5')	125	132 S1+
880-32572-56	CS-56 (0.5')	133 S1+	138 S1+
880-32572-57	CS-57 (0.5')	132 S1+	135 S1+
880-32572-58	SW-1 (2')	128	139 S1+
880-32572-59	SW-2 (2')	104	110
880-32572-60	SW-3 (2')	117	125
880-32572-61	SW-4 (1.5')	118	125
880-32572-61 MS	SW-4 (1.5')	113	122
880-32572-61 MSD	SW-4 (1.5')	135 S1+	144 S1+
880-32572-62	SW-5 (1.5')	143 S1+	152 S1+
880-32572-63	SW-6 (1.5')	119	127
880-32572-64	SW-7 (2')	140 S1+	151 S1+
880-32572-65	SW-8 (3.5')	116	122
880-32572-66	SW-9 (3.5')	117	123
880-32572-67	SW-10 (3.5')	139 S1+	148 S1+
880-32572-68	SW-11 (3.5')	118	125
880-32572-69	SW-12 (3.5')	132 S1+	139 S1+
880-32572-70	SW-13 (3.5')	143 S1+	149 S1+
880-32572-71	SW-14 (4')	120	128
880-32572-72	SW-15 (3.5')	114	122
880-32572-73	SW-16 (2')	132 S1+	138 S1+
880-32572-74	SW-17 (1')	109	116
880-32572-75	SW-18 (1')	133 S1+	140 S1+
880-32572-76	SW-19 (0.5')	113	120
880-32572-77	SW-20 (0.5')	118	125
LCS 880-61190/2-A	Lab Control Sample	134 S1+	113
LCS 880-61191/2-A	Lab Control Sample	117	106
LCS 880-61192/2-A	Lab Control Sample	111	126
LCS 880-61193/2-A	Lab Control Sample	103	116
LCSD 880-61190/3-A	Lab Control Sample Dup	127	105
LCSD 880-61191/3-A	Lab Control Sample Dup	126	109
LCSD 880-61192/3-A	Lab Control Sample Dup	90	102
LCSD 880-61193/3-A	Lab Control Sample Dup	111	123
MB 880-61190/1-A	Method Blank	255 S1+	206 S1+
MB 880-61191/1-A	Method Blank	263 S1+	203 S1+
MB 880-61192/1-A	Method Blank	179 S1+	199 S1+
MB 880-61193/1-A	Method Blank	218 S1+	235 S1+

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

1
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QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-61201/5-A

Matrix: Solid

Analysis Batch: 61200

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 61201

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 16:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 16:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 16:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/26/23 14:28	08/26/23 16:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:28	08/26/23 16:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/26/23 14:28	08/26/23 16:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130	08/26/23 14:28	08/26/23 16:28	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/26/23 14:28	08/26/23 16:28	1

Lab Sample ID: LCS 880-61201/1-A

Matrix: Solid

Analysis Batch: 61200

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 61201

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1125		mg/Kg		113	70 - 130
Toluene	0.100	0.1056		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.08910		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.200	0.1875		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09232		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: LCSD 880-61201/2-A

Matrix: Solid

Analysis Batch: 61200

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 61201

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09750		mg/Kg		98	70 - 130	14	35
Toluene	0.100	0.09842		mg/Kg		98	70 - 130	7	35
Ethylbenzene	0.100	0.08552		mg/Kg		86	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1838		mg/Kg		92	70 - 130	2	35
o-Xylene	0.100	0.09112		mg/Kg		91	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-32572-1 MS

Matrix: Solid

Analysis Batch: 61200

Client Sample ID: CS-1 (2')

Prep Type: Total/NA

Prep Batch: 61201

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09300		mg/Kg		93	70 - 130
Toluene	<0.00198	U	0.0996	0.08504		mg/Kg		85	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-32572-1 MS

Matrix: Solid

Analysis Batch: 61200

Client Sample ID: CS-1 (2')

Prep Type: Total/NA

Prep Batch: 61201

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00198	U F1	0.0996	0.06894	F1	mg/Kg		69	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1422		mg/Kg		71	70 - 130
o-Xylene	<0.00198	U	0.0996	0.07102		mg/Kg		71	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-32572-1 MSD

Matrix: Solid

Analysis Batch: 61200

Client Sample ID: CS-1 (2')

Prep Type: Total/NA

Prep Batch: 61201

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1016		mg/Kg		101	70 - 130	9	35
Toluene	<0.00198	U	0.101	0.09130		mg/Kg		91	70 - 130	7	35
Ethylbenzene	<0.00198	U F1	0.101	0.07215		mg/Kg		72	70 - 130	5	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1470		mg/Kg		73	70 - 130	3	35
o-Xylene	<0.00198	U	0.101	0.07328		mg/Kg		73	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: MB 880-61202/5-A

Matrix: Solid

Analysis Batch: 61245

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 61202

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 11:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 11:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 11:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/26/23 14:31	08/28/23 11:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:31	08/28/23 11:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/26/23 14:31	08/28/23 11:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130	08/26/23 14:31	08/28/23 11:45	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/26/23 14:31	08/28/23 11:45	1

Lab Sample ID: LCS 880-61202/1-A

Matrix: Solid

Analysis Batch: 61245

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 61202

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1102		mg/Kg		110	70 - 130
Toluene	0.100	0.1024		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.08657		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1788		mg/Kg		89	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-61202/1-A

Matrix: Solid

Analysis Batch: 61245

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 61202

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08864		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	82		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-61202/2-A

Matrix: Solid

Analysis Batch: 61245

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 61202

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1052		mg/Kg		105	70 - 130	5	35
Toluene	0.100	0.1049		mg/Kg		105	70 - 130	2	35
Ethylbenzene	0.100	0.09208		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1947		mg/Kg		97	70 - 130	8	35
o-Xylene	0.100	0.09673		mg/Kg		97	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-32572-21 MS

Matrix: Solid

Analysis Batch: 61245

Client Sample ID: CS-21 (4')

Prep Type: Total/NA

Prep Batch: 61202

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.1057		mg/Kg		106	70 - 130
Toluene	<0.00199	U	0.0996	0.1019		mg/Kg		102	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.08694		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1796		mg/Kg		90	70 - 130
o-Xylene	<0.00199	U	0.0996	0.08924		mg/Kg		90	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-32572-21 MSD

Matrix: Solid

Analysis Batch: 61245

Client Sample ID: CS-21 (4')

Prep Type: Total/NA

Prep Batch: 61202

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	0.09391		mg/Kg		94	70 - 130	12	35
Toluene	<0.00199	U	0.100	0.09071		mg/Kg		91	70 - 130	12	35
Ethylbenzene	<0.00199	U	0.100	0.07650		mg/Kg		76	70 - 130	13	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1569		mg/Kg		78	70 - 130	14	35
o-Xylene	<0.00199	U	0.100	0.07871		mg/Kg		79	70 - 130	13	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-32572-21 MSD

Matrix: Solid

Analysis Batch: 61245

Client Sample ID: CS-21 (4')

Prep Type: Total/NA

Prep Batch: 61202

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-61203/5-A

Matrix: Solid

Analysis Batch: 61199

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 61203

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:34	08/26/23 16:31	1	
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:34	08/26/23 16:31	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:34	08/26/23 16:31	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/26/23 14:34	08/26/23 16:31	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:34	08/26/23 16:31	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/26/23 14:34	08/26/23 16:31	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	74		70 - 130				08/26/23 14:34	08/26/23 16:31	1	
1,4-Difluorobenzene (Surr)	97		70 - 130				08/26/23 14:34	08/26/23 16:31	1	

Lab Sample ID: LCS 880-61203/1-A

Matrix: Solid

Analysis Batch: 61199

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 61203

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.09796		mg/Kg		98	70 - 130			
Toluene	0.100	0.1190		mg/Kg		119	70 - 130			
Ethylbenzene	0.100	0.1186		mg/Kg		119	70 - 130			
m-Xylene & p-Xylene	0.200	0.2446		mg/Kg		122	70 - 130			
o-Xylene	0.100	0.1219		mg/Kg		122	70 - 130			

	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	120		70 - 130							
1,4-Difluorobenzene (Surr)	108		70 - 130							

Lab Sample ID: LCSD 880-61203/2-A

Matrix: Solid

Analysis Batch: 61199

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 61203

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene			0.100	0.1919	*+ *1	mg/Kg		192	70 - 130	65	35
Toluene			0.100	0.2073	*+ *1	mg/Kg		207	70 - 130	54	35
Ethylbenzene			0.100	0.1882	*+ *1	mg/Kg		188	70 - 130	45	35
m-Xylene & p-Xylene			0.200	0.4332	*+ *1	mg/Kg		217	70 - 130	56	35
o-Xylene			0.100	0.2174	*+ *1	mg/Kg		217	70 - 130	56	35
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	115		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-61203/2-A

Matrix: Solid

Analysis Batch: 61199

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 61203

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	121		70 - 130

Lab Sample ID: 880-32572-41 MS

Matrix: Solid

Analysis Batch: 61199

Client Sample ID: CS-41 (3.5')

Prep Type: Total/NA

Prep Batch: 61203

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00199	U ** *1	0.0996	0.08391		mg/Kg		84	70 - 130
Toluene	<0.00199	U ** *1	0.0996	0.08867		mg/Kg		89	70 - 130
Ethylbenzene	<0.00199	U ** *1	0.0996	0.08544		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	<0.00398	U ** *1	0.199	0.1793		mg/Kg		90	70 - 130
o-Xylene	<0.00199	U ** *1	0.0996	0.08686		mg/Kg		87	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-32572-41 MSD

Matrix: Solid

Analysis Batch: 61199

Client Sample ID: CS-41 (3.5')

Prep Type: Total/NA

Prep Batch: 61203

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U ** *1	0.100	0.07826		mg/Kg		78	70 - 130	7	35
Toluene	<0.00199	U ** *1	0.100	0.08548		mg/Kg		85	70 - 130	4	35
Ethylbenzene	<0.00199	U ** *1	0.100	0.08337		mg/Kg		83	70 - 130	2	35
m-Xylene & p-Xylene	<0.00398	U ** *1	0.200	0.1745		mg/Kg		87	70 - 130	3	35
o-Xylene	<0.00199	U ** *1	0.100	0.08374		mg/Kg		83	70 - 130	4	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: MB 880-61204/5-A

Matrix: Solid

Analysis Batch: 61199

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 61204

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 03:05	1	
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 03:05	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 03:05	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/26/23 14:36	08/27/23 03:05	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/23 14:36	08/27/23 03:05	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/26/23 14:36	08/27/23 03:05	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
4-Bromofluorobenzene (Surr)	75		70 - 130	08/26/23 14:36	08/27/23 03:05	1				
1,4-Difluorobenzene (Surr)	77		70 - 130	08/26/23 14:36	08/27/23 03:05	1				

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QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-61204/1-A

Matrix: Solid

Analysis Batch: 61199

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 61204

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08858		mg/Kg		89	70 - 130
Toluene	0.100	0.1093		mg/Kg		109	70 - 130
Ethylbenzene	0.100	0.1163		mg/Kg		116	70 - 130
m-Xylene & p-Xylene	0.200	0.2593		mg/Kg		130	70 - 130
o-Xylene	0.100	0.1298		mg/Kg		130	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-61204/2-A

Matrix: Solid

Analysis Batch: 61199

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 61204

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07922		mg/Kg		79	70 - 130	11	35
Toluene	0.100	0.09968		mg/Kg		100	70 - 130	9	35
Ethylbenzene	0.100	0.1134		mg/Kg		113	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2544		mg/Kg		127	70 - 130	2	35
o-Xylene	0.100	0.1276		mg/Kg		128	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-32572-61 MS

Matrix: Solid

Analysis Batch: 61199

Client Sample ID: SW-4 (1.5')

Prep Type: Total/NA

Prep Batch: 61204

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U F1	0.0996	0.06686	F1	mg/Kg		67	70 - 130
Toluene	<0.00198	U	0.0996	0.08130		mg/Kg		82	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.08996		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	<0.00397	U	0.199	0.1939		mg/Kg		97	70 - 130
o-Xylene	<0.00198	U	0.0996	0.09380		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-32572-61 MSD

Matrix: Solid

Analysis Batch: 61199

Client Sample ID: SW-4 (1.5')

Prep Type: Total/NA

Prep Batch: 61204

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U F1	0.101	0.06327	F1	mg/Kg		63	70 - 130	6	35
Toluene	<0.00198	U	0.101	0.07805		mg/Kg		77	70 - 130	4	35
Ethylbenzene	<0.00198	U	0.101	0.08651		mg/Kg		86	70 - 130	4	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-32572-61 MSD

Matrix: Solid

Analysis Batch: 61199

Client Sample ID: SW-4 (1.5')

Prep Type: Total/NA

Prep Batch: 61204

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00397	U	0.202	0.1859		mg/Kg		92	70 - 130	4	35
o-Xylene	<0.00198	U	0.101	0.08990		mg/Kg		89	70 - 130	4	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130								
1,4-Difluorobenzene (Surr)	108		70 - 130								

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

Lab Sample ID: MB 880-61190/1-A

Matrix: Solid

Analysis Batch: 61221

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 61190

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		08/26/23 10:44	08/27/23 08:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/23 10:44	08/27/23 08:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/23 10:44	08/27/23 08:31	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	255	S1+	70 - 130				08/26/23 10:44	08/27/23 08:31	1
o-Terphenyl	206	S1+	70 - 130				08/26/23 10:44	08/27/23 08:31	1

Lab Sample ID: LCS 880-61190/2-A

Matrix: Solid

Analysis Batch: 61221

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 61190

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1026		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1068		mg/Kg		107	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	134	S1+	70 - 130						
o-Terphenyl	113		70 - 130						

Lab Sample ID: LCSD 880-61190/3-A

Matrix: Solid

Analysis Batch: 61221

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 61190

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	858.3		mg/Kg		86	70 - 130	18	20
Diesel Range Organics (Over C10-C28)	1000	905.4		mg/Kg		91	70 - 130	17	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-61190/3-A

Matrix: Solid

Analysis Batch: 61221

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 61190

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	127		70 - 130
o-Terphenyl	105		70 - 130

Lab Sample ID: 880-32572-1 MS

Matrix: Solid

Analysis Batch: 61221

Client Sample ID: CS-1 (2')

Prep Type: Total/NA

Prep Batch: 61190

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	997	1023		mg/Kg		100	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.2	U	997	1288		mg/Kg		125	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	145	S1+	70 - 130							
o-Terphenyl	110		70 - 130							

Lab Sample ID: 880-32572-1 MSD

Matrix: Solid

Analysis Batch: 61221

Client Sample ID: CS-1 (2')

Prep Type: Total/NA

Prep Batch: 61190

	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	<50.2	U	997	1079		mg/Kg		106	70 - 130	5	20	
Diesel Range Organics (Over C10-C28)	<50.2	U	997	1325		mg/Kg		129	70 - 130	3	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	153	S1+	70 - 130									
o-Terphenyl	111		70 - 130									

Lab Sample ID: MB 880-61191/1-A

Matrix: Solid

Analysis Batch: 61221

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 61191

	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		08/26/23 10:47	08/27/23 20:29	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/23 10:47	08/27/23 20:29	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/23 10:47	08/27/23 20:29	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	263	S1+	70 - 130				08/26/23 10:47	08/27/23 20:29	1		
o-Terphenyl	203	S1+	70 - 130				08/26/23 10:47	08/27/23 20:29	1		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-61191/2-A

Matrix: Solid

Analysis Batch: 61221

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 61191

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	850.5		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	937.6		mg/Kg		94	70 - 130		
					</						

Lab Sample ID: LCSD 880-61191/3-A

Matrix: Solid

Analysis Batch: 61221

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 61191

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	992.8		mg/Kg		99	70 - 130	15	20
Diesel Range Organics (Over C10-C28)			1000	924.9		mg/Kg		92	70 - 130	1	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	126		70 - 130								
o-Terphenyl	109		70 - 130								

Lab Sample ID: 880-32572-21 MS

Matrix: Solid

Analysis Batch: 61221

Client Sample ID: CS-21 (4')

Prep Type: Total/NA

Prep Batch: 61191

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	997	1012		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.1	U	997	1226		mg/Kg		120	70 - 130		
		</									

Lab Sample ID: 880-32572-21 MSD

Matrix: Solid

Analysis Batch: 61221

Client Sample ID: CS-21 (4')

Prep Type: Total/NA

Prep Batch: 61191

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	997	1100		mg/Kg		108	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<50.1	U	997	1311		mg/Kg		129	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	157	S1+	70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-32572-21 MSD

Matrix: Solid

Analysis Batch: 61221

Client Sample ID: CS-21 (4')

Prep Type: Total/NA

Prep Batch: 61191

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	107		70 - 130

Lab Sample ID: MB 880-61192/1-A

Matrix: Solid

Analysis Batch: 61224

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 61192

	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		08/26/23 10:51	08/27/23 08:31	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/23 10:51	08/27/23 08:31	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/23 10:51	08/27/23 08:31	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	179	S1+	70 - 130				08/26/23 10:51	08/27/23 08:31	1	
<i>o</i> -Terphenyl	199	S1+	70 - 130				08/26/23 10:51	08/27/23 08:31	1	

Lab Sample ID: LCS 880-61192/2-A

Matrix: Solid

Analysis Batch: 61224

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 61192

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	1067		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	945.3		mg/Kg		95	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	111		70 - 130							
<i>o</i> -Terphenyl	126		70 - 130							

Lab Sample ID: LCSD 880-61192/3-A

Matrix: Solid

Analysis Batch: 61224

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 61192

		Spike	LCSD	LCSD				%Rec		RPD	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10		1000	888.1		mg/Kg		89	70 - 130	18	20	
Diesel Range Organics (Over C10-C28)		1000	745.6	*1	mg/Kg		75	70 - 130	24	20	
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	90		70 - 130								
<i>o</i> -Terphenyl	102		70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-32572-41 MS

Matrix: Solid

Analysis Batch: 61224

Client Sample ID: CS-41 (3.5')

Prep Type: Total/NA

Prep Batch: 61192

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.4	U F1	998	<49.9	U F1	mg/Kg		-2	70 - 130
Diesel Range Organics (Over C10-C28)	76.6	*1 F1	998	59.48	F1	mg/Kg		-2	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	114		70 - 130						
o-Terphenyl	126		70 - 130						

Lab Sample ID: 880-32572-41 MSD

Matrix: Solid

Analysis Batch: 61224

Client Sample ID: CS-41 (3.5')

Prep Type: Total/NA

Prep Batch: 61192

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.4	U F1	998	<49.9	U F1	mg/Kg		0	70 - 130	NC	20
Diesel Range Organics (Over C10-C28)	76.6	*1 F1	998	64.31	F1	mg/Kg		-1	70 - 130	8	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	134	S1+	70 - 130								
o-Terphenyl	145	S1+	70 - 130								

Lab Sample ID: MB 880-61193/1-A

Matrix: Solid

Analysis Batch: 61224

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 61193

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		08/26/23 10:54	08/27/23 20:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/23 10:54	08/27/23 20:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/23 10:54	08/27/23 20:29	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	218	S1+	70 - 130				08/26/23 10:54	08/27/23 20:29	1
o-Terphenyl	235	S1+	70 - 130				08/26/23 10:54	08/27/23 20:29	1

Lab Sample ID: LCS 880-61193/2-A

Matrix: Solid

Analysis Batch: 61224

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 61193

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	982.0		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	1000	909.4		mg/Kg		91	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-61193/2-A

Matrix: Solid

Analysis Batch: 61224

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 61193

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	116		70 - 130

Lab Sample ID: LCSD 880-61193/3-A

Matrix: Solid

Analysis Batch: 61224

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 61193

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	917.3		mg/Kg		92	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1075		mg/Kg		107	70 - 130	17	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 880-32572-61 MS

Matrix: Solid

Analysis Batch: 61224

Client Sample ID: SW-4 (1.5')

Prep Type: Total/NA

Prep Batch: 61193

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1 F2	1000	<50.2	U F1	mg/Kg		3	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U F1	1000	<50.2	U F1	mg/Kg		-0.2	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	122		70 - 130

Lab Sample ID: 880-32572-61 MSD

Matrix: Solid

Analysis Batch: 61224

Client Sample ID: SW-4 (1.5')

Prep Type: Total/NA

Prep Batch: 61193

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	<49.8	U F1 F2	1000	<50.2	U F1 F2	mg/Kg		-0.02	70 - 130	91	20
Diesel Range Organics (Over C10-C28)	<49.8	U F1	1000	<50.2	U F1	mg/Kg		0.3	70 - 130	15	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	135	S1+	70 - 130
o-Terphenyl	144	S1+	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-61155/1-A

Matrix: Solid

Analysis Batch: 61189

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/26/23 10:56	1

Lab Sample ID: LCS 880-61155/2-A

Matrix: Solid

Analysis Batch: 61189

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	247.8		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-61155/3-A

Matrix: Solid

Analysis Batch: 61189

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	247.8		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-32575-A-3-B MS

Matrix: Solid

Analysis Batch: 61189

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	1790	F1	1250	3596	F1	mg/Kg		145	90 - 110

Lab Sample ID: 880-32575-A-3-C MSD

Matrix: Solid

Analysis Batch: 61189

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	1790	F1	1250	3575	F1	mg/Kg		143	90 - 110	1	20

Lab Sample ID: MB 880-61156/1-A

Matrix: Solid

Analysis Batch: 61198

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/26/23 12:18	1

Lab Sample ID: LCS 880-61156/2-A

Matrix: Solid

Analysis Batch: 61198

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	248.5		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-61156/3-A

Matrix: Solid

Analysis Batch: 61198

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	249.8		mg/Kg		100	90 - 110	1	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-32572-8 MS

Matrix: Solid

Analysis Batch: 61198

Client Sample ID: CS-8 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	144		252	416.1		mg/Kg		108	90 - 110		

Lab Sample ID: 880-32572-8 MSD

Matrix: Solid

Analysis Batch: 61198

Client Sample ID: CS-8 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	144		252	412.6		mg/Kg		107	90 - 110	1	20

Lab Sample ID: 880-32572-18 MS

Matrix: Solid

Analysis Batch: 61198

Client Sample ID: CS-18 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	412	F1	252	629.0	F1	mg/Kg		86	90 - 110		

Lab Sample ID: 880-32572-18 MSD

Matrix: Solid

Analysis Batch: 61198

Client Sample ID: CS-18 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	412	F1	252	630.8	F1	mg/Kg		87	90 - 110	0	20

Lab Sample ID: MB 880-61154/1-A

Matrix: Solid

Analysis Batch: 61227

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/27/23 11:03	1

Lab Sample ID: LCS 880-61154/2-A

Matrix: Solid

Analysis Batch: 61227

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	249.6		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-61154/3-A

Matrix: Solid

Analysis Batch: 61227

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	249.9		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-32572-28 MS

Matrix: Solid

Analysis Batch: 61227

Client Sample ID: CS-28 (3.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	133		251	409.7		mg/Kg		110	90 - 110		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-32572-28 MSD

Matrix: Solid

Analysis Batch: 61227

Client Sample ID: CS-28 (3.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	133		251	406.3		mg/Kg		109	90 - 110	1	20

Lab Sample ID: 880-32572-38 MS

Matrix: Solid

Analysis Batch: 61227

Client Sample ID: CS-38 (3.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	92.8		252	345.4		mg/Kg		100	90 - 110		

Lab Sample ID: 880-32572-38 MSD

Matrix: Solid

Analysis Batch: 61227

Client Sample ID: CS-38 (3.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	92.8		252	345.8		mg/Kg		101	90 - 110	0	20

Lab Sample ID: MB 880-61160/1-A

Matrix: Solid

Analysis Batch: 61228

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/28/23 09:14	1

Lab Sample ID: LCS 880-61160/2-A

Matrix: Solid

Analysis Batch: 61228

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	254.7		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-61160/3-A

Matrix: Solid

Analysis Batch: 61228

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	255.6		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-32572-48 MS

Matrix: Solid

Analysis Batch: 61228

Client Sample ID: CS-48 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	130		248	386.6		mg/Kg		104	90 - 110		

Lab Sample ID: 880-32572-48 MSD

Matrix: Solid

Analysis Batch: 61228

Client Sample ID: CS-48 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	130		248	386.1		mg/Kg		103	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-32572-58 MS

Matrix: Solid

Analysis Batch: 61228

Client Sample ID: SW-1 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	169	F1	248	370.7	F1	mg/Kg		81	90 - 110

Lab Sample ID: 880-32572-58 MSD

Matrix: Solid

Analysis Batch: 61228

Client Sample ID: SW-1 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	169	F1	248	371.6	F1	mg/Kg		82	90 - 110	0	20

Lab Sample ID: MB 880-61161/1-A

Matrix: Solid

Analysis Batch: 61229

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/27/23 12:01	1

Lab Sample ID: LCS 880-61161/2-A

Matrix: Solid

Analysis Batch: 61229

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	247.5		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-61161/3-A

Matrix: Solid

Analysis Batch: 61229

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	249.2		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 880-32572-68 MS

Matrix: Solid

Analysis Batch: 61229

Client Sample ID: SW-11 (3.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	150		248	378.2		mg/Kg		92	90 - 110

Lab Sample ID: 880-32572-68 MSD

Matrix: Solid

Analysis Batch: 61229

Client Sample ID: SW-11 (3.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	150		248	377.9		mg/Kg		92	90 - 110	0	20

Lab Sample ID: MB 880-61254/1-A

Matrix: Solid

Analysis Batch: 61258

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/28/23 11:19	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-61254/2-A

Matrix: Solid

Analysis Batch: 61258

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	249.2		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-61254/3-A

Matrix: Solid

Analysis Batch: 61258

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	248.0		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-32572-41 MS

Matrix: Solid

Analysis Batch: 61258

Client Sample ID: CS-41 (3.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	140		250	396.2		mg/Kg		103	90 - 110		

Lab Sample ID: 880-32572-41 MSD

Matrix: Solid

Analysis Batch: 61258

Client Sample ID: CS-41 (3.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	140		250	395.1		mg/Kg		102	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 61199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-41	CS-41 (3.5')	Total/NA	Solid	8021B	61203
880-32572-42	CS-42 (3.5')	Total/NA	Solid	8021B	61203
880-32572-43	CS-43 (3.5')	Total/NA	Solid	8021B	61203
880-32572-44	CS-44 (3.5')	Total/NA	Solid	8021B	61203
880-32572-45	CS-45 (3.5')	Total/NA	Solid	8021B	61203
880-32572-46	CS-46 (1')	Total/NA	Solid	8021B	61203
880-32572-47	CS-47 (1')	Total/NA	Solid	8021B	61203
880-32572-48	CS-48 (1')	Total/NA	Solid	8021B	61203
880-32572-49	CS-49 (1')	Total/NA	Solid	8021B	61203
880-32572-50	CS-50 (1')	Total/NA	Solid	8021B	61203
880-32572-51	CS-51 (1')	Total/NA	Solid	8021B	61203
880-32572-52	CS-52 (0.5')	Total/NA	Solid	8021B	61203
880-32572-53	CS-53 (0.5')	Total/NA	Solid	8021B	61203
880-32572-54	CS-54 (0.5')	Total/NA	Solid	8021B	61203
880-32572-55	CS-55 (0.5')	Total/NA	Solid	8021B	61203
880-32572-56	CS-56 (0.5')	Total/NA	Solid	8021B	61203
880-32572-57	CS-57 (0.5')	Total/NA	Solid	8021B	61203
880-32572-58	SW-1 (2')	Total/NA	Solid	8021B	61203
880-32572-59	SW-2 (2')	Total/NA	Solid	8021B	61203
880-32572-60	SW-3 (2')	Total/NA	Solid	8021B	61203
880-32572-61	SW-4 (1.5')	Total/NA	Solid	8021B	61204
880-32572-62	SW-5 (1.5')	Total/NA	Solid	8021B	61204
880-32572-63	SW-6 (1.5')	Total/NA	Solid	8021B	61204
880-32572-64	SW-7 (2')	Total/NA	Solid	8021B	61204
880-32572-65	SW-8 (3.5')	Total/NA	Solid	8021B	61204
880-32572-66	SW-9 (3.5')	Total/NA	Solid	8021B	61204
880-32572-67	SW-10 (3.5')	Total/NA	Solid	8021B	61204
880-32572-68	SW-11 (3.5')	Total/NA	Solid	8021B	61204
880-32572-69	SW-12 (3.5')	Total/NA	Solid	8021B	61204
880-32572-70	SW-13 (3.5')	Total/NA	Solid	8021B	61204
880-32572-71	SW-14 (4')	Total/NA	Solid	8021B	61204
880-32572-72	SW-15 (3.5')	Total/NA	Solid	8021B	61204
880-32572-73	SW-16 (2')	Total/NA	Solid	8021B	61204
880-32572-74	SW-17 (1')	Total/NA	Solid	8021B	61204
880-32572-75	SW-18 (1')	Total/NA	Solid	8021B	61204
880-32572-76	SW-19 (0.5')	Total/NA	Solid	8021B	61204
880-32572-77	SW-20 (0.5')	Total/NA	Solid	8021B	61204
MB 880-61203/5-A	Method Blank	Total/NA	Solid	8021B	61203
MB 880-61204/5-A	Method Blank	Total/NA	Solid	8021B	61204
LCS 880-61203/1-A	Lab Control Sample	Total/NA	Solid	8021B	61203
LCS 880-61204/1-A	Lab Control Sample	Total/NA	Solid	8021B	61204
LCSD 880-61203/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	61203
LCSD 880-61204/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	61204
880-32572-41 MS	CS-41 (3.5')	Total/NA	Solid	8021B	61203
880-32572-41 MSD	CS-41 (3.5')	Total/NA	Solid	8021B	61203
880-32572-61 MS	SW-4 (1.5')	Total/NA	Solid	8021B	61204
880-32572-61 MSD	SW-4 (1.5')	Total/NA	Solid	8021B	61204

Analysis Batch: 61200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-1	CS-1 (2')	Total/NA	Solid	8021B	61201

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 61200 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-2	CS-2 (2')	Total/NA	Solid	8021B	61201
880-32572-3	CS-3 (2')	Total/NA	Solid	8021B	61201
880-32572-4	CS-4 (2')	Total/NA	Solid	8021B	61201
880-32572-5	CS-5 (2')	Total/NA	Solid	8021B	61201
880-32572-6	CS-6 (2')	Total/NA	Solid	8021B	61201
880-32572-7	CS-7 (1.5')	Total/NA	Solid	8021B	61201
880-32572-8	CS-8 (1.5')	Total/NA	Solid	8021B	61201
880-32572-9	CS-9 (1.5')	Total/NA	Solid	8021B	61201
880-32572-10	CS-10 (1.5')	Total/NA	Solid	8021B	61201
880-32572-11	CS-11 (1.5')	Total/NA	Solid	8021B	61201
880-32572-12	CS-12 (1.5')	Total/NA	Solid	8021B	61201
880-32572-13	CS-13 (1.5')	Total/NA	Solid	8021B	61201
880-32572-14	CS-14 (4')	Total/NA	Solid	8021B	61201
880-32572-15	CS-15 (4')	Total/NA	Solid	8021B	61201
880-32572-16	CS-16 (4')	Total/NA	Solid	8021B	61201
880-32572-17	CS-17 (4')	Total/NA	Solid	8021B	61201
880-32572-18	CS-18 (4')	Total/NA	Solid	8021B	61201
880-32572-19	CS-19 (4')	Total/NA	Solid	8021B	61201
880-32572-20	CS-20 (4')	Total/NA	Solid	8021B	61201
MB 880-61201/5-A	Method Blank	Total/NA	Solid	8021B	61201
LCS 880-61201/1-A	Lab Control Sample	Total/NA	Solid	8021B	61201
LCSD 880-61201/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	61201
880-32572-1 MS	CS-1 (2')	Total/NA	Solid	8021B	61201
880-32572-1 MSD	CS-1 (2')	Total/NA	Solid	8021B	61201

Prep Batch: 61201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-1	CS-1 (2')	Total/NA	Solid	5035	
880-32572-2	CS-2 (2')	Total/NA	Solid	5035	
880-32572-3	CS-3 (2')	Total/NA	Solid	5035	
880-32572-4	CS-4 (2')	Total/NA	Solid	5035	
880-32572-5	CS-5 (2')	Total/NA	Solid	5035	
880-32572-6	CS-6 (2')	Total/NA	Solid	5035	
880-32572-7	CS-7 (1.5')	Total/NA	Solid	5035	
880-32572-8	CS-8 (1.5')	Total/NA	Solid	5035	
880-32572-9	CS-9 (1.5')	Total/NA	Solid	5035	
880-32572-10	CS-10 (1.5')	Total/NA	Solid	5035	
880-32572-11	CS-11 (1.5')	Total/NA	Solid	5035	
880-32572-12	CS-12 (1.5')	Total/NA	Solid	5035	
880-32572-13	CS-13 (1.5')	Total/NA	Solid	5035	
880-32572-14	CS-14 (4')	Total/NA	Solid	5035	
880-32572-15	CS-15 (4')	Total/NA	Solid	5035	
880-32572-16	CS-16 (4')	Total/NA	Solid	5035	
880-32572-17	CS-17 (4')	Total/NA	Solid	5035	
880-32572-18	CS-18 (4')	Total/NA	Solid	5035	
880-32572-19	CS-19 (4')	Total/NA	Solid	5035	
880-32572-20	CS-20 (4')	Total/NA	Solid	5035	
MB 880-61201/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-61201/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-61201/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-32572-1 MS	CS-1 (2')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 61201 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-1 MSD	CS-1 (2')	Total/NA	Solid	5035	

Prep Batch: 61202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-21	CS-21 (4')	Total/NA	Solid	5035	
880-32572-22	CS-22 (3.5')	Total/NA	Solid	5035	
880-32572-23	CS-23 (3.5')	Total/NA	Solid	5035	
880-32572-24	CS-24 (3.5')	Total/NA	Solid	5035	
880-32572-25	CS-25 (3.5')	Total/NA	Solid	5035	
880-32572-26	CS-26 (3.5')	Total/NA	Solid	5035	
880-32572-27	CS-27 (3.5')	Total/NA	Solid	5035	
880-32572-28	CS-28 (3.5')	Total/NA	Solid	5035	
880-32572-29	CS-29 (3.5')	Total/NA	Solid	5035	
880-32572-30	CS-30 (3.5')	Total/NA	Solid	5035	
880-32572-31	CS-31 (3.5')	Total/NA	Solid	5035	
880-32572-32	CS-32 (3.5')	Total/NA	Solid	5035	
880-32572-33	CS-33 (3.5')	Total/NA	Solid	5035	
880-32572-34	CS-34 (3.5')	Total/NA	Solid	5035	
880-32572-35	CS-35 (3.5')	Total/NA	Solid	5035	
880-32572-36	CS-36 (3.5')	Total/NA	Solid	5035	
880-32572-37	CS-37 (3.5')	Total/NA	Solid	5035	
880-32572-38	CS-38 (3.5')	Total/NA	Solid	5035	
880-32572-39	CS-39 (3.5')	Total/NA	Solid	5035	
880-32572-40	CS-40 (3.5')	Total/NA	Solid	5035	
MB 880-61202/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-61202/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-61202/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-32572-21 MS	CS-21 (4')	Total/NA	Solid	5035	
880-32572-21 MSD	CS-21 (4')	Total/NA	Solid	5035	

Prep Batch: 61203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-41	CS-41 (3.5')	Total/NA	Solid	5035	
880-32572-42	CS-42 (3.5')	Total/NA	Solid	5035	
880-32572-43	CS-43 (3.5')	Total/NA	Solid	5035	
880-32572-44	CS-44 (3.5')	Total/NA	Solid	5035	
880-32572-45	CS-45 (3.5')	Total/NA	Solid	5035	
880-32572-46	CS-46 (1')	Total/NA	Solid	5035	
880-32572-47	CS-47 (1')	Total/NA	Solid	5035	
880-32572-48	CS-48 (1')	Total/NA	Solid	5035	
880-32572-49	CS-49 (1')	Total/NA	Solid	5035	
880-32572-50	CS-50 (1')	Total/NA	Solid	5035	
880-32572-51	CS-51 (1')	Total/NA	Solid	5035	
880-32572-52	CS-52 (0.5')	Total/NA	Solid	5035	
880-32572-53	CS-53 (0.5')	Total/NA	Solid	5035	
880-32572-54	CS-54 (0.5')	Total/NA	Solid	5035	
880-32572-55	CS-55 (0.5')	Total/NA	Solid	5035	
880-32572-56	CS-56 (0.5')	Total/NA	Solid	5035	
880-32572-57	CS-57 (0.5')	Total/NA	Solid	5035	
880-32572-58	SW-1 (2')	Total/NA	Solid	5035	
880-32572-59	SW-2 (2')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 61203 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-60	SW-3 (2')	Total/NA	Solid	5035	
MB 880-61203/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-61203/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-61203/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-32572-41 MS	CS-41 (3.5')	Total/NA	Solid	5035	
880-32572-41 MSD	CS-41 (3.5')	Total/NA	Solid	5035	

Prep Batch: 61204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-61	SW-4 (1.5')	Total/NA	Solid	5035	
880-32572-62	SW-5 (1.5')	Total/NA	Solid	5035	
880-32572-63	SW-6 (1.5')	Total/NA	Solid	5035	
880-32572-64	SW-7 (2')	Total/NA	Solid	5035	
880-32572-65	SW-8 (3.5')	Total/NA	Solid	5035	
880-32572-66	SW-9 (3.5')	Total/NA	Solid	5035	
880-32572-67	SW-10 (3.5')	Total/NA	Solid	5035	
880-32572-68	SW-11 (3.5')	Total/NA	Solid	5035	
880-32572-69	SW-12 (3.5')	Total/NA	Solid	5035	
880-32572-70	SW-13 (3.5')	Total/NA	Solid	5035	
880-32572-71	SW-14 (4')	Total/NA	Solid	5035	
880-32572-72	SW-15 (3.5')	Total/NA	Solid	5035	
880-32572-73	SW-16 (2')	Total/NA	Solid	5035	
880-32572-74	SW-17 (1')	Total/NA	Solid	5035	
880-32572-75	SW-18 (1')	Total/NA	Solid	5035	
880-32572-76	SW-19 (0.5')	Total/NA	Solid	5035	
880-32572-77	SW-20 (0.5')	Total/NA	Solid	5035	
MB 880-61204/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-61204/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-61204/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-32572-61 MS	SW-4 (1.5')	Total/NA	Solid	5035	
880-32572-61 MSD	SW-4 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 61245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-21	CS-21 (4')	Total/NA	Solid	8021B	61202
880-32572-22	CS-22 (3.5')	Total/NA	Solid	8021B	61202
880-32572-23	CS-23 (3.5')	Total/NA	Solid	8021B	61202
880-32572-24	CS-24 (3.5')	Total/NA	Solid	8021B	61202
880-32572-25	CS-25 (3.5')	Total/NA	Solid	8021B	61202
880-32572-26	CS-26 (3.5')	Total/NA	Solid	8021B	61202
880-32572-27	CS-27 (3.5')	Total/NA	Solid	8021B	61202
880-32572-28	CS-28 (3.5')	Total/NA	Solid	8021B	61202
880-32572-29	CS-29 (3.5')	Total/NA	Solid	8021B	61202
880-32572-30	CS-30 (3.5')	Total/NA	Solid	8021B	61202
880-32572-31	CS-31 (3.5')	Total/NA	Solid	8021B	61202
880-32572-32	CS-32 (3.5')	Total/NA	Solid	8021B	61202
880-32572-33	CS-33 (3.5')	Total/NA	Solid	8021B	61202
880-32572-34	CS-34 (3.5')	Total/NA	Solid	8021B	61202
880-32572-35	CS-35 (3.5')	Total/NA	Solid	8021B	61202
880-32572-36	CS-36 (3.5')	Total/NA	Solid	8021B	61202
880-32572-37	CS-37 (3.5')	Total/NA	Solid	8021B	61202

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 61245 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-38	CS-38 (3.5')	Total/NA	Solid	8021B	61202
880-32572-39	CS-39 (3.5')	Total/NA	Solid	8021B	61202
880-32572-40	CS-40 (3.5')	Total/NA	Solid	8021B	61202
MB 880-61202/5-A	Method Blank	Total/NA	Solid	8021B	61202
LCS 880-61202/1-A	Lab Control Sample	Total/NA	Solid	8021B	61202
LCSD 880-61202/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	61202
880-32572-21 MS	CS-21 (4')	Total/NA	Solid	8021B	61202
880-32572-21 MSD	CS-21 (4')	Total/NA	Solid	8021B	61202

Analysis Batch: 61286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-1	CS-1 (2')	Total/NA	Solid	Total BTEX	
880-32572-2	CS-2 (2')	Total/NA	Solid	Total BTEX	
880-32572-3	CS-3 (2')	Total/NA	Solid	Total BTEX	
880-32572-4	CS-4 (2')	Total/NA	Solid	Total BTEX	
880-32572-5	CS-5 (2')	Total/NA	Solid	Total BTEX	
880-32572-6	CS-6 (2')	Total/NA	Solid	Total BTEX	
880-32572-7	CS-7 (1.5')	Total/NA	Solid	Total BTEX	
880-32572-8	CS-8 (1.5')	Total/NA	Solid	Total BTEX	
880-32572-9	CS-9 (1.5')	Total/NA	Solid	Total BTEX	
880-32572-10	CS-10 (1.5')	Total/NA	Solid	Total BTEX	
880-32572-11	CS-11 (1.5')	Total/NA	Solid	Total BTEX	
880-32572-12	CS-12 (1.5')	Total/NA	Solid	Total BTEX	
880-32572-13	CS-13 (1.5')	Total/NA	Solid	Total BTEX	
880-32572-14	CS-14 (4')	Total/NA	Solid	Total BTEX	
880-32572-15	CS-15 (4')	Total/NA	Solid	Total BTEX	
880-32572-16	CS-16 (4')	Total/NA	Solid	Total BTEX	
880-32572-17	CS-17 (4')	Total/NA	Solid	Total BTEX	
880-32572-18	CS-18 (4')	Total/NA	Solid	Total BTEX	
880-32572-19	CS-19 (4')	Total/NA	Solid	Total BTEX	
880-32572-20	CS-20 (4')	Total/NA	Solid	Total BTEX	
880-32572-21	CS-21 (4')	Total/NA	Solid	Total BTEX	
880-32572-22	CS-22 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-23	CS-23 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-24	CS-24 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-25	CS-25 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-26	CS-26 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-27	CS-27 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-28	CS-28 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-29	CS-29 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-30	CS-30 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-31	CS-31 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-32	CS-32 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-33	CS-33 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-34	CS-34 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-35	CS-35 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-36	CS-36 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-37	CS-37 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-38	CS-38 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-39	CS-39 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-40	CS-40 (3.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 61286 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-41	CS-41 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-42	CS-42 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-43	CS-43 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-44	CS-44 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-45	CS-45 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-46	CS-46 (1')	Total/NA	Solid	Total BTEX	
880-32572-47	CS-47 (1')	Total/NA	Solid	Total BTEX	
880-32572-48	CS-48 (1')	Total/NA	Solid	Total BTEX	
880-32572-49	CS-49 (1')	Total/NA	Solid	Total BTEX	
880-32572-50	CS-50 (1')	Total/NA	Solid	Total BTEX	
880-32572-51	CS-51 (1')	Total/NA	Solid	Total BTEX	
880-32572-52	CS-52 (0.5')	Total/NA	Solid	Total BTEX	
880-32572-53	CS-53 (0.5')	Total/NA	Solid	Total BTEX	
880-32572-54	CS-54 (0.5')	Total/NA	Solid	Total BTEX	
880-32572-55	CS-55 (0.5')	Total/NA	Solid	Total BTEX	
880-32572-56	CS-56 (0.5')	Total/NA	Solid	Total BTEX	
880-32572-57	CS-57 (0.5')	Total/NA	Solid	Total BTEX	
880-32572-58	SW-1 (2')	Total/NA	Solid	Total BTEX	
880-32572-59	SW-2 (2')	Total/NA	Solid	Total BTEX	
880-32572-60	SW-3 (2')	Total/NA	Solid	Total BTEX	
880-32572-61	SW-4 (1.5')	Total/NA	Solid	Total BTEX	
880-32572-62	SW-5 (1.5')	Total/NA	Solid	Total BTEX	
880-32572-63	SW-6 (1.5')	Total/NA	Solid	Total BTEX	
880-32572-64	SW-7 (2')	Total/NA	Solid	Total BTEX	
880-32572-65	SW-8 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-66	SW-9 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-67	SW-10 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-68	SW-11 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-69	SW-12 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-70	SW-13 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-71	SW-14 (4')	Total/NA	Solid	Total BTEX	
880-32572-72	SW-15 (3.5')	Total/NA	Solid	Total BTEX	
880-32572-73	SW-16 (2')	Total/NA	Solid	Total BTEX	
880-32572-74	SW-17 (1')	Total/NA	Solid	Total BTEX	
880-32572-75	SW-18 (1')	Total/NA	Solid	Total BTEX	
880-32572-76	SW-19 (0.5')	Total/NA	Solid	Total BTEX	
880-32572-77	SW-20 (0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 61190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-1	CS-1 (2')	Total/NA	Solid	8015NM Prep	
880-32572-2	CS-2 (2')	Total/NA	Solid	8015NM Prep	
880-32572-3	CS-3 (2')	Total/NA	Solid	8015NM Prep	
880-32572-4	CS-4 (2')	Total/NA	Solid	8015NM Prep	
880-32572-5	CS-5 (2')	Total/NA	Solid	8015NM Prep	
880-32572-6	CS-6 (2')	Total/NA	Solid	8015NM Prep	
880-32572-7	CS-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-32572-8	CS-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-32572-9	CS-9 (1.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 61190 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-10	CS-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-32572-11	CS-11 (1.5')	Total/NA	Solid	8015NM Prep	
880-32572-12	CS-12 (1.5')	Total/NA	Solid	8015NM Prep	
880-32572-13	CS-13 (1.5')	Total/NA	Solid	8015NM Prep	
880-32572-14	CS-14 (4')	Total/NA	Solid	8015NM Prep	
880-32572-15	CS-15 (4')	Total/NA	Solid	8015NM Prep	
880-32572-16	CS-16 (4')	Total/NA	Solid	8015NM Prep	
880-32572-17	CS-17 (4')	Total/NA	Solid	8015NM Prep	
880-32572-18	CS-18 (4')	Total/NA	Solid	8015NM Prep	
880-32572-19	CS-19 (4')	Total/NA	Solid	8015NM Prep	
880-32572-20	CS-20 (4')	Total/NA	Solid	8015NM Prep	
MB 880-61190/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-61190/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-61190/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-32572-1 MS	CS-1 (2')	Total/NA	Solid	8015NM Prep	
880-32572-1 MSD	CS-1 (2')	Total/NA	Solid	8015NM Prep	

Prep Batch: 61191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-21	CS-21 (4')	Total/NA	Solid	8015NM Prep	
880-32572-22	CS-22 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-23	CS-23 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-24	CS-24 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-25	CS-25 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-26	CS-26 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-27	CS-27 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-28	CS-28 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-29	CS-29 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-30	CS-30 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-31	CS-31 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-32	CS-32 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-33	CS-33 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-34	CS-34 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-35	CS-35 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-36	CS-36 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-37	CS-37 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-38	CS-38 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-39	CS-39 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-40	CS-40 (3.5')	Total/NA	Solid	8015NM Prep	
MB 880-61191/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-61191/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-61191/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-32572-21 MS	CS-21 (4')	Total/NA	Solid	8015NM Prep	
880-32572-21 MSD	CS-21 (4')	Total/NA	Solid	8015NM Prep	

Prep Batch: 61192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-41	CS-41 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-42	CS-42 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-43	CS-43 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-44	CS-44 (3.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 61192 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-45	CS-45 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-46	CS-46 (1')	Total/NA	Solid	8015NM Prep	
880-32572-47	CS-47 (1')	Total/NA	Solid	8015NM Prep	
880-32572-48	CS-48 (1')	Total/NA	Solid	8015NM Prep	
880-32572-49	CS-49 (1')	Total/NA	Solid	8015NM Prep	
880-32572-50	CS-50 (1')	Total/NA	Solid	8015NM Prep	
880-32572-51	CS-51 (1')	Total/NA	Solid	8015NM Prep	
880-32572-52	CS-52 (0.5')	Total/NA	Solid	8015NM Prep	
880-32572-53	CS-53 (0.5')	Total/NA	Solid	8015NM Prep	
880-32572-54	CS-54 (0.5')	Total/NA	Solid	8015NM Prep	
880-32572-55	CS-55 (0.5')	Total/NA	Solid	8015NM Prep	
880-32572-56	CS-56 (0.5')	Total/NA	Solid	8015NM Prep	
880-32572-57	CS-57 (0.5')	Total/NA	Solid	8015NM Prep	
880-32572-58	SW-1 (2')	Total/NA	Solid	8015NM Prep	
880-32572-59	SW-2 (2')	Total/NA	Solid	8015NM Prep	
880-32572-60	SW-3 (2')	Total/NA	Solid	8015NM Prep	
MB 880-61192/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-61192/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-61192/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-32572-41 MS	CS-41 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-41 MSD	CS-41 (3.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 61193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-61	SW-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-32572-62	SW-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-32572-63	SW-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-32572-64	SW-7 (2')	Total/NA	Solid	8015NM Prep	
880-32572-65	SW-8 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-66	SW-9 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-67	SW-10 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-68	SW-11 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-69	SW-12 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-70	SW-13 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-71	SW-14 (4')	Total/NA	Solid	8015NM Prep	
880-32572-72	SW-15 (3.5')	Total/NA	Solid	8015NM Prep	
880-32572-73	SW-16 (2')	Total/NA	Solid	8015NM Prep	
880-32572-74	SW-17 (1')	Total/NA	Solid	8015NM Prep	
880-32572-75	SW-18 (1')	Total/NA	Solid	8015NM Prep	
880-32572-76	SW-19 (0.5')	Total/NA	Solid	8015NM Prep	
880-32572-77	SW-20 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-61193/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-61193/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-61193/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-32572-61 MS	SW-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-32572-61 MSD	SW-4 (1.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 61221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-1	CS-1 (2')	Total/NA	Solid	8015B NM	61190
880-32572-2	CS-2 (2')	Total/NA	Solid	8015B NM	61190

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-32572-1

Project/Site: Wingerd 5 Flowline (06.08.23)

SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 61221 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-3	CS-3 (2')	Total/NA	Solid	8015B NM	61190
880-32572-4	CS-4 (2')	Total/NA	Solid	8015B NM	61190
880-32572-5	CS-5 (2')	Total/NA	Solid	8015B NM	61190
880-32572-6	CS-6 (2')	Total/NA	Solid	8015B NM	61190
880-32572-7	CS-7 (1.5')	Total/NA	Solid	8015B NM	61190
880-32572-8	CS-8 (1.5')	Total/NA	Solid	8015B NM	61190
880-32572-9	CS-9 (1.5')	Total/NA	Solid	8015B NM	61190
880-32572-10	CS-10 (1.5')	Total/NA	Solid	8015B NM	61190
880-32572-11	CS-11 (1.5')	Total/NA	Solid	8015B NM	61190
880-32572-12	CS-12 (1.5')	Total/NA	Solid	8015B NM	61190
880-32572-13	CS-13 (1.5')	Total/NA	Solid	8015B NM	61190
880-32572-14	CS-14 (4')	Total/NA	Solid	8015B NM	61190
880-32572-15	CS-15 (4')	Total/NA	Solid	8015B NM	61190
880-32572-16	CS-16 (4')	Total/NA	Solid	8015B NM	61190
880-32572-17	CS-17 (4')	Total/NA	Solid	8015B NM	61190
880-32572-18	CS-18 (4')	Total/NA	Solid	8015B NM	61190
880-32572-19	CS-19 (4')	Total/NA	Solid	8015B NM	61190
880-32572-20	CS-20 (4')	Total/NA	Solid	8015B NM	61190
880-32572-21	CS-21 (4')	Total/NA	Solid	8015B NM	61191
880-32572-22	CS-22 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-23	CS-23 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-24	CS-24 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-25	CS-25 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-26	CS-26 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-27	CS-27 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-28	CS-28 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-29	CS-29 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-30	CS-30 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-31	CS-31 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-32	CS-32 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-33	CS-33 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-34	CS-34 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-35	CS-35 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-36	CS-36 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-37	CS-37 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-38	CS-38 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-39	CS-39 (3.5')	Total/NA	Solid	8015B NM	61191
880-32572-40	CS-40 (3.5')	Total/NA	Solid	8015B NM	61191
MB 880-61190/1-A	Method Blank	Total/NA	Solid	8015B NM	61190
MB 880-61191/1-A	Method Blank	Total/NA	Solid	8015B NM	61191
LCS 880-61190/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	61190
LCS 880-61191/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	61191
LCSD 880-61190/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	61190
LCSD 880-61191/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	61191
880-32572-1 MS	CS-1 (2')	Total/NA	Solid	8015B NM	61190
880-32572-1 MSD	CS-1 (2')	Total/NA	Solid	8015B NM	61190
880-32572-21 MS	CS-21 (4')	Total/NA	Solid	8015B NM	61191
880-32572-21 MSD	CS-21 (4')	Total/NA	Solid	8015B NM	61191

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 61224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-41	CS-41 (3.5')	Total/NA	Solid	8015B NM	61192
880-32572-42	CS-42 (3.5')	Total/NA	Solid	8015B NM	61192
880-32572-43	CS-43 (3.5')	Total/NA	Solid	8015B NM	61192
880-32572-44	CS-44 (3.5')	Total/NA	Solid	8015B NM	61192
880-32572-45	CS-45 (3.5')	Total/NA	Solid	8015B NM	61192
880-32572-46	CS-46 (1')	Total/NA	Solid	8015B NM	61192
880-32572-47	CS-47 (1')	Total/NA	Solid	8015B NM	61192
880-32572-48	CS-48 (1')	Total/NA	Solid	8015B NM	61192
880-32572-49	CS-49 (1')	Total/NA	Solid	8015B NM	61192
880-32572-50	CS-50 (1')	Total/NA	Solid	8015B NM	61192
880-32572-51	CS-51 (1')	Total/NA	Solid	8015B NM	61192
880-32572-52	CS-52 (0.5')	Total/NA	Solid	8015B NM	61192
880-32572-53	CS-53 (0.5')	Total/NA	Solid	8015B NM	61192
880-32572-54	CS-54 (0.5')	Total/NA	Solid	8015B NM	61192
880-32572-55	CS-55 (0.5')	Total/NA	Solid	8015B NM	61192
880-32572-56	CS-56 (0.5')	Total/NA	Solid	8015B NM	61192
880-32572-57	CS-57 (0.5')	Total/NA	Solid	8015B NM	61192
880-32572-58	SW-1 (2')	Total/NA	Solid	8015B NM	61192
880-32572-59	SW-2 (2')	Total/NA	Solid	8015B NM	61192
880-32572-60	SW-3 (2')	Total/NA	Solid	8015B NM	61192
880-32572-61	SW-4 (1.5')	Total/NA	Solid	8015B NM	61193
880-32572-62	SW-5 (1.5')	Total/NA	Solid	8015B NM	61193
880-32572-63	SW-6 (1.5')	Total/NA	Solid	8015B NM	61193
880-32572-64	SW-7 (2')	Total/NA	Solid	8015B NM	61193
880-32572-65	SW-8 (3.5')	Total/NA	Solid	8015B NM	61193
880-32572-66	SW-9 (3.5')	Total/NA	Solid	8015B NM	61193
880-32572-67	SW-10 (3.5')	Total/NA	Solid	8015B NM	61193
880-32572-68	SW-11 (3.5')	Total/NA	Solid	8015B NM	61193
880-32572-69	SW-12 (3.5')	Total/NA	Solid	8015B NM	61193
880-32572-70	SW-13 (3.5')	Total/NA	Solid	8015B NM	61193
880-32572-71	SW-14 (4')	Total/NA	Solid	8015B NM	61193
880-32572-72	SW-15 (3.5')	Total/NA	Solid	8015B NM	61193
880-32572-73	SW-16 (2')	Total/NA	Solid	8015B NM	61193
880-32572-74	SW-17 (1')	Total/NA	Solid	8015B NM	61193
880-32572-75	SW-18 (1')	Total/NA	Solid	8015B NM	61193
880-32572-76	SW-19 (0.5')	Total/NA	Solid	8015B NM	61193
880-32572-77	SW-20 (0.5')	Total/NA	Solid	8015B NM	61193
MB 880-61192/1-A	Method Blank	Total/NA	Solid	8015B NM	61192
MB 880-61193/1-A	Method Blank	Total/NA	Solid	8015B NM	61193
LCS 880-61192/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	61192
LCS 880-61193/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	61193
LCSD 880-61192/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	61192
LCSD 880-61193/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	61193
880-32572-41 MS	CS-41 (3.5')	Total/NA	Solid	8015B NM	61192
880-32572-41 MSD	CS-41 (3.5')	Total/NA	Solid	8015B NM	61192
880-32572-61 MS	SW-4 (1.5')	Total/NA	Solid	8015B NM	61193
880-32572-61 MSD	SW-4 (1.5')	Total/NA	Solid	8015B NM	61193

Analysis Batch: 61380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-1	CS-1 (2')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 61380 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-2	CS-2 (2')	Total/NA	Solid	8015 NM	
880-32572-3	CS-3 (2')	Total/NA	Solid	8015 NM	
880-32572-4	CS-4 (2')	Total/NA	Solid	8015 NM	
880-32572-5	CS-5 (2')	Total/NA	Solid	8015 NM	
880-32572-6	CS-6 (2')	Total/NA	Solid	8015 NM	
880-32572-7	CS-7 (1.5')	Total/NA	Solid	8015 NM	
880-32572-8	CS-8 (1.5')	Total/NA	Solid	8015 NM	
880-32572-9	CS-9 (1.5')	Total/NA	Solid	8015 NM	
880-32572-10	CS-10 (1.5')	Total/NA	Solid	8015 NM	
880-32572-11	CS-11 (1.5')	Total/NA	Solid	8015 NM	
880-32572-12	CS-12 (1.5')	Total/NA	Solid	8015 NM	
880-32572-13	CS-13 (1.5')	Total/NA	Solid	8015 NM	
880-32572-14	CS-14 (4')	Total/NA	Solid	8015 NM	
880-32572-15	CS-15 (4')	Total/NA	Solid	8015 NM	
880-32572-16	CS-16 (4')	Total/NA	Solid	8015 NM	
880-32572-17	CS-17 (4')	Total/NA	Solid	8015 NM	
880-32572-18	CS-18 (4')	Total/NA	Solid	8015 NM	
880-32572-19	CS-19 (4')	Total/NA	Solid	8015 NM	
880-32572-20	CS-20 (4')	Total/NA	Solid	8015 NM	
880-32572-21	CS-21 (4')	Total/NA	Solid	8015 NM	
880-32572-22	CS-22 (3.5')	Total/NA	Solid	8015 NM	
880-32572-23	CS-23 (3.5')	Total/NA	Solid	8015 NM	
880-32572-24	CS-24 (3.5')	Total/NA	Solid	8015 NM	
880-32572-25	CS-25 (3.5')	Total/NA	Solid	8015 NM	
880-32572-26	CS-26 (3.5')	Total/NA	Solid	8015 NM	
880-32572-27	CS-27 (3.5')	Total/NA	Solid	8015 NM	
880-32572-28	CS-28 (3.5')	Total/NA	Solid	8015 NM	
880-32572-29	CS-29 (3.5')	Total/NA	Solid	8015 NM	
880-32572-30	CS-30 (3.5')	Total/NA	Solid	8015 NM	
880-32572-31	CS-31 (3.5')	Total/NA	Solid	8015 NM	
880-32572-32	CS-32 (3.5')	Total/NA	Solid	8015 NM	
880-32572-33	CS-33 (3.5')	Total/NA	Solid	8015 NM	
880-32572-34	CS-34 (3.5')	Total/NA	Solid	8015 NM	
880-32572-35	CS-35 (3.5')	Total/NA	Solid	8015 NM	
880-32572-36	CS-36 (3.5')	Total/NA	Solid	8015 NM	
880-32572-37	CS-37 (3.5')	Total/NA	Solid	8015 NM	
880-32572-38	CS-38 (3.5')	Total/NA	Solid	8015 NM	
880-32572-39	CS-39 (3.5')	Total/NA	Solid	8015 NM	
880-32572-40	CS-40 (3.5')	Total/NA	Solid	8015 NM	
880-32572-41	CS-41 (3.5')	Total/NA	Solid	8015 NM	
880-32572-42	CS-42 (3.5')	Total/NA	Solid	8015 NM	
880-32572-43	CS-43 (3.5')	Total/NA	Solid	8015 NM	
880-32572-44	CS-44 (3.5')	Total/NA	Solid	8015 NM	
880-32572-45	CS-45 (3.5')	Total/NA	Solid	8015 NM	
880-32572-46	CS-46 (1')	Total/NA	Solid	8015 NM	
880-32572-47	CS-47 (1')	Total/NA	Solid	8015 NM	
880-32572-48	CS-48 (1')	Total/NA	Solid	8015 NM	
880-32572-49	CS-49 (1')	Total/NA	Solid	8015 NM	
880-32572-50	CS-50 (1')	Total/NA	Solid	8015 NM	
880-32572-51	CS-51 (1')	Total/NA	Solid	8015 NM	
880-32572-52	CS-52 (0.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 61380 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-53	CS-53 (0.5')	Total/NA	Solid	8015 NM	
880-32572-54	CS-54 (0.5')	Total/NA	Solid	8015 NM	
880-32572-55	CS-55 (0.5')	Total/NA	Solid	8015 NM	
880-32572-56	CS-56 (0.5')	Total/NA	Solid	8015 NM	
880-32572-57	CS-57 (0.5')	Total/NA	Solid	8015 NM	
880-32572-58	SW-1 (2')	Total/NA	Solid	8015 NM	
880-32572-59	SW-2 (2')	Total/NA	Solid	8015 NM	
880-32572-60	SW-3 (2')	Total/NA	Solid	8015 NM	
880-32572-61	SW-4 (1.5')	Total/NA	Solid	8015 NM	
880-32572-62	SW-5 (1.5')	Total/NA	Solid	8015 NM	
880-32572-63	SW-6 (1.5')	Total/NA	Solid	8015 NM	
880-32572-64	SW-7 (2')	Total/NA	Solid	8015 NM	
880-32572-65	SW-8 (3.5')	Total/NA	Solid	8015 NM	
880-32572-66	SW-9 (3.5')	Total/NA	Solid	8015 NM	
880-32572-67	SW-10 (3.5')	Total/NA	Solid	8015 NM	
880-32572-68	SW-11 (3.5')	Total/NA	Solid	8015 NM	
880-32572-69	SW-12 (3.5')	Total/NA	Solid	8015 NM	
880-32572-70	SW-13 (3.5')	Total/NA	Solid	8015 NM	
880-32572-71	SW-14 (4')	Total/NA	Solid	8015 NM	
880-32572-72	SW-15 (3.5')	Total/NA	Solid	8015 NM	
880-32572-73	SW-16 (2')	Total/NA	Solid	8015 NM	
880-32572-74	SW-17 (1')	Total/NA	Solid	8015 NM	
880-32572-75	SW-18 (1')	Total/NA	Solid	8015 NM	
880-32572-76	SW-19 (0.5')	Total/NA	Solid	8015 NM	
880-32572-77	SW-20 (0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 61154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-28	CS-28 (3.5')	Soluble	Solid	DI Leach	
880-32572-29	CS-29 (3.5')	Soluble	Solid	DI Leach	
880-32572-30	CS-30 (3.5')	Soluble	Solid	DI Leach	
880-32572-31	CS-31 (3.5')	Soluble	Solid	DI Leach	
880-32572-32	CS-32 (3.5')	Soluble	Solid	DI Leach	
880-32572-33	CS-33 (3.5')	Soluble	Solid	DI Leach	
880-32572-34	CS-34 (3.5')	Soluble	Solid	DI Leach	
880-32572-35	CS-35 (3.5')	Soluble	Solid	DI Leach	
880-32572-36	CS-36 (3.5')	Soluble	Solid	DI Leach	
880-32572-37	CS-37 (3.5')	Soluble	Solid	DI Leach	
880-32572-38	CS-38 (3.5')	Soluble	Solid	DI Leach	
880-32572-39	CS-39 (3.5')	Soluble	Solid	DI Leach	
880-32572-40	CS-40 (3.5')	Soluble	Solid	DI Leach	
MB 880-61154/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-61154/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-61154/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-32572-28 MS	CS-28 (3.5')	Soluble	Solid	DI Leach	
880-32572-28 MSD	CS-28 (3.5')	Soluble	Solid	DI Leach	
880-32572-38 MS	CS-38 (3.5')	Soluble	Solid	DI Leach	
880-32572-38 MSD	CS-38 (3.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

HPLC/IC

Leach Batch: 61155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-1	CS-1 (2')	Soluble	Solid	DI Leach	
880-32572-2	CS-2 (2')	Soluble	Solid	DI Leach	
880-32572-3	CS-3 (2')	Soluble	Solid	DI Leach	
880-32572-4	CS-4 (2')	Soluble	Solid	DI Leach	
880-32572-5	CS-5 (2')	Soluble	Solid	DI Leach	
880-32572-6	CS-6 (2')	Soluble	Solid	DI Leach	
880-32572-7	CS-7 (1.5')	Soluble	Solid	DI Leach	
MB 880-61155/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-61155/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-61155/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-32575-A-3-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-32575-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 61156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-8	CS-8 (1.5')	Soluble	Solid	DI Leach	
880-32572-9	CS-9 (1.5')	Soluble	Solid	DI Leach	
880-32572-10	CS-10 (1.5')	Soluble	Solid	DI Leach	
880-32572-11	CS-11 (1.5')	Soluble	Solid	DI Leach	
880-32572-12	CS-12 (1.5')	Soluble	Solid	DI Leach	
880-32572-13	CS-13 (1.5')	Soluble	Solid	DI Leach	
880-32572-14	CS-14 (4')	Soluble	Solid	DI Leach	
880-32572-15	CS-15 (4')	Soluble	Solid	DI Leach	
880-32572-16	CS-16 (4')	Soluble	Solid	DI Leach	
880-32572-17	CS-17 (4')	Soluble	Solid	DI Leach	
880-32572-18	CS-18 (4')	Soluble	Solid	DI Leach	
880-32572-19	CS-19 (4')	Soluble	Solid	DI Leach	
880-32572-20	CS-20 (4')	Soluble	Solid	DI Leach	
880-32572-21	CS-21 (4')	Soluble	Solid	DI Leach	
880-32572-22	CS-22 (3.5')	Soluble	Solid	DI Leach	
880-32572-23	CS-23 (3.5')	Soluble	Solid	DI Leach	
880-32572-24	CS-24 (3.5')	Soluble	Solid	DI Leach	
880-32572-25	CS-25 (3.5')	Soluble	Solid	DI Leach	
880-32572-26	CS-26 (3.5')	Soluble	Solid	DI Leach	
880-32572-27	CS-27 (3.5')	Soluble	Solid	DI Leach	
MB 880-61156/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-61156/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-61156/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-32572-8 MS	CS-8 (1.5')	Soluble	Solid	DI Leach	
880-32572-8 MSD	CS-8 (1.5')	Soluble	Solid	DI Leach	
880-32572-18 MS	CS-18 (4')	Soluble	Solid	DI Leach	
880-32572-18 MSD	CS-18 (4')	Soluble	Solid	DI Leach	

Leach Batch: 61160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-48	CS-48 (1')	Soluble	Solid	DI Leach	
880-32572-49	CS-49 (1')	Soluble	Solid	DI Leach	
880-32572-50	CS-50 (1')	Soluble	Solid	DI Leach	
880-32572-51	CS-51 (1')	Soluble	Solid	DI Leach	
880-32572-52	CS-52 (0.5')	Soluble	Solid	DI Leach	
880-32572-53	CS-53 (0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 61160 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-54	CS-54 (0.5')	Soluble	Solid	DI Leach	
880-32572-55	CS-55 (0.5')	Soluble	Solid	DI Leach	
880-32572-56	CS-56 (0.5')	Soluble	Solid	DI Leach	
880-32572-57	CS-57 (0.5')	Soluble	Solid	DI Leach	
880-32572-58	SW-1 (2')	Soluble	Solid	DI Leach	
880-32572-59	SW-2 (2')	Soluble	Solid	DI Leach	
880-32572-60	SW-3 (2')	Soluble	Solid	DI Leach	
880-32572-61	SW-4 (1.5')	Soluble	Solid	DI Leach	
880-32572-62	SW-5 (1.5')	Soluble	Solid	DI Leach	
880-32572-63	SW-6 (1.5')	Soluble	Solid	DI Leach	
880-32572-64	SW-7 (2')	Soluble	Solid	DI Leach	
880-32572-65	SW-8 (3.5')	Soluble	Solid	DI Leach	
880-32572-66	SW-9 (3.5')	Soluble	Solid	DI Leach	
880-32572-67	SW-10 (3.5')	Soluble	Solid	DI Leach	
MB 880-61160/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-61160/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-61160/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-32572-48 MS	CS-48 (1')	Soluble	Solid	DI Leach	
880-32572-48 MSD	CS-48 (1')	Soluble	Solid	DI Leach	
880-32572-58 MS	SW-1 (2')	Soluble	Solid	DI Leach	
880-32572-58 MSD	SW-1 (2')	Soluble	Solid	DI Leach	

Leach Batch: 61161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-68	SW-11 (3.5')	Soluble	Solid	DI Leach	
880-32572-69	SW-12 (3.5')	Soluble	Solid	DI Leach	
880-32572-70	SW-13 (3.5')	Soluble	Solid	DI Leach	
880-32572-71	SW-14 (4')	Soluble	Solid	DI Leach	
880-32572-72	SW-15 (3.5')	Soluble	Solid	DI Leach	
880-32572-73	SW-16 (2')	Soluble	Solid	DI Leach	
880-32572-74	SW-17 (1')	Soluble	Solid	DI Leach	
880-32572-75	SW-18 (1')	Soluble	Solid	DI Leach	
880-32572-76	SW-19 (0.5')	Soluble	Solid	DI Leach	
880-32572-77	SW-20 (0.5')	Soluble	Solid	DI Leach	
MB 880-61161/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-61161/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-61161/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-32572-68 MS	SW-11 (3.5')	Soluble	Solid	DI Leach	
880-32572-68 MSD	SW-11 (3.5')	Soluble	Solid	DI Leach	

Analysis Batch: 61189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-1	CS-1 (2')	Soluble	Solid	300.0	61155
880-32572-2	CS-2 (2')	Soluble	Solid	300.0	61155
880-32572-3	CS-3 (2')	Soluble	Solid	300.0	61155
880-32572-4	CS-4 (2')	Soluble	Solid	300.0	61155
880-32572-5	CS-5 (2')	Soluble	Solid	300.0	61155
880-32572-6	CS-6 (2')	Soluble	Solid	300.0	61155
880-32572-7	CS-7 (1.5')	Soluble	Solid	300.0	61155
MB 880-61155/1-A	Method Blank	Soluble	Solid	300.0	61155
LCS 880-61155/2-A	Lab Control Sample	Soluble	Solid	300.0	61155

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 61189 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-61155/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	61155
880-32575-A-3-B MS	Matrix Spike	Soluble	Solid	300.0	61155
880-32575-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	61155

Analysis Batch: 61198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-8	CS-8 (1.5')	Soluble	Solid	300.0	61156
880-32572-9	CS-9 (1.5')	Soluble	Solid	300.0	61156
880-32572-10	CS-10 (1.5')	Soluble	Solid	300.0	61156
880-32572-11	CS-11 (1.5')	Soluble	Solid	300.0	61156
880-32572-12	CS-12 (1.5')	Soluble	Solid	300.0	61156
880-32572-13	CS-13 (1.5')	Soluble	Solid	300.0	61156
880-32572-14	CS-14 (4')	Soluble	Solid	300.0	61156
880-32572-15	CS-15 (4')	Soluble	Solid	300.0	61156
880-32572-16	CS-16 (4')	Soluble	Solid	300.0	61156
880-32572-17	CS-17 (4')	Soluble	Solid	300.0	61156
880-32572-18	CS-18 (4')	Soluble	Solid	300.0	61156
880-32572-19	CS-19 (4')	Soluble	Solid	300.0	61156
880-32572-20	CS-20 (4')	Soluble	Solid	300.0	61156
880-32572-21	CS-21 (4')	Soluble	Solid	300.0	61156
880-32572-22	CS-22 (3.5')	Soluble	Solid	300.0	61156
880-32572-23	CS-23 (3.5')	Soluble	Solid	300.0	61156
880-32572-24	CS-24 (3.5')	Soluble	Solid	300.0	61156
880-32572-25	CS-25 (3.5')	Soluble	Solid	300.0	61156
880-32572-26	CS-26 (3.5')	Soluble	Solid	300.0	61156
880-32572-27	CS-27 (3.5')	Soluble	Solid	300.0	61156
MB 880-61156/1-A	Method Blank	Soluble	Solid	300.0	61156
LCS 880-61156/2-A	Lab Control Sample	Soluble	Solid	300.0	61156
LCSD 880-61156/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	61156
880-32572-8 MS	CS-8 (1.5')	Soluble	Solid	300.0	61156
880-32572-8 MSD	CS-8 (1.5')	Soluble	Solid	300.0	61156
880-32572-18 MS	CS-18 (4')	Soluble	Solid	300.0	61156
880-32572-18 MSD	CS-18 (4')	Soluble	Solid	300.0	61156

Analysis Batch: 61227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-28	CS-28 (3.5')	Soluble	Solid	300.0	61154
880-32572-29	CS-29 (3.5')	Soluble	Solid	300.0	61154
880-32572-30	CS-30 (3.5')	Soluble	Solid	300.0	61154
880-32572-31	CS-31 (3.5')	Soluble	Solid	300.0	61154
880-32572-32	CS-32 (3.5')	Soluble	Solid	300.0	61154
880-32572-33	CS-33 (3.5')	Soluble	Solid	300.0	61154
880-32572-34	CS-34 (3.5')	Soluble	Solid	300.0	61154
880-32572-35	CS-35 (3.5')	Soluble	Solid	300.0	61154
880-32572-36	CS-36 (3.5')	Soluble	Solid	300.0	61154
880-32572-37	CS-37 (3.5')	Soluble	Solid	300.0	61154
880-32572-38	CS-38 (3.5')	Soluble	Solid	300.0	61154
880-32572-39	CS-39 (3.5')	Soluble	Solid	300.0	61154
880-32572-40	CS-40 (3.5')	Soluble	Solid	300.0	61154
MB 880-61154/1-A	Method Blank	Soluble	Solid	300.0	61154
LCS 880-61154/2-A	Lab Control Sample	Soluble	Solid	300.0	61154

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QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 61227 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-61154/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	61154
880-32572-28 MS	CS-28 (3.5')	Soluble	Solid	300.0	61154
880-32572-28 MSD	CS-28 (3.5')	Soluble	Solid	300.0	61154
880-32572-38 MS	CS-38 (3.5')	Soluble	Solid	300.0	61154
880-32572-38 MSD	CS-38 (3.5')	Soluble	Solid	300.0	61154

Analysis Batch: 61228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-48	CS-48 (1')	Soluble	Solid	300.0	61160
880-32572-49	CS-49 (1')	Soluble	Solid	300.0	61160
880-32572-50	CS-50 (1')	Soluble	Solid	300.0	61160
880-32572-51	CS-51 (1')	Soluble	Solid	300.0	61160
880-32572-52	CS-52 (0.5')	Soluble	Solid	300.0	61160
880-32572-53	CS-53 (0.5')	Soluble	Solid	300.0	61160
880-32572-54	CS-54 (0.5')	Soluble	Solid	300.0	61160
880-32572-55	CS-55 (0.5')	Soluble	Solid	300.0	61160
880-32572-56	CS-56 (0.5')	Soluble	Solid	300.0	61160
880-32572-57	CS-57 (0.5')	Soluble	Solid	300.0	61160
880-32572-58	SW-1 (2')	Soluble	Solid	300.0	61160
880-32572-59	SW-2 (2')	Soluble	Solid	300.0	61160
880-32572-60	SW-3 (2')	Soluble	Solid	300.0	61160
880-32572-61	SW-4 (1.5')	Soluble	Solid	300.0	61160
880-32572-62	SW-5 (1.5')	Soluble	Solid	300.0	61160
880-32572-63	SW-6 (1.5')	Soluble	Solid	300.0	61160
880-32572-64	SW-7 (2')	Soluble	Solid	300.0	61160
880-32572-65	SW-8 (3.5')	Soluble	Solid	300.0	61160
880-32572-66	SW-9 (3.5')	Soluble	Solid	300.0	61160
880-32572-67	SW-10 (3.5')	Soluble	Solid	300.0	61160
MB 880-61160/1-A	Method Blank	Soluble	Solid	300.0	61160
LCS 880-61160/2-A	Lab Control Sample	Soluble	Solid	300.0	61160
LCSD 880-61160/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	61160
880-32572-48 MS	CS-48 (1')	Soluble	Solid	300.0	61160
880-32572-48 MSD	CS-48 (1')	Soluble	Solid	300.0	61160
880-32572-58 MS	SW-1 (2')	Soluble	Solid	300.0	61160
880-32572-58 MSD	SW-1 (2')	Soluble	Solid	300.0	61160

Analysis Batch: 61229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-68	SW-11 (3.5')	Soluble	Solid	300.0	61161
880-32572-69	SW-12 (3.5')	Soluble	Solid	300.0	61161
880-32572-70	SW-13 (3.5')	Soluble	Solid	300.0	61161
880-32572-71	SW-14 (4')	Soluble	Solid	300.0	61161
880-32572-72	SW-15 (3.5')	Soluble	Solid	300.0	61161
880-32572-73	SW-16 (2')	Soluble	Solid	300.0	61161
880-32572-74	SW-17 (1')	Soluble	Solid	300.0	61161
880-32572-75	SW-18 (1')	Soluble	Solid	300.0	61161
880-32572-76	SW-19 (0.5')	Soluble	Solid	300.0	61161
880-32572-77	SW-20 (0.5')	Soluble	Solid	300.0	61161
MB 880-61161/1-A	Method Blank	Soluble	Solid	300.0	61161
LCS 880-61161/2-A	Lab Control Sample	Soluble	Solid	300.0	61161
LCSD 880-61161/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	61161

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 61229 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-68 MS	SW-11 (3.5')	Soluble	Solid	300.0	61161
880-32572-68 MSD	SW-11 (3.5')	Soluble	Solid	300.0	61161

Leach Batch: 61254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-41	CS-41 (3.5')	Soluble	Solid	DI Leach	
880-32572-42	CS-42 (3.5')	Soluble	Solid	DI Leach	
880-32572-43	CS-43 (3.5')	Soluble	Solid	DI Leach	
880-32572-44	CS-44 (3.5')	Soluble	Solid	DI Leach	
880-32572-45	CS-45 (3.5')	Soluble	Solid	DI Leach	
880-32572-46	CS-46 (1')	Soluble	Solid	DI Leach	
880-32572-47	CS-47 (1')	Soluble	Solid	DI Leach	
MB 880-61254/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-61254/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-61254/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-32572-41 MS	CS-41 (3.5')	Soluble	Solid	DI Leach	
880-32572-41 MSD	CS-41 (3.5')	Soluble	Solid	DI Leach	

Analysis Batch: 61258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-32572-41	CS-41 (3.5')	Soluble	Solid	300.0	61254
880-32572-42	CS-42 (3.5')	Soluble	Solid	300.0	61254
880-32572-43	CS-43 (3.5')	Soluble	Solid	300.0	61254
880-32572-44	CS-44 (3.5')	Soluble	Solid	300.0	61254
880-32572-45	CS-45 (3.5')	Soluble	Solid	300.0	61254
880-32572-46	CS-46 (1')	Soluble	Solid	300.0	61254
880-32572-47	CS-47 (1')	Soluble	Solid	300.0	61254
MB 880-61254/1-A	Method Blank	Soluble	Solid	300.0	61254
LCS 880-61254/2-A	Lab Control Sample	Soluble	Solid	300.0	61254
LCSD 880-61254/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	61254
880-32572-41 MS	CS-41 (3.5')	Soluble	Solid	300.0	61254
880-32572-41 MSD	CS-41 (3.5')	Soluble	Solid	300.0	61254

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (2')

Lab Sample ID: 880-32572-1

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 16:50	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 11:31	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	61155	08/25/23 15:40	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61189	08/26/23 15:24	CH	EET MID

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-32572-2

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 17:10	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 12:38	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	61155	08/25/23 15:40	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61189	08/26/23 15:35	CH	EET MID

Client Sample ID: CS-3 (2')

Lab Sample ID: 880-32572-3

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 17:31	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 13:00	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	61155	08/25/23 15:40	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61189	08/26/23 15:46	CH	EET MID

Client Sample ID: CS-4 (2')

Lab Sample ID: 880-32572-4

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 17:52	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-4 (2')

Lab Sample ID: 880-32572-4

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 13:22	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	61155	08/25/23 15:40	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61189	08/26/23 15:58	CH	EET MID

Client Sample ID: CS-5 (2')

Lab Sample ID: 880-32572-5

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 18:13	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 13:44	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	61155	08/25/23 15:40	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61189	08/26/23 16:09	CH	EET MID

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-32572-6

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 18:33	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 14:06	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	61155	08/25/23 15:40	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61189	08/26/23 16:20	CH	EET MID

Client Sample ID: CS-7 (1.5')

Lab Sample ID: 880-32572-7

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 18:54	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 14:28	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (1.5')

Lab Sample ID: 880-32572-7

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61155	08/25/23 15:40	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61189	08/26/23 16:31	CH	EET MID

Client Sample ID: CS-8 (1.5')

Lab Sample ID: 880-32572-8

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 19:15	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 14:51	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 12:38	CH	EET MID

Client Sample ID: CS-9 (1.5')

Lab Sample ID: 880-32572-9

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 19:35	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 15:14	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 12:57	CH	EET MID

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-32572-10

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 19:56	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 15:37	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 13:04	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (1.5')

Lab Sample ID: 880-32572-11

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 21:19	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 16:22	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 13:11	CH	EET MID

Client Sample ID: CS-12 (1.5')

Lab Sample ID: 880-32572-12

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 21:40	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 16:45	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 13:17	CH	EET MID

Client Sample ID: CS-13 (1.5')

Lab Sample ID: 880-32572-13

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 22:00	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 17:07	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 13:37	CH	EET MID

Client Sample ID: CS-14 (4')

Lab Sample ID: 880-32572-14

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 22:21	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (4')

Lab Sample ID: 880-32572-14

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 17:29	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 13:44	CH	EET MID

Client Sample ID: CS-15 (4')

Lab Sample ID: 880-32572-15

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 22:42	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 17:52	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 13:51	CH	EET MID

Client Sample ID: CS-16 (4')

Lab Sample ID: 880-32572-16

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 23:02	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 18:14	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 13:58	CH	EET MID

Client Sample ID: CS-17 (4')

Lab Sample ID: 880-32572-17

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 23:23	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 18:36	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17 (4')

Lab Sample ID: 880-32572-17

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 14:04	CH	EET MID

Client Sample ID: CS-18 (4')

Lab Sample ID: 880-32572-18

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/26/23 23:44	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 18:58	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 14:11	CH	EET MID

Client Sample ID: CS-19 (4')

Lab Sample ID: 880-32572-19

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/27/23 00:04	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 19:21	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 14:31	CH	EET MID

Client Sample ID: CS-20 (4')

Lab Sample ID: 880-32572-20

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61201	08/26/23 14:28	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61200	08/27/23 00:25	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	61190	08/26/23 10:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 19:43	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 14:37	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-21 (4')

Lab Sample ID: 880-32572-21

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 12:06	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 21:36	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 14:57	CH	EET MID

Client Sample ID: CS-22 (3.5')

Lab Sample ID: 880-32572-22

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 12:27	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 22:41	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 15:04	CH	EET MID

Client Sample ID: CS-23 (3.5')

Lab Sample ID: 880-32572-23

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 12:48	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 23:02	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 15:11	CH	EET MID

Client Sample ID: CS-24 (3.5')

Lab Sample ID: 880-32572-24

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 13:09	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-24 (3.5')

Lab Sample ID: 880-32572-24

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 23:24	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 15:17	CH	EET MID

Client Sample ID: CS-25 (3.5')

Lab Sample ID: 880-32572-25

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 13:29	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/27/23 23:45	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 15:24	CH	EET MID

Client Sample ID: CS-26 (3.5')

Lab Sample ID: 880-32572-26

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 13:50	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/28/23 00:06	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 15:31	CH	EET MID

Client Sample ID: CS-27 (3.5')

Lab Sample ID: 880-32572-27

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 14:11	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/28/23 00:28	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-27 (3.5')

Lab Sample ID: 880-32572-27

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61156	08/25/23 15:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61198	08/26/23 15:37	CH	EET MID

Client Sample ID: CS-28 (3.5')

Lab Sample ID: 880-32572-28

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 14:32	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/28/23 00:49	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	61154	08/25/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61227	08/27/23 11:23	CH	EET MID

Client Sample ID: CS-29 (3.5')

Lab Sample ID: 880-32572-29

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 14:53	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/28/23 01:10	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	61154	08/25/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61227	08/27/23 11:43	CH	EET MID

Client Sample ID: CS-30 (3.5')

Lab Sample ID: 880-32572-30

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 15:13	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/28/23 01:31	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	61154	08/25/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61227	08/27/23 11:50	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-31 (3.5')

Lab Sample ID: 880-32572-31

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 17:00	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/28/23 02:15	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	61154	08/25/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61227	08/27/23 11:56	CH	EET MID

Client Sample ID: CS-32 (3.5')

Lab Sample ID: 880-32572-32

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 17:21	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/28/23 02:36	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	61154	08/25/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61227	08/27/23 12:03	CH	EET MID

Client Sample ID: CS-33 (3.5')

Lab Sample ID: 880-32572-33

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 17:42	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/28/23 02:57	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	61154	08/25/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61227	08/27/23 12:23	CH	EET MID

Client Sample ID: CS-34 (3.5')

Lab Sample ID: 880-32572-34

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 18:02	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-34 (3.5')

Lab Sample ID: 880-32572-34

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/28/23 03:19	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	61154	08/25/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61227	08/27/23 12:30	CH	EET MID

Client Sample ID: CS-35 (3.5')

Lab Sample ID: 880-32572-35

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 18:23	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/28/23 03:40	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	61154	08/25/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61227	08/27/23 12:36	CH	EET MID

Client Sample ID: CS-36 (3.5')

Lab Sample ID: 880-32572-36

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 18:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/28/23 04:02	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	61154	08/25/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61227	08/27/23 12:43	CH	EET MID

Client Sample ID: CS-37 (3.5')

Lab Sample ID: 880-32572-37

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 19:05	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/28/23 04:23	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-37 (3.5')

Date Collected: 08/24/23 00:00

Date Received: 08/25/23 15:22

Lab Sample ID: 880-32572-37

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			5.02 g	50 mL	61154	08/25/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61227	08/27/23 12:50	CH	EET MID

Client Sample ID: CS-38 (3.5')

Date Collected: 08/24/23 00:00

Date Received: 08/25/23 15:22

Lab Sample ID: 880-32572-38

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	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 19:26	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/28/23 04:44	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	61154	08/25/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61227	08/27/23 12:56	CH	EET MID

Client Sample ID: CS-39 (3.5')

Date Collected: 08/24/23 00:00

Date Received: 08/25/23 15:22

Lab Sample ID: 880-32572-39

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			5.03 g	5 mL	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 19:46	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/28/23 05:06	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	61154	08/25/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61227	08/27/23 13:16	CH	EET MID

Client Sample ID: CS-40 (3.5')

Date Collected: 08/24/23 00:00

Date Received: 08/25/23 15:22

Lab Sample ID: 880-32572-40

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			5.00 g	5 mL	61202	08/26/23 14:31	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61245	08/28/23 20:07	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 22:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	61191	08/26/23 10:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61221	08/28/23 05:27	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	61154	08/25/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61227	08/27/23 13:23	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-41 (3.5')

Lab Sample ID: 880-32572-41

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 16:52	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 11:31	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	61254	08/28/23 09:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61258	08/28/23 11:41	CH	EET MID

Client Sample ID: CS-42 (3.5')

Lab Sample ID: 880-32572-42

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 17:13	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 12:38	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	61254	08/28/23 09:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61258	08/28/23 12:03	CH	EET MID

Client Sample ID: CS-43 (3.5')

Lab Sample ID: 880-32572-43

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 17:33	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 13:00	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	61254	08/28/23 09:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61258	08/28/23 12:11	CH	EET MID

Client Sample ID: CS-44 (3.5')

Lab Sample ID: 880-32572-44

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 17:54	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-44 (3.5')

Lab Sample ID: 880-32572-44

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 13:22	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	61254	08/28/23 09:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61258	08/28/23 12:18	CH	EET MID

Client Sample ID: CS-45 (3.5')

Lab Sample ID: 880-32572-45

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 18:14	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 13:44	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	61254	08/28/23 09:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61258	08/28/23 12:25	CH	EET MID

Client Sample ID: CS-46 (1')

Lab Sample ID: 880-32572-46

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 18:35	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 14:06	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	61254	08/28/23 09:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61258	08/28/23 12:48	CH	EET MID

Client Sample ID: CS-47 (1')

Lab Sample ID: 880-32572-47

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 18:55	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 14:28	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-47 (1')

Lab Sample ID: 880-32572-47

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61254	08/28/23 09:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61258	08/28/23 12:55	CH	EET MID

Client Sample ID: CS-48 (1')

Lab Sample ID: 880-32572-48

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 19:16	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 14:51	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 09:36	CH	EET MID

Client Sample ID: CS-49 (1')

Lab Sample ID: 880-32572-49

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 19:36	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 15:14	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 09:57	CH	EET MID

Client Sample ID: CS-50 (1')

Lab Sample ID: 880-32572-50

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 19:57	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 15:37	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 10:04	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-51 (1')

Lab Sample ID: 880-32572-51

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 21:19	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 16:22	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 10:12	CH	EET MID

Client Sample ID: CS-52 (0.5')

Lab Sample ID: 880-32572-52

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 21:40	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 16:45	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 10:19	CH	EET MID

Client Sample ID: CS-53 (0.5')

Lab Sample ID: 880-32572-53

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 22:00	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 17:07	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 10:40	CH	EET MID

Client Sample ID: CS-54 (0.5')

Lab Sample ID: 880-32572-54

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 22:21	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-54 (0.5')

Lab Sample ID: 880-32572-54

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 17:29	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 10:47	CH	EET MID

Client Sample ID: CS-55 (0.5')

Lab Sample ID: 880-32572-55

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 22:41	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 17:52	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 10:55	CH	EET MID

Client Sample ID: CS-56 (0.5')

Lab Sample ID: 880-32572-56

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 23:02	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 18:14	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 11:02	CH	EET MID

Client Sample ID: CS-57 (0.5')

Lab Sample ID: 880-32572-57

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 23:22	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 18:36	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: CS-57 (0.5')

Date Collected: 08/24/23 00:00

Date Received: 08/25/23 15:22

Lab Sample ID: 880-32572-57

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			4.95 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 11:09	CH	EET MID

Client Sample ID: SW-1 (2')

Date Collected: 08/24/23 00:00

Date Received: 08/25/23 15:22

Lab Sample ID: 880-32572-58

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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/26/23 23:42	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 18:58	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 11:16	CH	EET MID

Client Sample ID: SW-2 (2')

Date Collected: 08/24/23 00:00

Date Received: 08/25/23 15:22

Lab Sample ID: 880-32572-59

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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 00:03	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 19:21	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 11:37	CH	EET MID

Client Sample ID: SW-3 (2')

Date Collected: 08/24/23 00:00

Date Received: 08/25/23 15:22

Lab Sample ID: 880-32572-60

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	61203	08/26/23 14:34	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 00:23	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	61192	08/26/23 10:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 19:43	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 11:45	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-4 (1.5')

Lab Sample ID: 880-32572-61

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61204	08/26/23 14:36	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 03:26	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	61193	08/26/23 10:54	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 21:36	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 12:06	CH	EET MID

Client Sample ID: SW-5 (1.5')

Lab Sample ID: 880-32572-62

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61204	08/26/23 14:36	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 03:47	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	61193	08/26/23 10:54	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 22:41	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 12:13	CH	EET MID

Client Sample ID: SW-6 (1.5')

Lab Sample ID: 880-32572-63

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61204	08/26/23 14:36	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 04:07	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	61193	08/26/23 10:54	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 23:02	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 12:20	CH	EET MID

Client Sample ID: SW-7 (2')

Lab Sample ID: 880-32572-64

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61204	08/26/23 14:36	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 04:28	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-7 (2')

Lab Sample ID: 880-32572-64

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	61193	08/26/23 10:54	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 23:24	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 12:28	CH	EET MID

Client Sample ID: SW-8 (3.5')

Lab Sample ID: 880-32572-65

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61204	08/26/23 14:36	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 04:48	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	61193	08/26/23 10:54	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/27/23 23:45	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 12:35	CH	EET MID

Client Sample ID: SW-9 (3.5')

Lab Sample ID: 880-32572-66

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61204	08/26/23 14:36	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 05:08	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	61193	08/26/23 10:54	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/28/23 00:06	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 12:42	CH	EET MID

Client Sample ID: SW-10 (3.5')

Lab Sample ID: 880-32572-67

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61204	08/26/23 14:36	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 05:29	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	61193	08/26/23 10:54	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/28/23 00:28	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-10 (3.5')

Lab Sample ID: 880-32572-67

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61160	08/25/23 17:02	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61228	08/28/23 12:49	CH	EET MID

Client Sample ID: SW-11 (3.5')

Lab Sample ID: 880-32572-68

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61204	08/26/23 14:36	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 05:49	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	61193	08/26/23 10:54	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/28/23 00:49	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	61161	08/25/23 17:03	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61229	08/27/23 12:35	CH	EET MID

Client Sample ID: SW-12 (3.5')

Lab Sample ID: 880-32572-69

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61204	08/26/23 14:36	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 06:10	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	61193	08/26/23 10:54	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/28/23 01:10	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	61161	08/25/23 17:03	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61229	08/27/23 13:08	CH	EET MID

Client Sample ID: SW-13 (3.5')

Lab Sample ID: 880-32572-70

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61204	08/26/23 14:36	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 06:30	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	61193	08/26/23 10:54	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/28/23 01:31	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	61161	08/25/23 17:03	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61229	08/27/23 13:20	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-14 (4')

Lab Sample ID: 880-32572-71

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61204	08/26/23 14:36	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 07:53	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	61193	08/26/23 10:54	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/28/23 02:15	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	61161	08/25/23 17:03	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61229	08/27/23 13:31	CH	EET MID

Client Sample ID: SW-15 (3.5')

Lab Sample ID: 880-32572-72

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61204	08/26/23 14:36	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 08:14	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	61193	08/26/23 10:54	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/28/23 02:36	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	61161	08/25/23 17:03	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61229	08/27/23 13:42	CH	EET MID

Client Sample ID: SW-16 (2')

Lab Sample ID: 880-32572-73

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61204	08/26/23 14:36	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 08:34	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	61193	08/26/23 10:54	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/28/23 02:57	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	61161	08/25/23 17:03	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61229	08/27/23 14:15	CH	EET MID

Client Sample ID: SW-17 (1')

Lab Sample ID: 880-32572-74

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61204	08/26/23 14:36	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 08:55	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-17 (1')

Lab Sample ID: 880-32572-74

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	61193	08/26/23 10:54	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/28/23 03:19	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	61161	08/25/23 17:03	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61229	08/27/23 14:27	CH	EET MID

Client Sample ID: SW-18 (1')

Lab Sample ID: 880-32572-75

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

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	61204	08/26/23 14:36	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 09:15	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	61193	08/26/23 10:54	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/28/23 03:40	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	61161	08/25/23 17:03	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61229	08/27/23 14:38	CH	EET MID

Client Sample ID: SW-19 (0.5')

Lab Sample ID: 880-32572-76

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61204	08/26/23 14:36	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 09:36	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	61193	08/26/23 10:54	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/28/23 04:02	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	61161	08/25/23 17:03	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61229	08/27/23 14:49	CH	EET MID

Client Sample ID: SW-20 (0.5')

Lab Sample ID: 880-32572-77

Date Collected: 08/24/23 00:00

Matrix: Solid

Date Received: 08/25/23 15:22

Prep 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	61204	08/26/23 14:36	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	61199	08/27/23 09:56	SM	EET MID
Total/NA	Analysis	Total BTEX		1			61286	08/28/23 11:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			61380	08/28/23 20:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	61193	08/26/23 10:54	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	61224	08/28/23 04:23	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Client Sample ID: SW-20 (0.5')
Date Collected: 08/24/23 00:00
Date Received: 08/25/23 15:22

Lab Sample ID: 880-32572-77
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	61161	08/25/23 17:03	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	61229	08/27/23 15:00	CH	EET MID

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

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-32572-1	CS-1 (2')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-2	CS-2 (2')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-3	CS-3 (2')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-4	CS-4 (2')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-5	CS-5 (2')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-6	CS-6 (2')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-7	CS-7 (1.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-8	CS-8 (1.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-9	CS-9 (1.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-10	CS-10 (1.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-11	CS-11 (1.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-12	CS-12 (1.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-13	CS-13 (1.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-14	CS-14 (4')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-15	CS-15 (4')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-16	CS-16 (4')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-17	CS-17 (4')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-18	CS-18 (4')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-19	CS-19 (4')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-20	CS-20 (4')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-21	CS-21 (4')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-22	CS-22 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-23	CS-23 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-24	CS-24 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-25	CS-25 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-26	CS-26 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-27	CS-27 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-28	CS-28 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-29	CS-29 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-30	CS-30 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-31	CS-31 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-32	CS-32 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-33	CS-33 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-34	CS-34 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-35	CS-35 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-36	CS-36 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-37	CS-37 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-38	CS-38 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-39	CS-39 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-40	CS-40 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-41	CS-41 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-42	CS-42 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-43	CS-43 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-44	CS-44 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-45	CS-45 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-46	CS-46 (1')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-47	CS-47 (1')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-48	CS-48 (1')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-49	CS-49 (1')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-50	CS-50 (1')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-51	CS-51 (1')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-52	CS-52 (0.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-53	CS-53 (0.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-54	CS-54 (0.5')	Solid	08/24/23 00:00	08/25/23 15:22

Sample Summary

Client: Carmona Resources
Project/Site: Wingerd 5 Flowline (06.08.23)

Job ID: 880-32572-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-32572-55	CS-55 (0.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-56	CS-56 (0.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-57	CS-57 (0.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-58	SW-1 (2')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-59	SW-2 (2')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-60	SW-3 (2')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-61	SW-4 (1.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-62	SW-5 (1.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-63	SW-6 (1.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-64	SW-7 (2')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-65	SW-8 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-66	SW-9 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-67	SW-10 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-68	SW-11 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-69	SW-12 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-70	SW-13 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-71	SW-14 (4')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-72	SW-15 (3.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-73	SW-16 (2')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-74	SW-17 (1')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-75	SW-18 (1')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-76	SW-19 (0.5')	Solid	08/24/23 00:00	08/25/23 15:22
880-32572-77	SW-20 (0.5')	Solid	08/24/23 00:00	08/25/23 15:22

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-32572-1

SDG Number: Lea County, New Mexico

Login Number: 32572

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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	

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

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

CONDITIONS

Action 263267

CONDITIONS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 263267
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	12/29/2023