CARMONA RESOURCES

SITE INFORMATION

Closure Report
Bonnie 35 Federal Com 4H (12.28.2025)
Incident ID: NAPP2536451498
Eddy County, New Mexico
Unit O, Sec 35, T25S, R26E
32.079223°, -104.264084°

Point of Release:
A Weld on the Water Dump Line Washed Out Due to Corrosion.
Release Date: 12.28.2025
Volume Released: 2 Barrel of Crude Oil & 37 Barrels of Produced Water
Volume Recovered: 2 Barrel of Crude Oil & 16 Barrels of Produced Water

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Prepared for:
Cimarex Energy Co. of Colorado
6001 Deauville Blvd.
Suite 300N
Midland, Texas 79706

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

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310 West Wall Street, Suite 500
Midland TX, 79701
432.813.1992

CARMONA RESOURCES

April 22, 2026

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

Re: Closure Report
Bonnie 35 Federal Com 4H (12.28.2025)
Incident ID: nAPP2536451498
Cimarex Energy Co. of Colorado
Site Location: Unit N, S35, T25S, R26E
(Lat 32.079223º, Long -104.264084°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of Cimarex Energy Co. of Colorado (Cimarex), Carmona Resources, LLC has prepared this letter to document site activities for the Bonnie 35 Federal Com 4H. The release was reported at 32.079931º, -104.26226º, which is the Bonnie 35 Federal Com 4H wellhead but actually took place at 32.079223°, -104.264084° at the Separator associated with the Bonnie 35 Federal Com 4H well. The release is located within Unit N, S35, T25S, R26E, in Eddy 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 leak was discovered on December 28, 2025, caused by corrosion in a weld on the water dump line of the Bonnie 35 Federal Com 4H Separator. It resulted in approximately two (2) barrels of crude oil and thirty-seven (37) barrels of produced water to be released. two (2) barrels of crude oil and sixteen (16) barrels of produced water were recovered. The impacted area is located on the pad within the containment area. Refer to Figure 3 for a spill overview. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is approximately 2.02 miles Southeast of the site in S12, T26S, R26E and was drilled in 2018. The well has a reported depth to groundwater of 12.60’ 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: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

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4.0 Site Assessment Activities

Initial Soil Assessment

On February 11, 2026, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts. To assess the vertical and horizontal extent, six (6) borehole soil samples and nine (9) horizontal samples were advanced to depths ranging from the surface to 4' bgs until delineation was achieved in each area. See Figure 3 for sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. Refer to Table 1.

Vertical Delineation

The areas of BH-3 were not vertically delineated due to a dense rock layer and were further excavated during remediation activities. Refer to Table 1.

Horizontal Delineation

The horizontal sample points define the edge of the spill area and were below regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

5.0 Remediation Activities

On March 30, 2026, Cimarex roustabout crews began deconstructing production equipment and lined containment areas that were impacted during this spill incident. All production equipment and pipelines were removed and relocated so that oil and gas production can continue while remediation activities took place. During this time, a closure extension was requested and approved by the NMOCD to allow time for the major facility deconstruction that was ongoing and subsequent excavation of contamination onsite. See NMOCD correspondence in Appendix C.

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via web portal on April 2, 2026, and April 9, 2026 per Subsection D of 19.15.29.12 NMAC. See Appendix C. The areas of BH-1 and BH-6 were excavated to a depth of 2.5'-2.75' bgs. The areas of BH-2, BH-4, and BH-5 were excavated to a depth of 1.5'-1.75' bgs. The area of BH-3 was excavated to a depth of 4.5' bgs. A total of forty-six (46) confirmation floor samples (CS-1 through CS-46) and thirty-two (32) sidewall samples (SW-1 through SW-32) were collected every 200 square feet to ensure the proper removal of the contaminated soils. For chemical analysis, the soil samples were collected and placed into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas and Cardinal Laboratories in Hobbs, New Mexico in accordance with established chain-of-custody protocols. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA method 8021B, and Chloride by EPA method 300 and 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The backfill material was sourced from the Fred Beard pit located at 32.162218°,

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-104.316400°. Refer to Table 2. Approximately 8,730 square feet and 930 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the remediation results and the analytical data, no further actions are required at the site. The final C-141 is attached, and Cimarex formally requests closure of the spill. 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

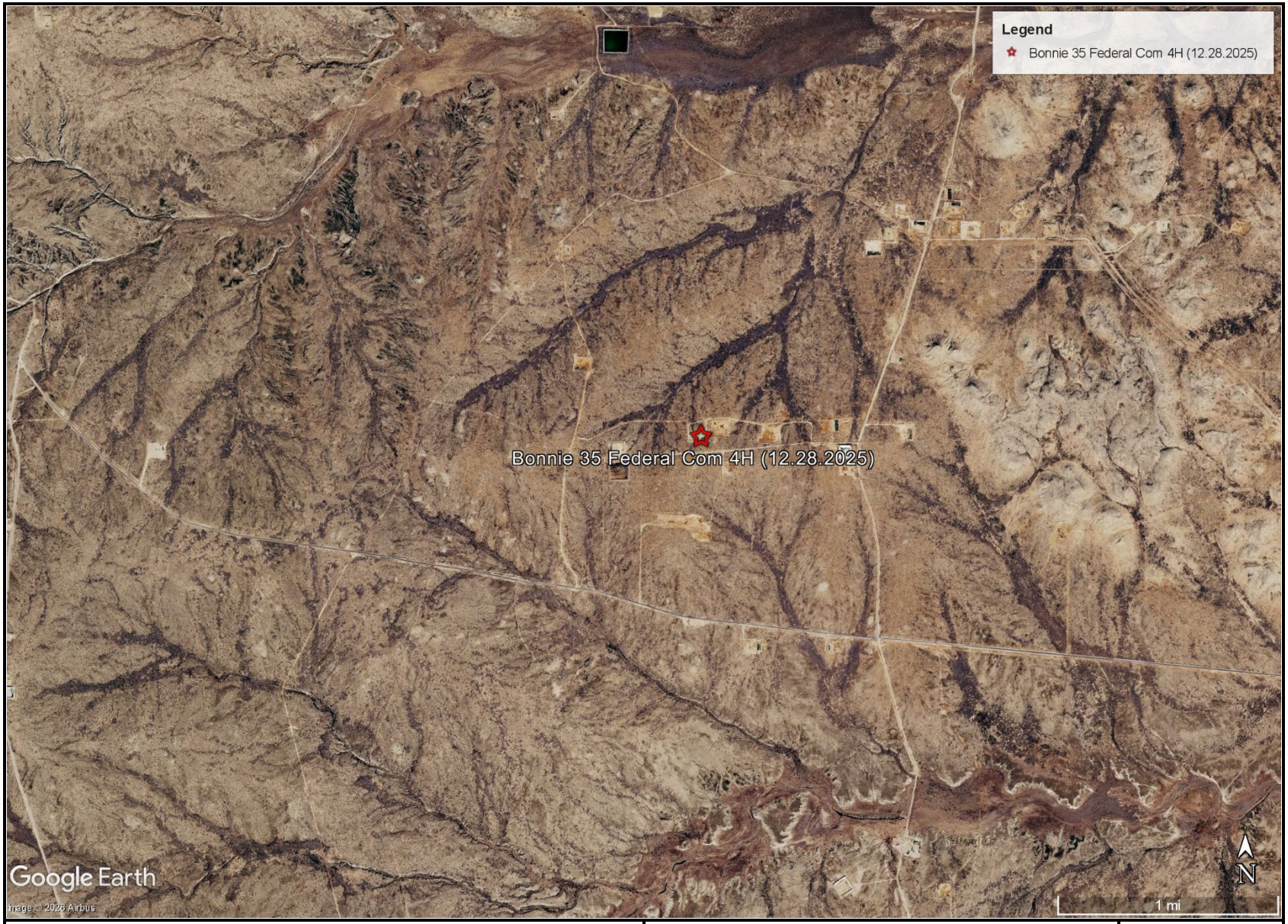
Ashton Thielke
Director of Operations

Riley Plogger
Project Manager

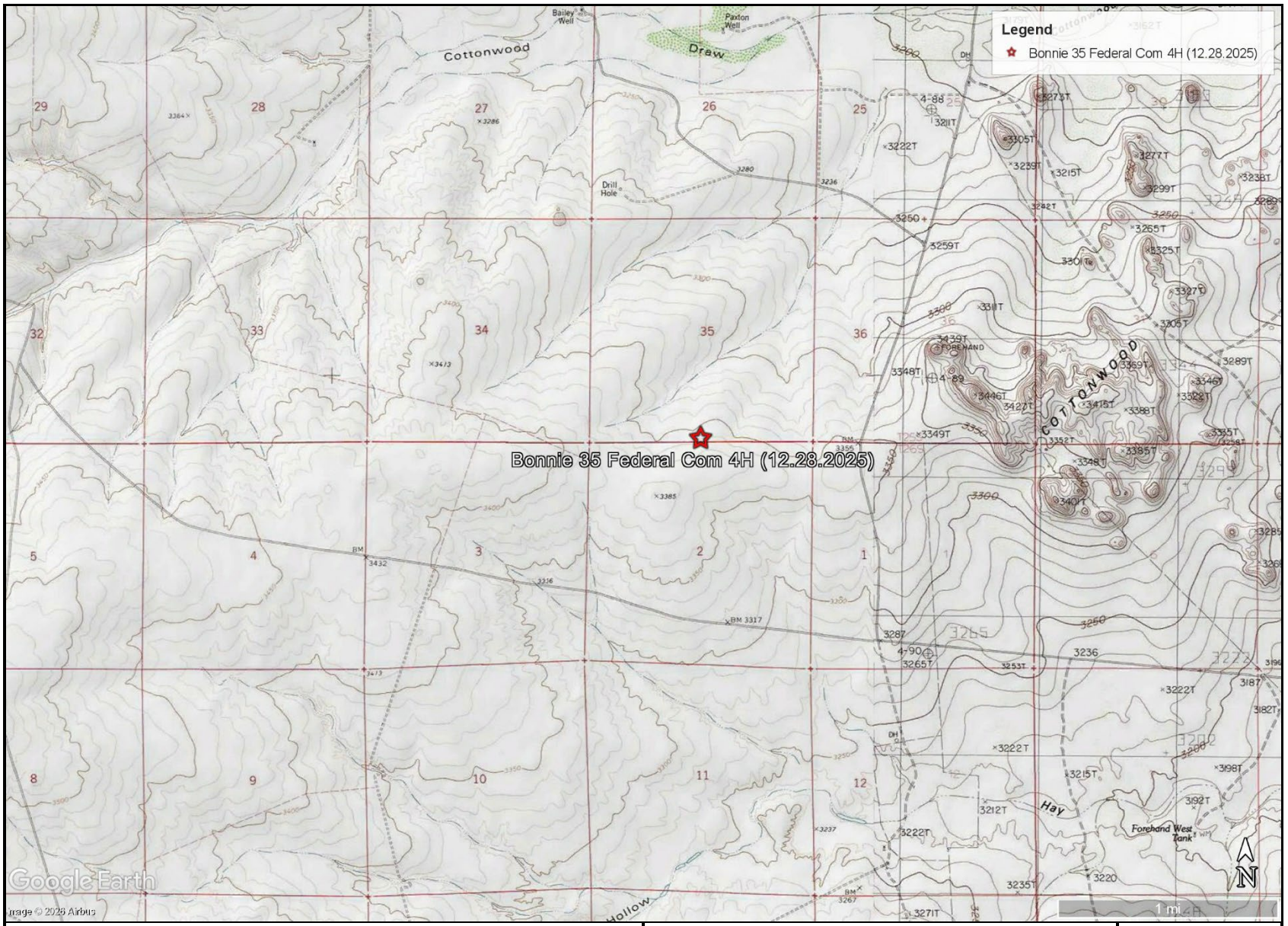
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Midland TX, 79701
432.813.1992

FIGURES

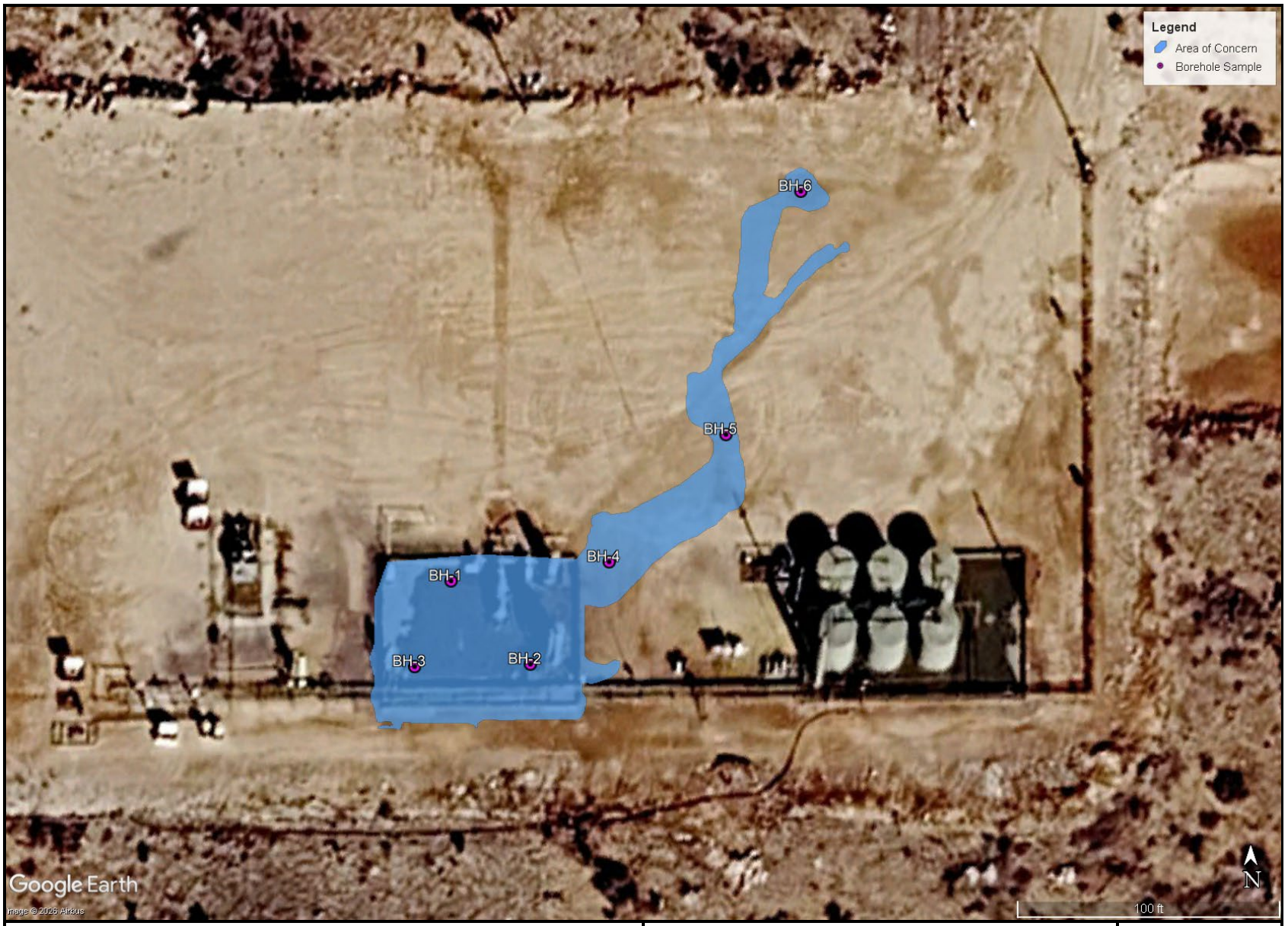
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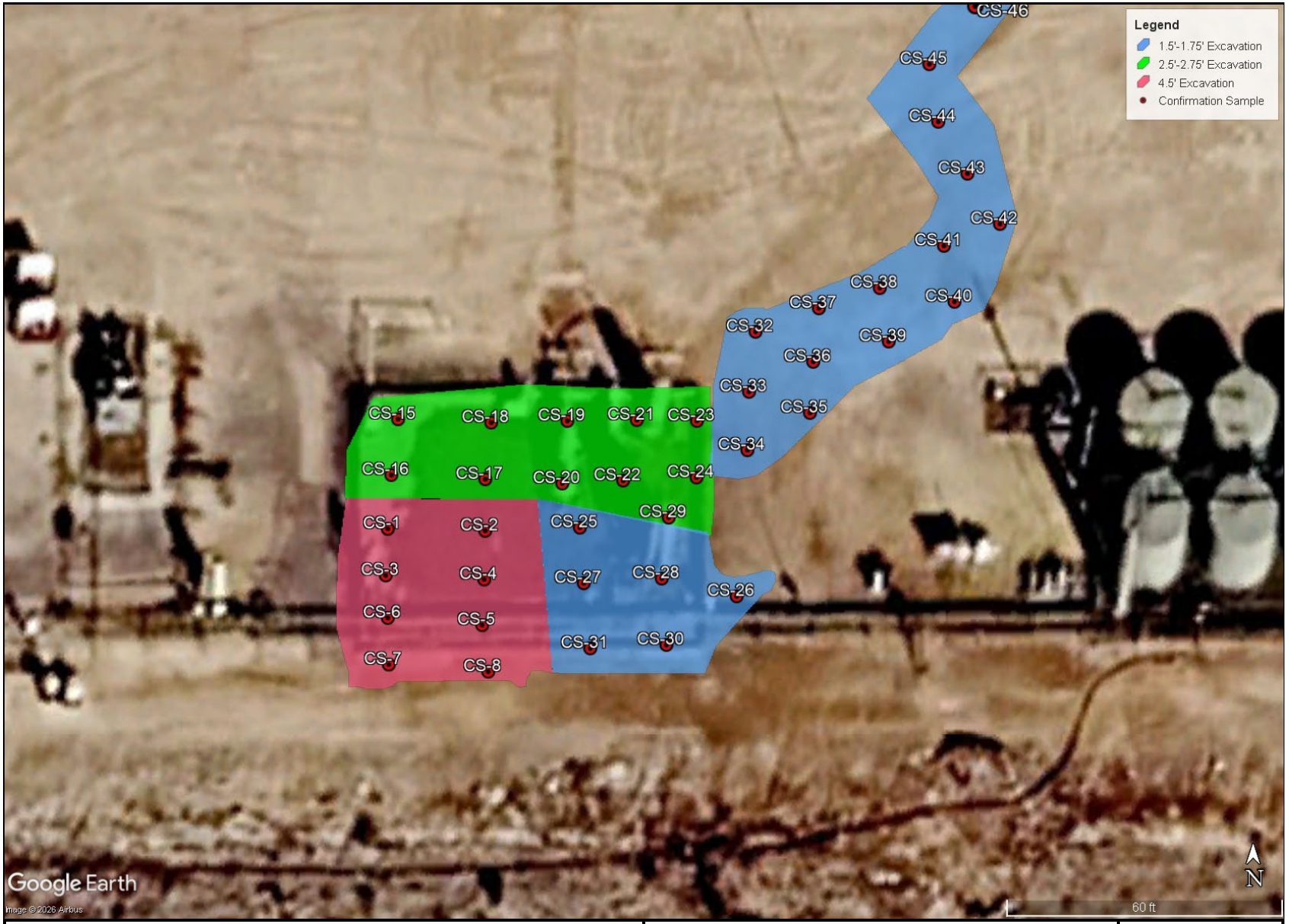
OVERVIEW MAP CIMAREX ENERGY CO. OF COLORADO BONNIE 35 FEDERAL COM 4H (12.28.2025) EDDY COUNTY, NEW MEXICO 32.079223°, -104.264084°	CARMONA RESOURCES	FIGURE 1



TOPOGRAPHIC MAP CIMAREX ENERGY CO. OF COLORADO BONNIE 35 FEDERAL COM 4H (12.28.2025) EDDY COUNTY, NEW MEXICO 32.079223°, -104.264084°	CARMONA RESOURCES	FIGURE 2



SAMPLE LOCATION MAP CIMAREX ENERGY CO. OF COLORADO BONNIE 35 FEDERAL COM 4H (12.28.2025) EDDY COUNTY, NEW MEXICO 32.079223°, -104.264084°	CARMONA RESOURCES	FIGURE 3



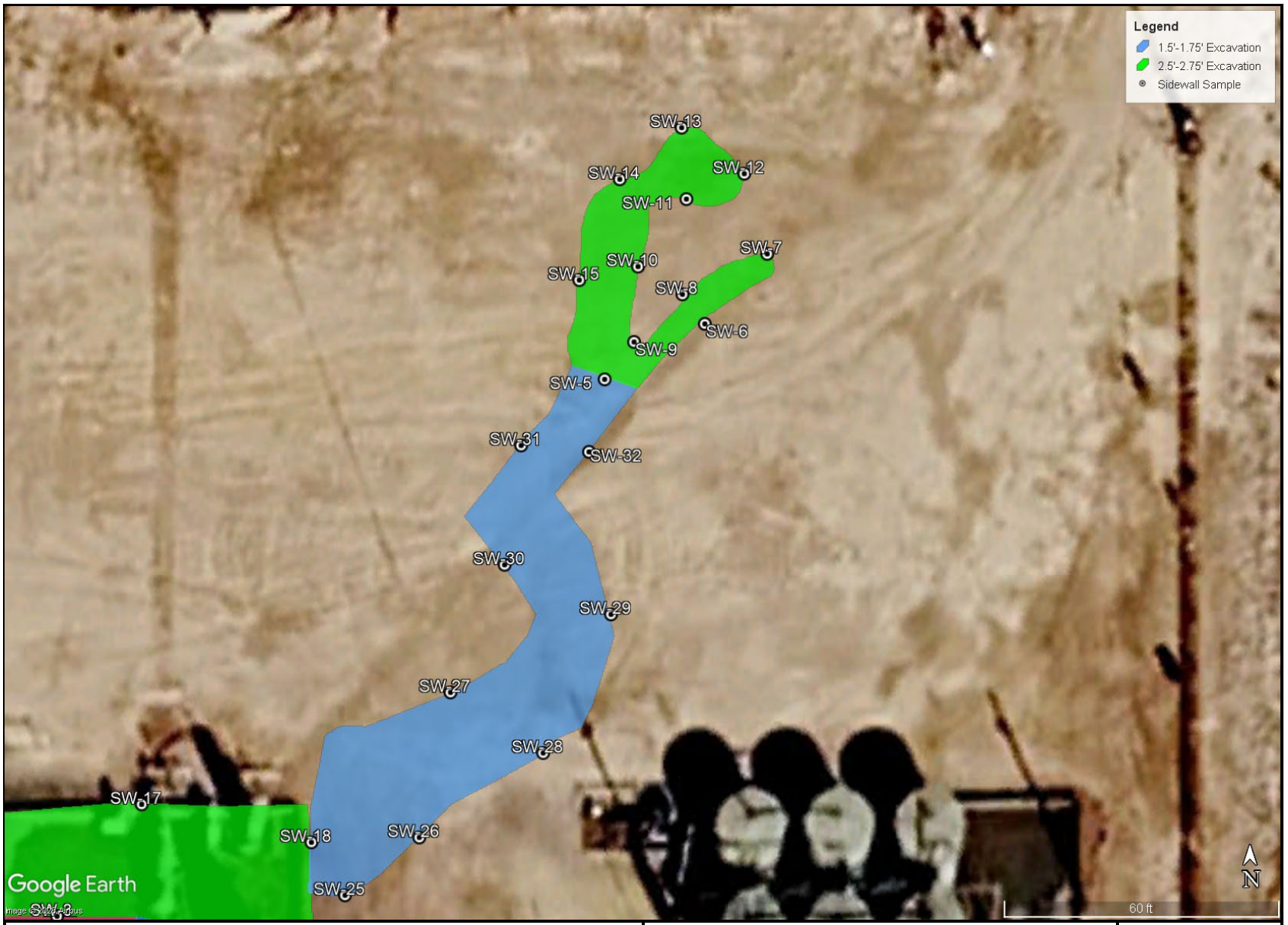
EXCAVATION DEPTH MAP CIMAREX ENERGY CO. OF COLORADO BONNIE 35 FEDERAL COM 4H (12.28.2025) EDDY COUNTY, NEW MEXICO 32.079223°, -104.264084°	CARMONA RESOURCES	FIGURE 4A



EXCAVATION DEPTH MAP CIMAREX ENERGY CO. OF COLORADO BONNIE 35 FEDERAL COM 4H (12.28.2025) EDDY COUNTY, NEW MEXICO 32.079223°, -104.264084°	CARMONA RESOURCES	FIGURE 4B



EXCAVATION DEPTH MAP CIMAREX ENERGY CO. OF COLORADO BONNIE 35 FEDERAL COM 4H (12.28.2025) EDDY COUNTY, NEW MEXICO 32.079223°, -104.264084°	CARMONA RESOURCES	FIGURE 4C



EXCAVATION DEPTH MAP CIMAREX ENERGY CO. OF COLORADO BONNIE 35 FEDERAL COM 4H (12.28.2025) EDDY COUNTY, NEW MEXICO 32.079223°, -104.264084°	CARMONA RESOURCES	FIGURE 4D

APPENDIX A

CARMONA RESOURCES



Table 1
Cimarex Energy Co. of Colorado
Bonnie 35 Federal Com 4H (12.28.2025)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
BH-1	2/11/2026	0-1'	**1,350**	**3,050**	**183**	**4,580**	7.69	49.0	9.39	**84.2**	**150**	**837**
	"	2'	<50.5	71.6	54.5	**126**	<0.00200	0.00500	<0.00200	0.0981	0.103	91.0
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	0.00420	0.0241	0.0283	85.1
	"	4'	<49.8	<49.8	<49.8	<49.8	<0.00200	0.00207	<0.00200	<0.00401	<0.00401	22.9
BH-2	2/11/2026	0-1'	<49.9	**457**	<49.9	**457**	0.00454	0.0240	0.0110	0.126	0.165	**928**
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00463	0.00845	0.125	0.138	98.6
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	0.00323	0.00925	0.0125	18.2
BH-3	2/11/2026	0-1'	**990**	**3,950**	**230**	**5,170**	0.322	6.75	2.80	27.8	35.7	**2,550**
	"	2'	**1,720**	**4,270**	**225**	**6,220**	2.89	34.1	9.15	**78.6**	**125**	282
	"	3'	<49.8	**433**	74.7	**508**	0.00217	0.0230	0.0205	0.142	0.187	94.7
	"	4'	<50.0	77.3	64.0	**141**	<0.00201	0.0137	0.00812	0.0414	0.0632	87.2
BH-4	2/11/2026	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00202	0.00282	0.00361	0.00886	0.0153	**1,780**
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00317	<0.00199	0.00622	0.00939	152
	"	3'	<50.1	<50.1	<50.1	<50.1	<0.00199	0.00213	<0.00199	<0.00398	<0.00398	122
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	109
BH-5	2/11/2026	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**2,980**
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	339
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	314
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	145
BH-6	2/11/2026	0-1'	<49.8	52.8	<49.8	52.8	<0.00200	<0.00200	0.00221	0.00537	0.00758	**2,570**
	"	2'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**2,120**
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	225
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	279
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(BH) - Borehole Sample
Removed

Table 1
Cimarex Energy Co. of Colorado
Bonnie 35 Federal Com 4H (12.28.2025)
Eddy 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	2/11/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	14.4
H-2	2/11/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	20.7
H-3	2/11/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	16.7
H-4	2/11/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	90.9
H-5	2/11/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.9
H-6	2/11/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	12.0
H-7	2/11/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	66.2
H-8	2/11/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.4
H-9	2/11/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.94
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(H) - Horizontal Sample

Table 2
Cimarex Energy Co. of Colorado
Bonnie 35 Federal Com 4H (12.28.2025)
Eddy 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	4/8/2026	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.6
CS-2	4/8/2026	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9
CS-3	4/8/2026	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8
CS-4	4/8/2026	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	58.5
CS-5	4/8/2026	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.6
CS-6	4/8/2026	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0
CS-7	4/8/2026	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.0
CS-8	4/8/2026	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.0
CS-9	4/9/2026	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	200
CS-10	4/9/2026	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	280
CS-11	4/9/2026	2.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	63.6
CS-12	4/9/2026	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	407
CS-13	4/9/2026	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	102
CS-14	4/9/2026	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	268
CS-15	4/10/2026	2.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	80.0
CS-16	4/10/2026	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	86.4
CS-17	4/10/2026	2.5'	<50.0	**103**	<50.0	**103**	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	257
	4/15/2026	2.75'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.96
CS-18	4/10/2026	2.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	67.3
CS-19	4/10/2026	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	78.6
CS-20	4/10/2026	2.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	111
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) - Confirmation Sample
Removed

Table 2
Cimarex Energy Co. of Colorado
Bonnie 35 Federal Com 4H (12.28.2025)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-21	4/10/2026	2.5'	<49.8	**119**	<49.8	**119**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	338
	4/15/2026	2.75'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.96
CS-22	4/10/2026	2.5'	<49.9	**214**	<49.9	**214**	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	145
	4/15/2026	2.75'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	22.1
CS-23	4/10/2026	2.5'	<49.9	**150**	<49.9	**150**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	387
	4/15/2026	2.75'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.98
CS-24	4/10/2026	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	82.2
CS-25	4/10/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<9.92
CS-26	4/10/2026	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	46.5
CS-27	4/10/2026	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	97.0
CS-28	4/10/2026	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	173
CS-29	4/10/2026	1.5'	<50.1	**220**	<50.1	**220**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	161
	4/15/2026	2.75'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	17.4
CS-30	4/10/2026	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	82.5
CS-31	4/10/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.92
CS-32	4/14/2026	1.5	<10.0	20.4	<10.0	20.4	<0.050	<0.050	<0.050	<0.150	<0.300	**1,120**
	4/15/2026	1.75'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	20.6
CS-33	4/14/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-34	4/14/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-35	4/14/2026	1.5'	<10.0	30.3	<10.0	30.3	<0.050	<0.050	<0.050	<0.150	<0.300	**1,100**
	4/15/2026	1.75'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	<9.94
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) - Confirmation Sample
Removed

Table 2
Cimarex Energy Co. of Colorado
Bonnie 35 Federal Com 4H (12.28.2025)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-36	4/14/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-37	4/14/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-38	4/14/2026	1.5'	<10.0	35.3	<10.0	35.3	<0.050	<0.050	<0.050	<0.150	<0.300	**1,040**
	4/15/2026	1.75'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00202	<0.00404	16.0
CS-39	4/10/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-40	4/10/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-41	4/10/2026	1.5'	<10.0	14.4	<10.0	14.4	<0.050	<0.050	<0.050	<0.150	<0.300	**736**
	4/15/2026	1.75'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	<9.98
CS-42	4/10/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-43	4/10/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-44	4/14/2026	1.5'	<10.0	17.8	<10.0	17.8	<0.050	<0.050	<0.050	<0.150	<0.300	**1,140**
	4/15/2026	1.75'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00400	20.0
CS-45	4/14/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**880**
	4/15/2026	1.75'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	<10.0
CS-46	4/10/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) - Confirmation Sample
Removed

Table 2
Cimarex Energy Co. of Colorado
Bonnie 35 Federal Com 4H (12.28.2025)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	4/8/2026	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.94
SW-2	4/8/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	11.5
SW-3	4/8/2026	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	13.4
SW-4	4/8/2026	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	13.5
SW-5	4/9/2026	1.5'-2.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	96.3
SW-6	4/9/2026	2.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	481
SW-7	4/9/2026	2.5'	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	223
SW-8	4/9/2026	2.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	304
SW-9	4/9/2026	2.5'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	101
SW-10	4/9/2026	2.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	445
SW-11	4/9/2026	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	265
SW-12	4/9/2026	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	280
SW-13	4/9/2026	2.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	386
SW-14	4/9/2026	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	215
SW-15	4/9/2026	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	51.0
SW-16	4/10/2026	2.5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	80.3
SW-17	4/10/2026	2.5'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	136
SW-18	4/10/2026	1.5-2.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	14.5
SW-19	4/10/2026	1.5-2.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.2
SW-20	4/10/2026	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	332
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(SW) - Sidewall Sample

Table 2
Cimarex Energy Co. of Colorado
Bonnie 35 Federal Com 4H (12.28.2025)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-21	4/10/2026	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	103
SW-22	4/10/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	273
SW-23	4/10/2026	1.5'	<49.9	**283**	<49.9	**283**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	171
	4/15/2026	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	17.8
SW-24	4/10/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	127
SW-25	4/14/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-26	4/14/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-27	4/14/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-28	4/14/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-29	4/14/2026	1.5'	<10.0	30.0	<10.0	30.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,090**
	4/15/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	22.3
SW-30	4/14/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-31	4/14/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-32	4/14/2026	1.5'	<10.0	20.9	<10.0	20.9	<0.050	<0.050	<0.050	<0.150	<0.300	**1,300**
	4/15/2026	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.92
Backfill	4/14/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(SW) - Sidewall Sample
Removed

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

Cimarex Energy Co. of Colorado

Photograph No. 1

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View Northeast, Area of BH-1.



Photograph No. 2

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View North, Area of BH-2.



Photograph No. 3

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View West, Area of BH-3.



PHOTOGRAPHIC LOG

Cimarex Energy Co. of Colorado

Photograph No. 4

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View South, Area of BH-4.



Photograph No. 5

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View Southwest, Area of BH-5.

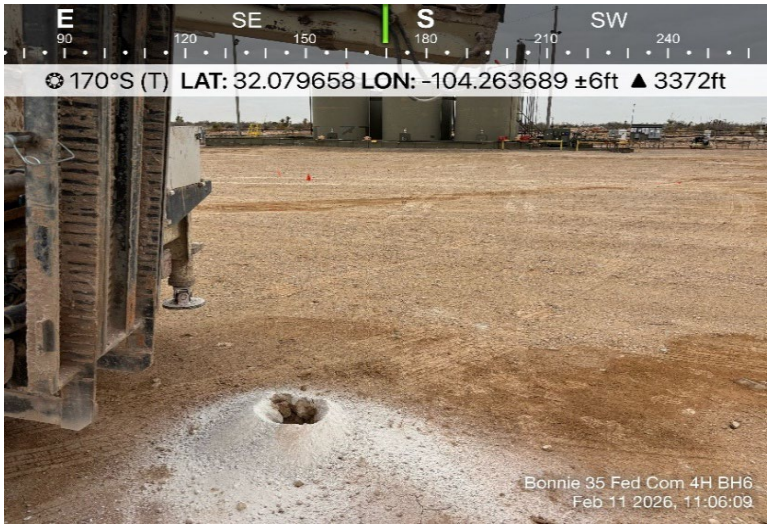


Photograph No. 6

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View South, Area of BH-6.



PHOTOGRAPHIC LOG

Cimarex Energy Co. of Colorado

Photograph No. 7

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View Southeast, Area of CS-1 through CS-8.



Photograph No. 8

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View West, Area of CS-1 through CS-8.



Photograph No. 9

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View North, Area of CS-9 through CS-14.



PHOTOGRAPHIC LOG

Cimarex Energy Co. of Colorado

Photograph No. 10

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View North, Area of CS-9 through CS-11.



Photograph No. 11

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View Southwest, Area of CS-12 through CS-14.



Photograph No. 12

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View East, Area of CS-15 through CS-24.



PHOTOGRAPHIC LOG

Cimarex Energy Co. of Colorado

Photograph No. 13

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View Southeast, Area of CS-15 through CS-24.



Photograph No. 14

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View Southwest, Area of CS-25 through CS-31.



Photograph No. 15

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View North, Area of CS-25 through CS-31.



PHOTOGRAPHIC LOG

Cimarex Energy Co. of Colorado

Photograph No. 16

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View Northeast, Area of CS-32 through CS-43.



Photograph No. 17

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View Southwest, Area of CS-32 through CS-43.

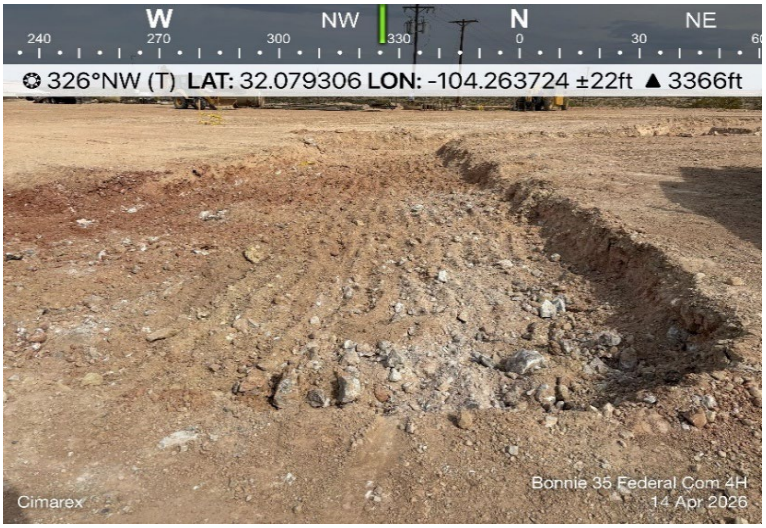


Photograph No. 18

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View Northwest, Area of CS-42 through CS-46.



PHOTOGRAPHIC LOG

Cimarex Energy Co. of Colorado

Photograph No. 19

Facility: Bonnie 35 Federal Com 4H (12.28.2025)

County: Eddy County, New Mexico

Description:
View Northwest, Area of CS-43 through CS-46.



APPENDIX C

CARMONA RESOURCES



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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 538974
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Bonnie 35 Federal Com 4H
Date Release Discovered	12/28/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Corrosion | Dump Line | Crude Oil | Released: 2 BBL | Recovered: 2 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion | Dump Line | Produced Water | Released: 37 BBL | Recovered: 16 BBL | Lost: 21 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 538974
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

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

ACKNOWLEDGMENTS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 538974
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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CONDITIONS

Action 538974

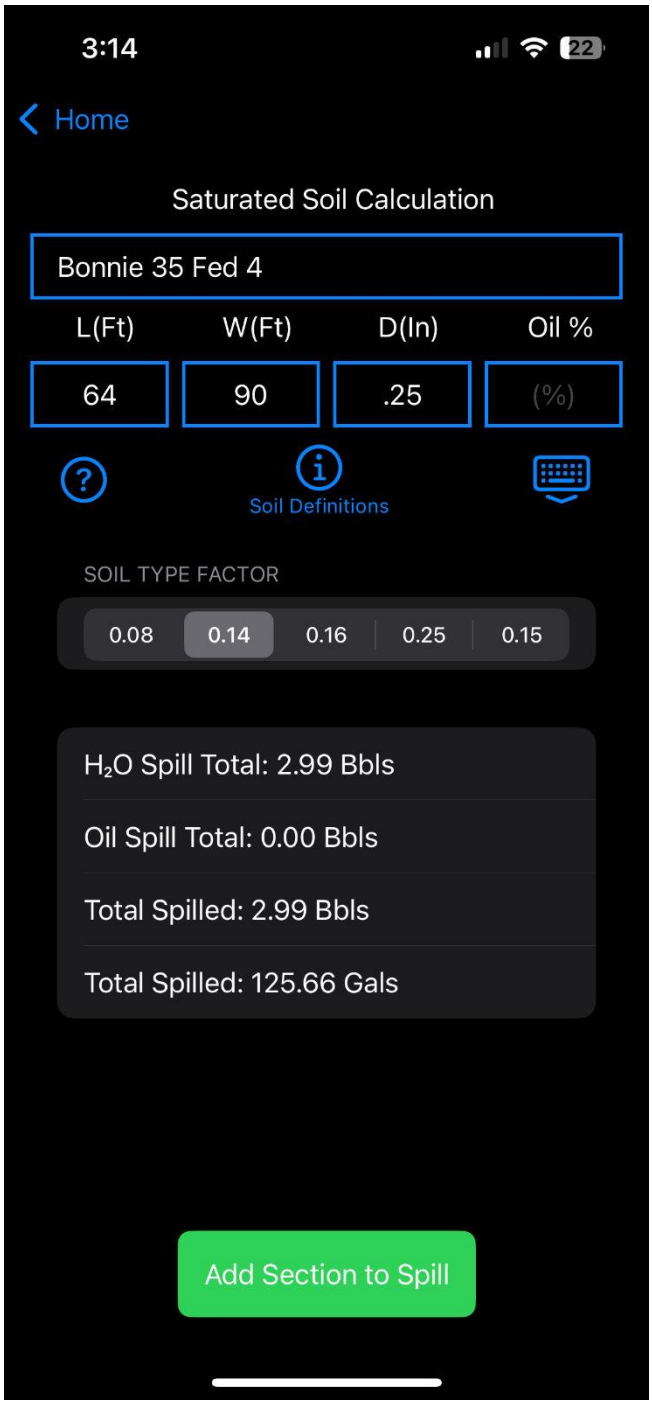
CONDITIONS

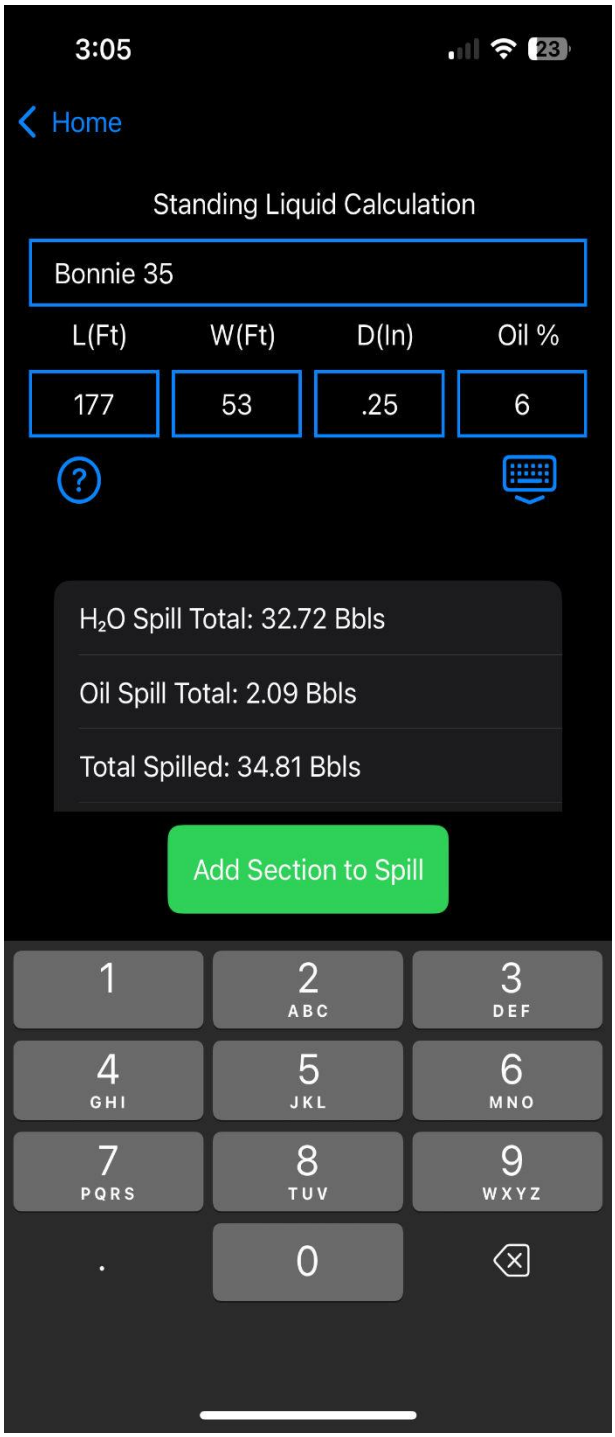
Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 538974
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
nrose	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	12/30/2025

CIMAREX ENERGY
Bonnie 35 Federal Com 4H
EDDY, NM





CIMAREX ENERGY
Bonnie 35 Federal Com 4H
EDDY, NM





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QUESTIONS

Action 556125

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 556125
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2536451498**
Incident Name	**NAPP2536451498 BONNIE 35 FEDERAL COM 4H @ O-35-25S-26E**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Bonnie 35 Federal Com 4H
Date Release Discovered	12/28/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Corrosion | Dump Line | Crude Oil | Released: 2 BBL | Recovered: 2 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion | Dump Line | Produced Water | Released: 37 BBL | Recovered: 16 BBL | Lost: 21 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 556125
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

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

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

I hereby agree and sign off to the above statement	Name: Nathaniel Rose Title: EHS Specialists Email: nathaniel.rose@coterra.com Date: 02/19/2026

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QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 556125
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

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

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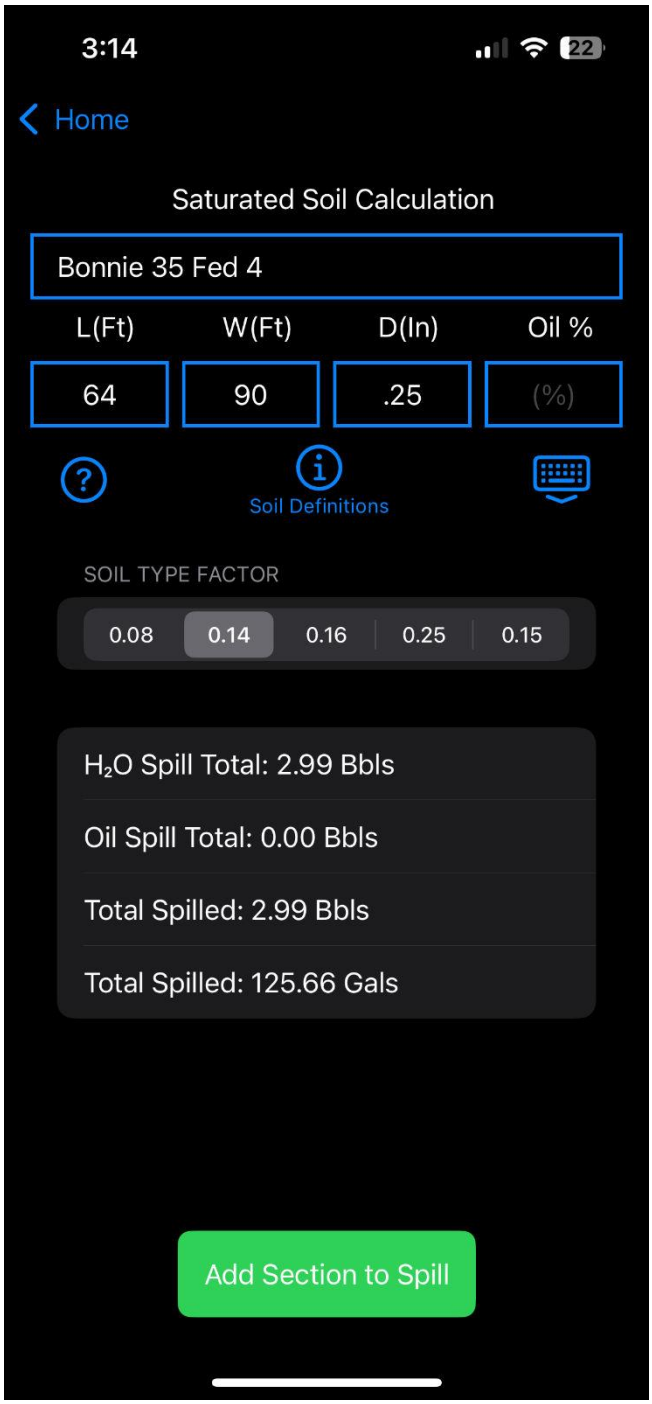
CONDITIONS

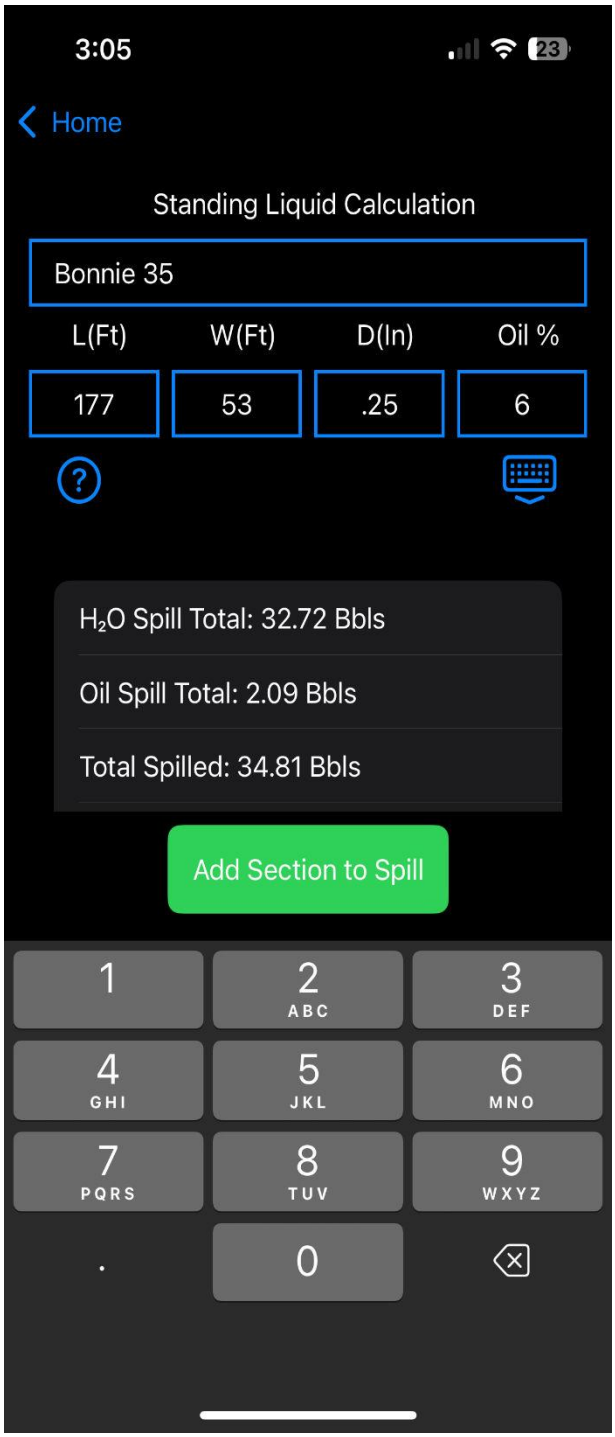
Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 556125
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Initial C141 is approved. A remediation work plan, site characterization plan or remediation closure is due to the OCD no later than 90-days after the date of discovery, not to exceed 03/31/2026.	2/23/2026

CIMAREX ENERGY
Bonnie 35 Federal Com 4H
EDDY, NM





CIMAREX ENERGY
Bonnie 35 Federal Com 4H
EDDY, NM





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QUESTIONS

Action 556142

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 556142
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2536451498**
Incident Name	**NAPP2536451498 BONNIE 35 FEDERAL COM 4H @ O-35-25S-26E**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	BONNIE 35 FEDERAL COM 4H
Date Release Discovered	12/28/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Corrosion | Dump Line | Crude Oil | Released: 2 BBL | Recovered: 2 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion | Dump Line | Produced Water | Released: 37 BBL | Recovered: 16 BBL | Lost: 21 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	We had a Produced water spill at the Bonnie 35 Federal Com 4H. A weld on the 90 on the water dump line washed out due to corrosion. It resulted in a spill of 37 bbls of produced water and 2 bbls of oil. We recovered 18 bbls. An assessment Has already bein completed as of 2/15/2026. Facility deconstruction and spill remediation pending.

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QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 556142
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

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

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

I hereby agree and sign off to the above statement	Name: Nathaniel Rose Title: EHS Specialists Email: nathaniel.rose@coterra.com Date: 02/19/2026

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QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 556142
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

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

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CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 556142
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Initial C141 is approved. A remediation work plan, site characterization plan or remediation closure is due to the OCD no later than 90-days after the date of discovery, not to exceed 03/31/2026.	2/23/2026

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QUESTIONS

Action 570527

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 570527
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2536451498**
Incident Name	**NAPP2536451498 BONNIE 35 FEDERAL COM 4H @ O-35-25S-26E**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**

Location of Release Source	
Site Name	**BONNIE 35 FEDERAL COM 4H**
Date Release Discovered	**12/28/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	8,500
What is the estimated number of samples that will be gathered	60
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/06/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 4321-813-8988
Please provide any information necessary for navigation to sampling site	32.079152°, -104.264107°

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Phone: (505) 476-3441

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CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 570527
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/2/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/2/2026

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QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 570529
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2536451498**
Incident Name	**NAPP2536451498 BONNIE 35 FEDERAL COM 4H @ O-35-25S-26E**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**

Location of Release Source	
Site Name	**BONNIE 35 FEDERAL COM 4H**
Date Release Discovered	**12/28/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	8,500
What is the estimated number of samples that will be gathered	60
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/07/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988
Please provide any information necessary for navigation to sampling site	32.079152°, -104.264107°

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CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 570529
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/2/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/2/2026

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QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 570530
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2536451498**
Incident Name	**NAPP2536451498 BONNIE 35 FEDERAL COM 4H @ O-35-25S-26E**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**

Location of Release Source	
Site Name	**BONNIE 35 FEDERAL COM 4H**
Date Release Discovered	**12/28/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	8,500
What is the estimated number of samples that will be gathered	60
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/08/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988
Please provide any information necessary for navigation to sampling site	32.079152°, -104.264107°

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 570530
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/2/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/2/2026

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 570532
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2536451498**
Incident Name	**NAPP2536451498 BONNIE 35 FEDERAL COM 4H @ O-35-25S-26E**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**

Location of Release Source	
Site Name	**BONNIE 35 FEDERAL COM 4H**
Date Release Discovered	**12/28/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	8,500
What is the estimated number of samples that will be gathered	60
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/09/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988
Please provide any information necessary for navigation to sampling site	32.079152°, -104.264107°

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator:	OGRID:
CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	162683
	Action Number: 570532
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/2/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/2/2026

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 570534

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 570534
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2536451498**
Incident Name	**NAPP2536451498 BONNIE 35 FEDERAL COM 4H @ O-35-25S-26E**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**

Location of Release Source	
Site Name	**BONNIE 35 FEDERAL COM 4H**
Date Release Discovered	**12/28/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	8,500
What is the estimated number of samples that will be gathered	60
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/10/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988
Please provide any information necessary for navigation to sampling site	32.079152°, -104.264107°

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 570534
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/2/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/2/2026

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 570535

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 570535
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2536451498**
Incident Name	**NAPP2536451498 BONNIE 35 FEDERAL COM 4H @ O-35-25S-26E**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**

Location of Release Source	
Site Name	**BONNIE 35 FEDERAL COM 4H**
Date Release Discovered	**12/28/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	8,500
What is the estimated number of samples that will be gathered	60
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/13/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988
Please provide any information necessary for navigation to sampling site	32.079152°, -104.264107°

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 570535
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/2/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/2/2026

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Phone: (505) 476-3441

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

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 573700
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2536451498**
Incident Name	**NAPP2536451498 BONNIE 35 FEDERAL COM 4H @ O-35-25S-26E**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**

Location of Release Source	
Site Name	**BONNIE 35 FEDERAL COM 4H**
Date Release Discovered	**12/28/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	8,500
What is the estimated number of samples that will be gathered	60
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/14/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988
Please provide any information necessary for navigation to sampling site	32.079152°, -104.264107°

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 573700
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/9/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/9/2026

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 573701
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2536451498**
Incident Name	**NAPP2536451498 BONNIE 35 FEDERAL COM 4H @ O-35-25S-26E**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**

Location of Release Source	
Site Name	**BONNIE 35 FEDERAL COM 4H**
Date Release Discovered	**12/28/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	8,500
What is the estimated number of samples that will be gathered	60
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/15/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988
Please provide any information necessary for navigation to sampling site	32.079152°, -104.264107°

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

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

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 573701
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/9/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/9/2026

Ashton Thielke

From: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Sent: Monday, March 30, 2026 5:15 PM
To: Ashton Thielke
Cc: Nathaniel Rose
Subject: RE: [EXTERNAL] nAPP2536451498 - Bonnie 35 Fed Com 4H (12.28.2025) - 90 Day Extension Request

Good afternoon, Mr. Thielke

The request for a 90-day extension from the current deadline is approved. I have updated the incident file to reflect this change to include 07/01/2026 as the final deadline to submit for closure. Please keep this copy for your records and include in the remediation closure report.

Thank you,

From: Ashton Thielke <ThielkeA@carmonaresources.com>
Sent: Monday, March 30, 2026 9:08 AM
To: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Cc: Nathaniel Rose <Nathaniel.Rose@coterra.com>
Subject: [EXTERNAL] nAPP2536451498 - Bonnie 35 Fed Com 4H (12.28.2025) - 90 Day Extension Request

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

Good morning Mr. Buchanan,

On behalf of Cimarex Energy Co. of Colorado, Carmona Resources is requesting a 90 day extension for this spill incident.
A site assessment has been completed within the release area.
The integrity of the liner was compromised during the release, resulting in contamination under the lined containment of the separators onsite along with impact on the well pad.
A plan to remove equipment, piping and the compromised lined containment has been reviewed and approved to Cimarex production staff.

Schedule:
The wells feeding this tank battery have been shut in as of 03.30.2026.
Work to dismantle equipment, piping and the containment within the affected area will begin on 03.30.2026.
Remediation & excavation activities are expected to begin on 04.02.2026.
Final confirmation sampling is expected to take place the week of 04.06.2026.

An incident closure report is expected to be submitted no later than June 28, 2026.

Please let me know if you have any questions.

Thanks!

Ashton Thielke
Director of Operations
310 West Wall Street, Suite 500
Midland TX, 79701

M: 432-813-8988 C: 281-753-5659
ThielkeA@carmonaresources.com
Environmental Consulting Firm - Carmona Resources



APPENDIX D

CARMONA RESOURCES



Received by OCD: 4/22/2026 6:58:20 AM

Nearest Water Well

Cimarex Energy

Legend

- 0.50 Mile Radius
- 2.02 Miles
- 2.08 Miles
- 2.09 Miles
- Bonnie 35 Fed Com 4H (12.28.2025)
- NMSEO Water Well
- USGS Water Well

14.22' - Drilled 1992

13.96' - Drilled 2018

Bonnie 35 Fed Com 4H (12.28.2025)

12.60' - Drilled 2018

N

1 mi

Google Earth

Released to Imaging: 5/6/2026 4:20:08 PM

Image © 2025 Airbus

Received by OCD: 4/22/2026 6:58:20 AM

High Karst

Cimarex Energy

Legend

- Bonnie 35 Fed Com 4H (12.28.2025)
- High
- Medium

Bonnie 35 Fed Com 4H (12.28.2025)

N

1 mi

Google Earth

Released to Imaging: 5/6/2026 4:20:08 PM

Image © 2025 Airbus

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters) (In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 01013		C	ED			SE	25	25S	26E	571505.0	3551456.0 *		2810	245		
C 02220		CUB	ED	SW	NW	NE	26	25S	26E	569598.0	3552352.0 *		2876	35		
C 02221		CUB	ED	SE	SW	NE	25	25S	26E	571412.0	3551961.0 *		3128	35		
C 02438		CUB	ED	SE	NE	SW	12	26S	26E	571015.0	3546705.0 *		3154	30		
C 04329 POD1		C	ED	NE	NE	NE	27	25S	26E	568576.6	3552567.2		3227	57	14	43
C 03655 POD3		CUB	ED	NW	SE	SE	22	25S	26E	568458.2	3553019.0		3694			
C 02439		CUB	ED	NE	SE	NE	15	26S	26E	568614.0	3545697.0 *		3884	30		

Average Depth to Water: **14 feet**

Minimum Depth: **14 feet**

Maximum Depth: **14 feet**

Record Count: 7

UTM Filters (in meters):

Easting: 569509.05

Northing: 3549477.24

Radius: 4000

*** UTM location was derived from PLSS - see Help**

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

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National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: New Mexico | GO

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Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320320104145101

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320320104145101 26S.26E.12.34120

Eddy County, New Mexico
Latitude 32°03'09.7", Longitude 104°14'56.7" NAD83
Land-surface elevation 3,230.90 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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	? Water-level approval status
1978-01-25		D	62610		3217.55	NGVD29	1	Z			A
1978-01-25		D	62611		3219.22	NAVD88	1	Z			A
1978-01-25		D	72019	13.35			1	Z			A
1992-11-18		D	62610		3218.87	NGVD29	1	S			A
1992-11-18		D	62611		3220.54	NAVD88	1	S			A
1992-11-18		D	72019	12.03			1	S			A
1998-01-13		D	62610		3215.24	NGVD29	1	S			A
1998-01-13		D	62611		3216.91	NAVD88	1	S			A
1998-01-13		D	72019	15.66			1	S			A
2003-01-28		D	62610		3214.44	NGVD29	1	S	USGS	S	A
2003-01-28		D	62611		3216.11	NAVD88	1	S	USGS	S	A
2003-01-28		D	72019	16.46			1	S	USGS	S	A
2013-01-09	22:10 UTC	m	62610		3213.80	NGVD29	1	S	USGS	S	A
2013-01-09	22:10 UTC	m	62611		3215.47	NAVD88	1	S	USGS	S	A
2013-01-09	22:10 UTC	m	72019	17.10			1	S	USGS	S	A
2018-02-15	22:14 UTC	m	62610		3218.30	NGVD29	1	S	USGS	S	A
2018-02-15	22:14 UTC	m	62611		3219.97	NAVD88	1	S	USGS	S	A
2018-02-15	22:14 UTC	m	72019	12.60			1	S	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet

Section	Code	Description
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	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2025-01-09 16:11:05 EST
0.33 0.23 nadww02

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	? Metho measu

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Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320559104172201

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320559104172201 25S.26E.28.423113

Eddy County, New Mexico
Latitude 32°05'59", Longitude 104°17'22" NAD27
Land-surface elevation 3,283 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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	? Water-level approval status
1983-02-01		D	62610		3266.82	NGVD29	1	Z			A
1983-02-01		D	62611		3268.50	NAVD88	1	Z			A
1983-02-01		D	72019	14.50			1	Z			A
1987-10-08		D	62610		3268.06	NGVD29	1	Z			A
1987-10-08		D	62611		3269.74	NAVD88	1	Z			A
1987-10-08		D	72019	13.26			1	Z			A
1992-11-19		D	62610		3267.10	NGVD29	P	S			A
1992-11-19		D	62611		3268.78	NAVD88	P	S			A
1992-11-19		D	72019	14.22			P	S			A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
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
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined

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	? Metho measu

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Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2025-01-09 16:09:02 EST
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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 =
- 320616104142801

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320616104142801 25S.26E.25.23231

Eddy County, New Mexico
Latitude 32°06'12.6", Longitude 104°14'33.9" NAD83
Land-surface elevation 3,188.60 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Castile Formation (312CSTL) 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	? Water-level approval status
1978-01-25		D	62610		3184.39	NGVD29	1	Z			A
1978-01-25		D	62611		3186.05	NAVD88	1	Z			A
1978-01-25		D	72019	4.21			1	Z			A
1983-02-01		D	62610		3185.96	NGVD29	1	Z			A
1983-02-01		D	62611		3187.62	NAVD88	1	Z			A
1983-02-01		D	72019	2.64			1	Z			A
1987-10-08		D	62610		3185.63	NGVD29	1	Z			A
1987-10-08		D	62611		3187.29	NAVD88	1	Z			A
1987-10-08		D	72019	2.97			1	Z			A
1992-11-04		D	62610		3186.55	NGVD29	1	S			A
1992-11-04		D	62611		3188.21	NAVD88	1	S			A
1992-11-04		D	72019	2.05			1	S			A
1998-01-07		D	62610		3186.62	NGVD29	1	S			A
1998-01-07		D	62611		3188.28	NAVD88	1	S			A
1998-01-07		D	72019	1.98			1	S			A
2003-01-28		D	62610		3181.38	NGVD29	1	S	USGS	S	A
2003-01-28		D	62611		3183.04	NAVD88	1	S	USGS	S	A
2003-01-28		D	72019	7.22			1	S	USGS	S	A
2013-01-09	22:45 UTC	m	62610		3177.78	NGVD29	1	S	USGS	S	A
2013-01-09	22:45 UTC	m	62611		3179.44	NAVD88	1	S	USGS	S	A
2013-01-09	22:45 UTC	m	72019	10.82			1	S	USGS	S	A
2018-02-13	22:15 UTC	m	62610		3174.64	NGVD29	1	S	USGS	S	A
2018-02-13	22:15 UTC	m	62611		3176.30	NAVD88	1	S	USGS	S	A
2018-02-13	22:15 UTC	m	72019	13.96			1	S	USGS	S	A

Explanation

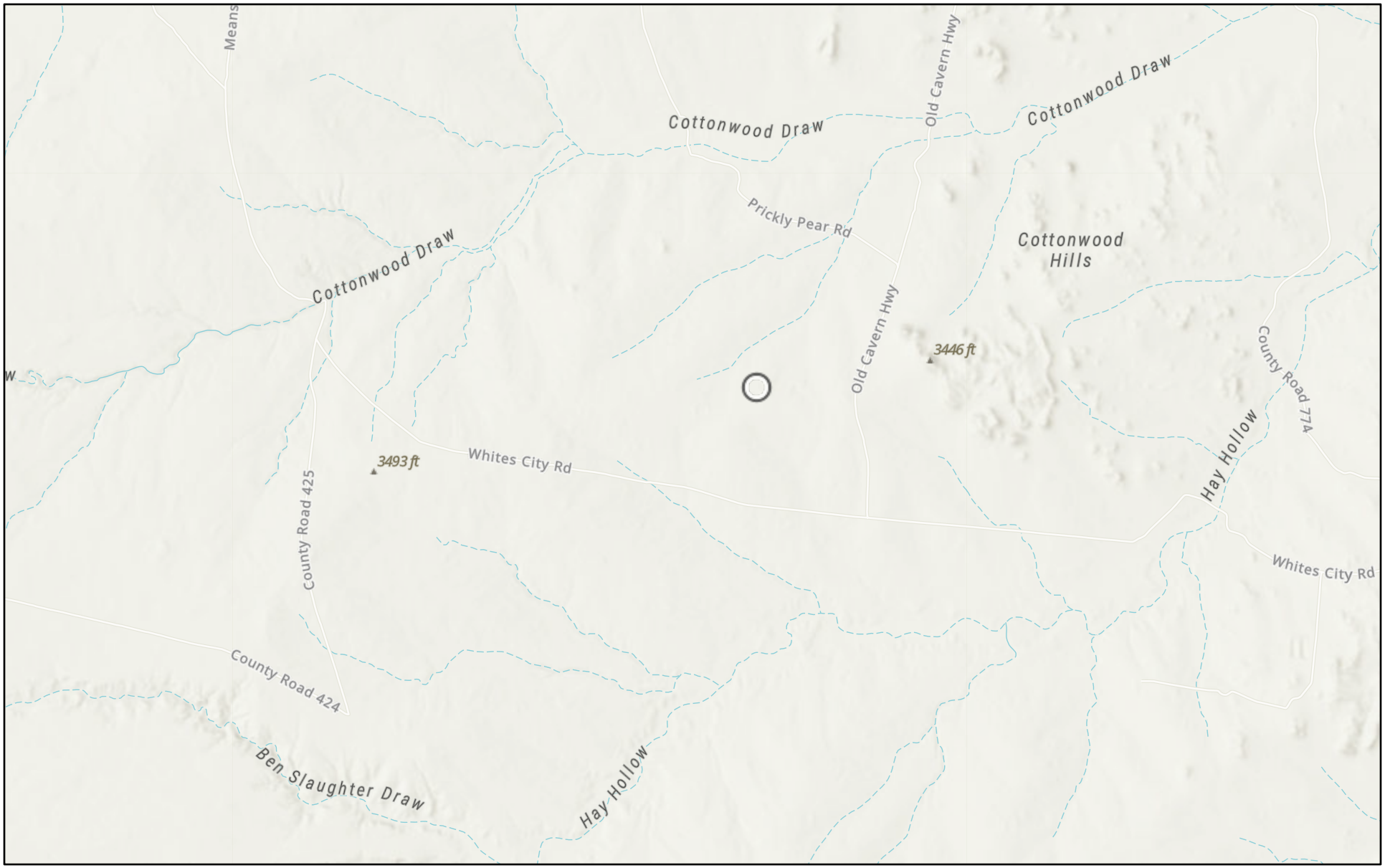
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to 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	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels
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Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2025-01-09 16:10:05 EST
0.35 0.23 nadww02

Bonnie 35 Fed Com 4H (12.28.2025)



12/28/2025

World_Hillshade

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

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

Bonnie 35 Fed Com 4H (12.28.2025)



12/28/2025, 7:16:19 PM

OSW Water Bodys

OSE Streams

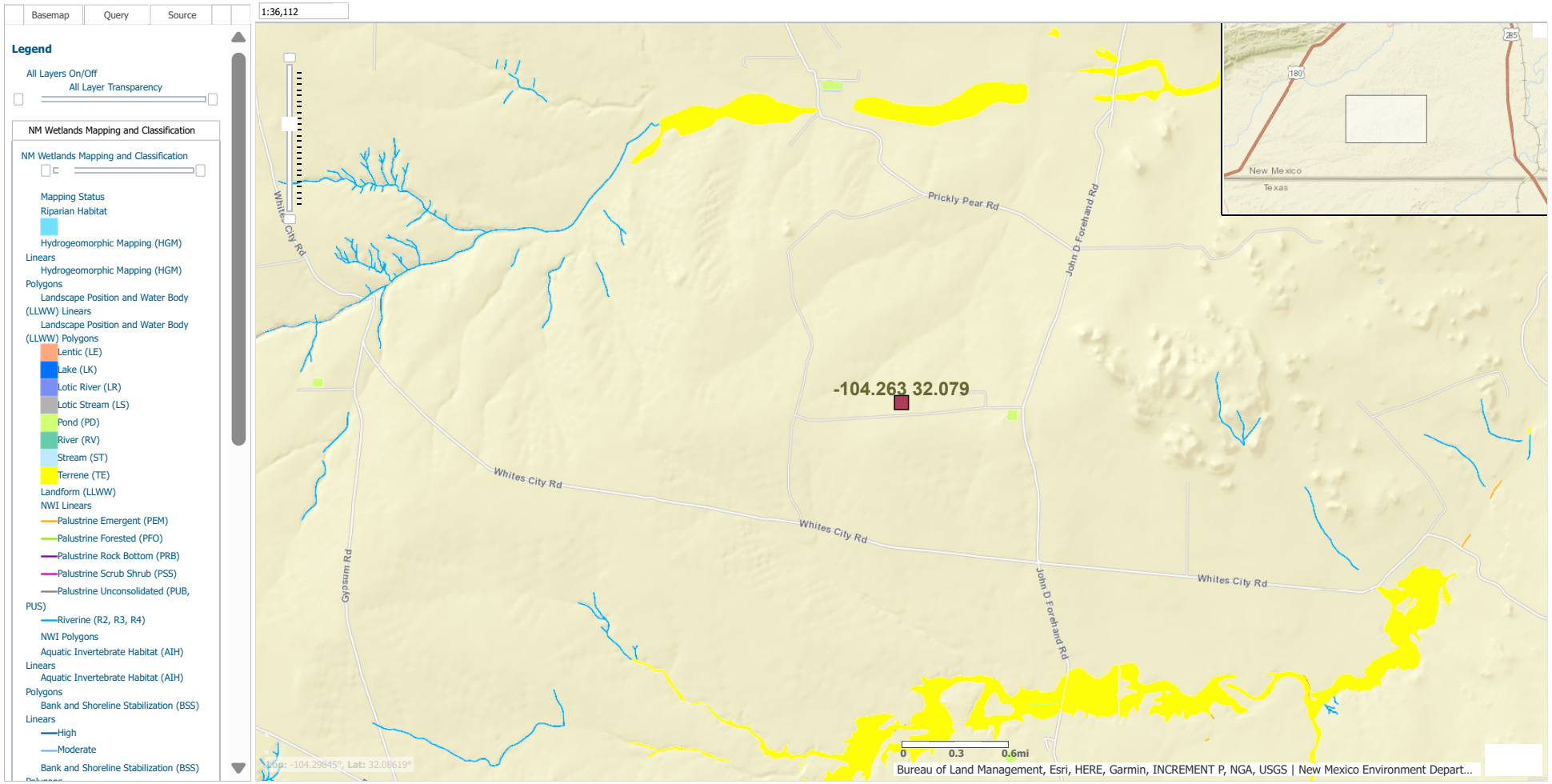
1:36,112

0 0.38 0.75 1.5 mi

0 0.5 1 2 km

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

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APPENDIX E

CARMONA RESOURCES



eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/17/2026 11:23:27 AM

JOB DESCRIPTION

BONNIE 35 FED COM 4 H
Eddy County New Mexico

JOB NUMBER

890-9483-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 5/6/2026 4:20:08 PM

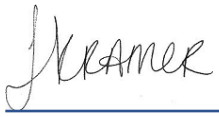
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
2/17/2026 11:23:27 AM

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

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Laboratory Job ID: 890-9483-1
SDG: Eddy County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1

Job ID: 890-9483-1 Eurofins Carlsbad

Job Narrative
890-9483-1

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

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

Receipt
The samples were received on 2/11/2026 2:13 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: BH - 1 (0-1') (890-9483-1), BH - 1 (2') (890-9483-2), BH - 1 (3') (890-9483-3), BH - 1 (4') (890-9483-4), BH - 2 (0-1') (890-9483-5), BH - 2 (2') (890-9483-6), BH - 2 (3') (890-9483-7), BH - 3 (0-1') (890-9483-8), BH - 3 (2') (890-9483-9), BH - 3 (3') (890-9483-10), BH - 3 (4') (890-9483-11), BH - 4 (0-1') (890-9483-12), BH - 4 (2') (890-9483-13), BH - 4 (3') (890-9483-14), BH - 4 (4') (890-9483-15), BH - 5 (0-1') (890-9483-16), BH - 5 (2') (890-9483-17), BH - 5 (3') (890-9483-18), BH - 5 (4') (890-9483-19), BH - 6 (0-1') (890-9483-20), BH - 6 (2') (890-9483-21), BH - 6 (3') (890-9483-22) and BH - 6 (4') (890-9483-23).

GC VOA
Method 8021B: The matrix spike and matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131736 and analytical batch 880-131690 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) sample: (890-9483-A-2-D MSD). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH - 1 (2') (890-9483-2), BH - 2 (0-1') (890-9483-5), BH - 2 (2') (890-9483-6), BH - 3 (0-1') (890-9483-8), BH - 3 (2') (890-9483-9), BH - 3 (3') (890-9483-10) and BH - 3 (4') (890-9483-11). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-131829 and analytical batch 880-131865 recovered outside control limits for the following analytes: Ethylbenzene.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-131829 and analytical batch 880-131865 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: BH - 1 (0-1') (890-9483-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample duplicate (LCSD) associated with preparation batch 880-131999 and analytical batch 880-131826 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH - 5 (0-1') (890-9483-16), BH - 5 (2') (890-9483-17) and (880-68286-A-21-G). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Case Narrative

Client: Carmona Resources
Project: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1

Job ID: 890-9483-1 (Continued) Eurofins Carlsbad

Method 8021B: Surrogate recovery for the following sample was outside control limits: (CCV 880-131865/20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside the upper control limit: BH - 5 (4') (890-9483-19). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following samples were outside control limits: BH - 3 (0-1') (890-9483-8) and BH - 3 (2') (890-9483-9). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: BH - 1 (0-1') (890-9483-1). Evidence of matrix interferences is not obvious.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-131628 and analytical batch 880-131697 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015B NM: Surrogate recovery for the following samples were outside the upper control limit: BH - 6 (2') (890-9483-21) and BH - 6 (3') (890-9483-22). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-131628/3-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131637 and analytical batch 880-131669 were outside control limits for Chloride . See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: BH - 2 (0-1') (890-9483-5), BH - 2 (2') (890-9483-6), BH - 2 (3') (890-9483-7), BH - 3 (0-1') (890-9483-8), BH - 3 (2') (890-9483-9), BH - 3 (3') (890-9483-10), BH - 3 (4') (890-9483-11), BH - 4 (0-1') (890-9483-12), BH - 4 (2') (890-9483-13), BH - 4 (3') (890-9483-14), (890-9483-A-5-C MS) and (890-9483-A-5-D MSD).

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: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9483-1
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7.69		1.01		mg/Kg		02/14/26 14:37	02/16/26 17:54	500
Toluene	49.0		1.01		mg/Kg		02/14/26 14:37	02/16/26 17:54	500
Ethylbenzene	9.39	*1	1.01		mg/Kg		02/14/26 14:37	02/16/26 17:54	500
m-Xylene & p-Xylene	66.8		2.01		mg/Kg		02/14/26 14:37	02/16/26 17:54	500
o-Xylene	17.4		1.01		mg/Kg		02/14/26 14:37	02/16/26 17:54	500
Xylenes, Total	84.2		2.01		mg/Kg		02/14/26 14:37	02/16/26 17:54	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*02/14/26 14:37*	*02/16/26 17:54*	*500*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*02/14/26 14:37*	*02/16/26 17:54*	*500*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	150		2.01		mg/Kg			02/16/26 17:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4580		50.5		mg/Kg			02/13/26 19:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1350		50.5		mg/Kg		02/12/26 13:10	02/13/26 19:33	1
Diesel Range Organics (Over C10-C28)	3050		50.5		mg/Kg		02/12/26 13:10	02/13/26 19:33	1
Oil Range Organics (Over C28-C36)	183		50.5		mg/Kg		02/12/26 13:10	02/13/26 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*156*	*S1+*	*70 - 130*	*02/12/26 13:10*	*02/13/26 19:33*	*1*
o-Terphenyl (Surr)	*164*	*S1+*	*70 - 130*	*02/12/26 13:10*	*02/13/26 19:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	837		49.6		mg/Kg			02/13/26 07:18	5

Client Sample ID: BH - 1 (2')

Lab Sample ID: 890-9483-2
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 11:59	02/13/26 23:41	1
Toluene	0.00500	F1	0.00200		mg/Kg		02/13/26 11:59	02/13/26 23:41	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		02/13/26 11:59	02/13/26 23:41	1
m-Xylene & p-Xylene	0.0619		0.00400		mg/Kg		02/13/26 11:59	02/13/26 23:41	1
o-Xylene	0.0362		0.00200		mg/Kg		02/13/26 11:59	02/13/26 23:41	1
Xylenes, Total	0.0981		0.00400		mg/Kg		02/13/26 11:59	02/13/26 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*02/13/26 11:59*	*02/13/26 23:41*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*02/13/26 11:59*	*02/13/26 23:41*	*1*

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 1 (2')

Lab Sample ID: 890-9483-2
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.103**		0.00400		mg/Kg			02/13/26 23:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**126**		50.5		mg/Kg			02/13/26 19:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		02/12/26 13:10	02/13/26 19:47	1
Diesel Range Organics (Over C10-C28)	**71.6**		50.5		mg/Kg		02/12/26 13:10	02/13/26 19:47	1
Oil Range Organics (Over C28-C36)	**54.5**		50.5		mg/Kg		02/12/26 13:10	02/13/26 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*02/12/26 13:10*	*02/13/26 19:47*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*02/12/26 13:10*	*02/13/26 19:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**91.0**		10.0		mg/Kg			02/13/26 07:25	1

Client Sample ID: BH - 1 (3')

Lab Sample ID: 890-9483-3
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/13/26 11:59	02/14/26 00:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/13/26 11:59	02/14/26 00:02	1
Ethylbenzene	**0.00420**		0.00201		mg/Kg		02/13/26 11:59	02/14/26 00:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/13/26 11:59	02/14/26 00:02	1
o-Xylene	**0.0241**		0.00201		mg/Kg		02/13/26 11:59	02/14/26 00:02	1
Xylenes, Total	**0.0241**		0.00402		mg/Kg		02/13/26 11:59	02/14/26 00:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*02/13/26 11:59*	*02/14/26 00:02*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/13/26 11:59*	*02/14/26 00:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0283**		0.00402		mg/Kg			02/14/26 00:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/13/26 20:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 13:10	02/13/26 20:01	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 1 (3')

Lab Sample ID: 890-9483-3
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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		02/12/26 13:10	02/13/26 20:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:10	02/13/26 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*02/12/26 13:10*	*02/13/26 20:01*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*02/12/26 13:10*	*02/13/26 20:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.1**		9.94		mg/Kg			02/13/26 07:32	1

Client Sample ID: BH - 1 (4')

Lab Sample ID: 890-9483-4
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 11:59	02/14/26 00:22	1
Toluene	**0.00207**		0.00200		mg/Kg		02/13/26 11:59	02/14/26 00:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 11:59	02/14/26 00:22	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/13/26 11:59	02/14/26 00:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 11:59	02/14/26 00:22	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/13/26 11:59	02/14/26 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*02/13/26 11:59*	*02/14/26 00:22*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/13/26 11:59*	*02/14/26 00:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/14/26 00:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/13/26 20:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/12/26 13:10	02/13/26 20:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/26 13:10	02/13/26 20:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/26 13:10	02/13/26 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*02/12/26 13:10*	*02/13/26 20:15*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*02/12/26 13:10*	*02/13/26 20:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.9**		9.96		mg/Kg			02/13/26 07:38	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9483-5
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00454**		0.00199		mg/Kg		02/13/26 11:59	02/14/26 00:43	1
Toluene	**0.0240**		0.00199		mg/Kg		02/13/26 11:59	02/14/26 00:43	1
Ethylbenzene	**0.0110**		0.00199		mg/Kg		02/13/26 11:59	02/14/26 00:43	1
m-Xylene & p-Xylene	**0.0935**		0.00398		mg/Kg		02/13/26 11:59	02/14/26 00:43	1
o-Xylene	**0.0323**		0.00199		mg/Kg		02/13/26 11:59	02/14/26 00:43	1
Xylenes, Total	**0.126**		0.00398		mg/Kg		02/13/26 11:59	02/14/26 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*181*	*S1+*	*70 - 130*	*02/13/26 11:59*	*02/14/26 00:43*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*02/13/26 11:59*	*02/14/26 00:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.165**		0.00398		mg/Kg			02/14/26 00:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**457**		49.9		mg/Kg			02/13/26 20:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/12/26 13:10	02/13/26 20:43	1
Diesel Range Organics (Over C10-C28)	**457**		49.9		mg/Kg		02/12/26 13:10	02/13/26 20:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/26 13:10	02/13/26 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*02/12/26 13:10*	*02/13/26 20:43*	*1*
o-Terphenyl (Surr)	*125*		*70 - 130*	*02/12/26 13:10*	*02/13/26 20:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**928**	**F1**	50.4		mg/Kg			02/13/26 03:28	5

Client Sample ID: BH - 2 (2')

Lab Sample ID: 890-9483-6
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 11:59	02/14/26 01:04	1
Toluene	**0.00463**		0.00200		mg/Kg		02/13/26 11:59	02/14/26 01:04	1
Ethylbenzene	**0.00845**		0.00200		mg/Kg		02/13/26 11:59	02/14/26 01:04	1
m-Xylene & p-Xylene	**0.0134**		0.00399		mg/Kg		02/13/26 11:59	02/14/26 01:04	1
o-Xylene	**0.112**		0.00200		mg/Kg		02/13/26 11:59	02/14/26 01:04	1
Xylenes, Total	**0.125**		0.00399		mg/Kg		02/13/26 11:59	02/14/26 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*	*02/13/26 11:59*	*02/14/26 01:04*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*02/13/26 11:59*	*02/14/26 01:04*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 2 (2')

Lab Sample ID: 890-9483-6
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.138**		0.00399		mg/Kg			02/14/26 01:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/13/26 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		02/12/26 13:10	02/13/26 20:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:10	02/13/26 20:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:10	02/13/26 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*02/12/26 13:10*	*02/13/26 20:58*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*02/12/26 13:10*	*02/13/26 20:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98.6**		10.0		mg/Kg			02/13/26 03:43	1

Client Sample ID: BH - 2 (3')

Lab Sample ID: 890-9483-7
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/13/26 11:59	02/14/26 01:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/13/26 11:59	02/14/26 01:24	1
Ethylbenzene	**0.00323**		0.00201		mg/Kg		02/13/26 11:59	02/14/26 01:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/13/26 11:59	02/14/26 01:24	1
o-Xylene	**0.00925**		0.00201		mg/Kg		02/13/26 11:59	02/14/26 01:24	1
Xylenes, Total	**0.00925**		0.00402		mg/Kg		02/13/26 11:59	02/14/26 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*02/13/26 11:59*	*02/14/26 01:24*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*02/13/26 11:59*	*02/14/26 01:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0125**		0.00402		mg/Kg			02/14/26 01:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/13/26 21:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/12/26 13:10	02/13/26 21:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/26 13:10	02/13/26 21:11	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 2 (3')

Lab Sample ID: 890-9483-7
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/26 13:10	02/13/26 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*02/12/26 13:10*	*02/13/26 21:11*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*02/12/26 13:10*	*02/13/26 21:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.2**		10.1		mg/Kg			02/13/26 03:49	1

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

Lab Sample ID: 890-9483-8
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.322**		0.0396		mg/Kg		02/13/26 11:59	02/14/26 02:26	20
Toluene	**6.75**		0.0396		mg/Kg		02/13/26 11:59	02/14/26 02:26	20
Ethylbenzene	**2.80**		0.0396		mg/Kg		02/13/26 11:59	02/14/26 02:26	20
m-Xylene & p-Xylene	**20.1**		2.02		mg/Kg		02/14/26 14:37	02/16/26 18:14	500
o-Xylene	**5.73**		0.0396		mg/Kg		02/13/26 11:59	02/14/26 02:26	20
Xylenes, Total	**27.8**		2.02		mg/Kg		02/14/26 14:37	02/16/26 18:14	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*415*	*S1+*	*70 - 130*	*02/13/26 11:59*	*02/14/26 02:26*	*20*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*02/13/26 11:59*	*02/14/26 02:26*	*20*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**35.7**		2.02		mg/Kg			02/16/26 18:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**5170**		49.9		mg/Kg			02/13/26 21:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**990**		49.9		mg/Kg		02/12/26 13:10	02/13/26 21:25	1
Diesel Range Organics (Over C10-C28)	**3950**		49.9		mg/Kg		02/12/26 13:10	02/13/26 21:25	1
Oil Range Organics (Over C28-C36)	**230**		49.9		mg/Kg		02/12/26 13:10	02/13/26 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*162*	*S1+*	*70 - 130*	*02/12/26 13:10*	*02/13/26 21:25*	*1*
o-Terphenyl (Surr)	*177*	*S1+*	*70 - 130*	*02/12/26 13:10*	*02/13/26 21:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2550**		99.2		mg/Kg			02/13/26 03:54	10

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 3 (2')

Lab Sample ID: 890-9483-9
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.89		0.0399		mg/Kg		02/13/26 11:59	02/14/26 02:46	20
Toluene	34.1		0.994		mg/Kg		02/14/26 14:37	02/16/26 18:35	500
Ethylbenzene	9.15	*1	0.994		mg/Kg		02/14/26 14:37	02/16/26 18:35	500
m-Xylene & p-Xylene	61.8		1.99		mg/Kg		02/14/26 14:37	02/16/26 18:35	500
o-Xylene	16.8		0.994		mg/Kg		02/14/26 14:37	02/16/26 18:35	500
Xylenes, Total	78.6		1.99		mg/Kg		02/14/26 14:37	02/16/26 18:35	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*636*	*S1+*	*70 - 130*	*02/13/26 11:59*	*02/14/26 02:46*	*20*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/13/26 11:59*	*02/14/26 02:46*	*20*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	125		1.99		mg/Kg			02/16/26 18:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6220		50.0		mg/Kg			02/13/26 21:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1720		50.0		mg/Kg		02/12/26 13:10	02/13/26 21:39	1
Diesel Range Organics (Over C10-C28)	4270		50.0		mg/Kg		02/12/26 13:10	02/13/26 21:39	1
Oil Range Organics (Over C28-C36)	225		50.0		mg/Kg		02/12/26 13:10	02/13/26 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*176*	*S1+*	*70 - 130*	*02/12/26 13:10*	*02/13/26 21:39*	*1*
o-Terphenyl (Surr)	*197*	*S1+*	*70 - 130*	*02/12/26 13:10*	*02/13/26 21:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	282		99.8		mg/Kg			02/13/26 03:59	10

Client Sample ID: BH - 3 (3')

Lab Sample ID: 890-9483-10
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00217		0.00202		mg/Kg		02/13/26 11:59	02/14/26 01:45	1
Toluene	0.0230		0.00202		mg/Kg		02/13/26 11:59	02/14/26 01:45	1
Ethylbenzene	0.0205		0.00202		mg/Kg		02/13/26 11:59	02/14/26 01:45	1
m-Xylene & p-Xylene	0.0652		0.00404		mg/Kg		02/13/26 11:59	02/14/26 01:45	1
o-Xylene	0.0764		0.00202		mg/Kg		02/13/26 11:59	02/14/26 01:45	1
Xylenes, Total	0.142		0.00404		mg/Kg		02/13/26 11:59	02/14/26 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*205*	*S1+*	*70 - 130*	*02/13/26 11:59*	*02/14/26 01:45*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*02/13/26 11:59*	*02/14/26 01:45*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 3 (3')

Lab Sample ID: 890-9483-10
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.187**		0.00404		mg/Kg			02/14/26 01:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**508**		49.8		mg/Kg			02/13/26 21:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/12/26 13:10	02/13/26 21:53	1
Diesel Range Organics (Over C10-C28)	**433**		49.8		mg/Kg		02/12/26 13:10	02/13/26 21:53	1
Oil Range Organics (Over C28-C36)	**74.7**		49.8		mg/Kg		02/12/26 13:10	02/13/26 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*02/12/26 13:10*	*02/13/26 21:53*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*02/12/26 13:10*	*02/13/26 21:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**94.7**		9.96		mg/Kg			02/13/26 04:15	1

Client Sample ID: BH - 3 (4')

Lab Sample ID: 890-9483-11
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/13/26 11:59	02/14/26 04:22	1
Toluene	**0.0137**		0.00201		mg/Kg		02/13/26 11:59	02/14/26 04:22	1
Ethylbenzene	**0.00812**		0.00201		mg/Kg		02/13/26 11:59	02/14/26 04:22	1
m-Xylene & p-Xylene	**0.0140**		0.00402		mg/Kg		02/13/26 11:59	02/14/26 04:22	1
o-Xylene	**0.0274**		0.00201		mg/Kg		02/13/26 11:59	02/14/26 04:22	1
Xylenes, Total	**0.0414**		0.00402		mg/Kg		02/13/26 11:59	02/14/26 04:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*02/13/26 11:59*	*02/14/26 04:22*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*02/13/26 11:59*	*02/14/26 04:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0632**		0.00402		mg/Kg			02/14/26 04:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**141**		50.0		mg/Kg			02/13/26 22:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 13:10	02/13/26 22:07	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 3 (4')

Lab Sample ID: 890-9483-11
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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)	77.3		50.0		mg/Kg		02/12/26 13:10	02/13/26 22:07	1
Oil Range Organics (Over C28-C36)	64.0		50.0		mg/Kg		02/12/26 13:10	02/13/26 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*02/12/26 13:10*	*02/13/26 22:07*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*02/12/26 13:10*	*02/13/26 22:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.2		49.6		mg/Kg			02/13/26 04:20	5

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

Lab Sample ID: 890-9483-12
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/13/26 11:59	02/14/26 04:42	1
Toluene	0.00282		0.00202		mg/Kg		02/13/26 11:59	02/14/26 04:42	1
Ethylbenzene	0.00361		0.00202		mg/Kg		02/13/26 11:59	02/14/26 04:42	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/13/26 11:59	02/14/26 04:42	1
o-Xylene	0.00886		0.00202		mg/Kg		02/13/26 11:59	02/14/26 04:42	1
Xylenes, Total	0.00886		0.00404		mg/Kg		02/13/26 11:59	02/14/26 04:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*02/13/26 11:59*	*02/14/26 04:42*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*02/13/26 11:59*	*02/14/26 04:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0153		0.00404		mg/Kg			02/14/26 04:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/13/26 22:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/12/26 13:10	02/13/26 22:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/26 13:10	02/13/26 22:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/26 13:10	02/13/26 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*02/12/26 13:10*	*02/13/26 22:21*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*02/12/26 13:10*	*02/13/26 22:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1780		50.1		mg/Kg			02/13/26 04:25	5

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 4 (2')

Lab Sample ID: 890-9483-13
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/26 11:59	02/14/26 05:03	1
Toluene	**0.00317**		0.00199		mg/Kg		02/13/26 11:59	02/14/26 05:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/26 11:59	02/14/26 05:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/26 11:59	02/14/26 05:03	1
o-Xylene	**0.00622**		0.00199		mg/Kg		02/13/26 11:59	02/14/26 05:03	1
Xylenes, Total	**0.00622**		0.00398		mg/Kg		02/13/26 11:59	02/14/26 05:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*02/13/26 11:59*	*02/14/26 05:03*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*02/13/26 11:59*	*02/14/26 05:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00939**		0.00398		mg/Kg			02/14/26 05:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/13/26 22:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 13:10	02/13/26 22:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:10	02/13/26 22:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:10	02/13/26 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*02/12/26 13:10*	*02/13/26 22:36*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*02/12/26 13:10*	*02/13/26 22:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**152**		10.1		mg/Kg			02/13/26 04:30	1

Client Sample ID: BH - 4 (3')

Lab Sample ID: 890-9483-14
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/26 11:59	02/14/26 05:23	1
Toluene	**0.00213**		0.00199		mg/Kg		02/13/26 11:59	02/14/26 05:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/26 11:59	02/14/26 05:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/26 11:59	02/14/26 05:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/26 11:59	02/14/26 05:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/26 11:59	02/14/26 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*02/13/26 11:59*	*02/14/26 05:23*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*02/13/26 11:59*	*02/14/26 05:23*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 4 (3')

Lab Sample ID: 890-9483-14
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/26 05:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/13/26 22:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		02/12/26 13:10	02/13/26 22:49	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/12/26 13:10	02/13/26 22:49	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/12/26 13:10	02/13/26 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*02/12/26 13:10*	*02/13/26 22:49*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*02/12/26 13:10*	*02/13/26 22:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		10.0		mg/Kg			02/13/26 04:36	1

Client Sample ID: BH - 4 (4')

Lab Sample ID: 890-9483-15
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 11:59	02/14/26 05:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 11:59	02/14/26 05:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 11:59	02/14/26 05:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/13/26 11:59	02/14/26 05:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 11:59	02/14/26 05:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/13/26 11:59	02/14/26 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*02/13/26 11:59*	*02/14/26 05:44*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*02/13/26 11:59*	*02/14/26 05:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/14/26 05:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/26 00:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/12/26 13:13	02/14/26 00:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 00:15	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 4 (4')

Lab Sample ID: 890-9483-15
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*02/12/26 13:13*	*02/14/26 00:15*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*02/12/26 13:13*	*02/14/26 00:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**109**		10.1		mg/Kg			02/13/26 04:41	1

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

Lab Sample ID: 890-9483-16
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *-	0.00202		mg/Kg		02/16/26 16:33	02/17/26 10:08	1
Toluene	<0.00202	U *-	0.00202		mg/Kg		02/16/26 16:33	02/17/26 10:08	1
Ethylbenzene	<0.00202	U *-	0.00202		mg/Kg		02/16/26 16:33	02/17/26 10:08	1
m-Xylene & p-Xylene	<0.00404	U *-	0.00404		mg/Kg		02/16/26 16:33	02/17/26 10:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/16/26 16:33	02/17/26 10:08	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/16/26 16:33	02/17/26 10:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*02/16/26 16:33*	*02/17/26 10:08*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*02/16/26 16:33*	*02/17/26 10:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/17/26 10:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/26 00:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/12/26 13:13	02/14/26 00:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 00:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 00:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*02/12/26 13:13*	*02/14/26 00:59*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*02/12/26 13:13*	*02/14/26 00:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2980**		201		mg/Kg			02/13/26 04:57	20

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 5 (2')

Lab Sample ID: 890-9483-17
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *-	0.00199		mg/Kg		02/16/26 16:33	02/17/26 10:28	1
Toluene	<0.00199	U *-	0.00199		mg/Kg		02/16/26 16:33	02/17/26 10:28	1
Ethylbenzene	<0.00199	U *-	0.00199		mg/Kg		02/16/26 16:33	02/17/26 10:28	1
m-Xylene & p-Xylene	<0.00398	U *-	0.00398		mg/Kg		02/16/26 16:33	02/17/26 10:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/16/26 16:33	02/17/26 10:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/16/26 16:33	02/17/26 10:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*142*	*S1+*	*70 - 130*	*02/16/26 16:33*	*02/17/26 10:28*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*02/16/26 16:33*	*02/17/26 10:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/17/26 10:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/26 01:12	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 *1	49.9		mg/Kg		02/12/26 13:13	02/14/26 01:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/26 13:13	02/14/26 01:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/26 13:13	02/14/26 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*02/12/26 13:13*	*02/14/26 01:12*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*02/12/26 13:13*	*02/14/26 01:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**339**		9.92		mg/Kg			02/13/26 05:02	1

Client Sample ID: BH - 5 (3')

Lab Sample ID: 890-9483-18
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *-	0.00198		mg/Kg		02/16/26 16:33	02/17/26 10:49	1
Toluene	<0.00198	U *-	0.00198		mg/Kg		02/16/26 16:33	02/17/26 10:49	1
Ethylbenzene	<0.00198	U *-	0.00198		mg/Kg		02/16/26 16:33	02/17/26 10:49	1
m-Xylene & p-Xylene	<0.00396	U *-	0.00396		mg/Kg		02/16/26 16:33	02/17/26 10:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/16/26 16:33	02/17/26 10:49	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/16/26 16:33	02/17/26 10:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*02/16/26 16:33*	*02/17/26 10:49*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*02/16/26 16:33*	*02/17/26 10:49*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 5 (3')

Lab Sample ID: 890-9483-18
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/17/26 10:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/26 01:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		02/12/26 13:13	02/14/26 01:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/26 13:13	02/14/26 01:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/26 13:13	02/14/26 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*02/12/26 13:13*	*02/14/26 01:27*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*02/12/26 13:13*	*02/14/26 01:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**314**		9.98		mg/Kg			02/13/26 05:17	1

Client Sample ID: BH - 5 (4')

Lab Sample ID: 890-9483-19
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *-	0.00200		mg/Kg		02/16/26 16:33	02/17/26 11:09	1
Toluene	<0.00200	U *-	0.00200		mg/Kg		02/16/26 16:33	02/17/26 11:09	1
Ethylbenzene	<0.00200	U *-	0.00200		mg/Kg		02/16/26 16:33	02/17/26 11:09	1
m-Xylene & p-Xylene	<0.00400	U *-	0.00400		mg/Kg		02/16/26 16:33	02/17/26 11:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 16:33	02/17/26 11:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/16/26 16:33	02/17/26 11:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*02/16/26 16:33*	*02/17/26 11:09*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*02/16/26 16:33*	*02/17/26 11:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/17/26 11:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/26 01:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/12/26 13:13	02/14/26 01:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 01:41	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 5 (4')

Lab Sample ID: 890-9483-19
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*02/12/26 13:13*	*02/14/26 01:41*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*02/12/26 13:13*	*02/14/26 01:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**145**		9.96		mg/Kg			02/13/26 05:23	1

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

Lab Sample ID: 890-9483-20
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 08:54	02/16/26 12:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 08:54	02/16/26 12:57	1
Ethylbenzene	**0.00221**		0.00200		mg/Kg		02/16/26 08:54	02/16/26 12:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/16/26 08:54	02/16/26 12:57	1
o-Xylene	**0.00537**		0.00200		mg/Kg		02/16/26 08:54	02/16/26 12:57	1
Xylenes, Total	**0.00537**		0.00399		mg/Kg		02/16/26 08:54	02/16/26 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*02/16/26 08:54*	*02/16/26 12:57*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*02/16/26 08:54*	*02/16/26 12:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00758**		0.00399		mg/Kg			02/16/26 12:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**52.8**		49.8		mg/Kg			02/14/26 01:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		02/12/26 13:13	02/14/26 01:56	1
Diesel Range Organics (Over C10-C28)	**52.8**		49.8		mg/Kg		02/12/26 13:13	02/14/26 01:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/26 13:13	02/14/26 01:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*02/12/26 13:13*	*02/14/26 01:56*	*1*
o-Terphenyl (Surr)	*128*		*70 - 130*	*02/12/26 13:13*	*02/14/26 01:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2570**		49.7		mg/Kg			02/13/26 05:28	5

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 6 (2')

Lab Sample ID: 890-9483-21
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 18:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 18:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 18:21	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/13/26 10:04	02/13/26 18:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 18:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/13/26 10:04	02/13/26 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*02/13/26 10:04*	*02/13/26 18:21*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*02/13/26 10:04*	*02/13/26 18:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/26 18:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/14/26 02:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		02/12/26 13:13	02/14/26 02:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/26 13:13	02/14/26 02:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/26 13:13	02/14/26 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*133*	*S1+*	*70 - 130*	*02/12/26 13:13*	*02/14/26 02:09*	*1*
o-Terphenyl (Surr)	*139*	*S1+*	*70 - 130*	*02/12/26 13:13*	*02/14/26 02:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2120**		49.7		mg/Kg			02/13/26 05:33	5

Client Sample ID: BH - 6 (3')

Lab Sample ID: 890-9483-22
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/13/26 10:04	02/13/26 18:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/13/26 10:04	02/13/26 18:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/13/26 10:04	02/13/26 18:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/13/26 10:04	02/13/26 18:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/13/26 10:04	02/13/26 18:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/13/26 10:04	02/13/26 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*02/13/26 10:04*	*02/13/26 18:41*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*02/13/26 10:04*	*02/13/26 18:41*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 6 (3')

Lab Sample ID: 890-9483-22
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/13/26 18:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/26 02:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/12/26 13:13	02/14/26 02:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 02:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 02:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*130*		*70 - 130*	*02/12/26 13:13*	*02/14/26 02:24*	*1*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*	*02/12/26 13:13*	*02/14/26 02:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**225**		49.8		mg/Kg			02/13/26 05:38	5

Client Sample ID: BH - 6 (4')

Lab Sample ID: 890-9483-23
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/13/26 10:04	02/13/26 19:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/13/26 10:04	02/13/26 19:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/13/26 10:04	02/13/26 19:02	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/13/26 10:04	02/13/26 19:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/13/26 10:04	02/13/26 19:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/13/26 10:04	02/13/26 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*02/13/26 10:04*	*02/13/26 19:02*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*02/13/26 10:04*	*02/13/26 19:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/13/26 19:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/26 02:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		02/12/26 13:13	02/14/26 02:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/26 13:13	02/14/26 02:38	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 6 (4')

Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Lab Sample ID: 890-9483-23

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/26 13:13	02/14/26 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*02/12/26 13:13*	*02/14/26 02:38*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*02/12/26 13:13*	*02/14/26 02:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**279**		49.6		mg/Kg			02/13/26 05:44	5

Surrogate Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-68212-A-1-G MS	Matrix Spike	81	81
880-68212-A-1-H MSD	Matrix Spike Duplicate	96	80
880-68232-A-1-E MS	Matrix Spike	103	112
880-68232-A-1-F MSD	Matrix Spike Duplicate	99	107
880-68286-A-21-E MS	Matrix Spike	129	107
880-68286-A-21-F MSD	Matrix Spike Duplicate	118	89
890-9483-1	BH - 1 (0-1')	147 S1+	89
890-9483-2	BH - 1 (2')	131 S1+	90
890-9483-2 MS	BH - 1 (2')	126	92
890-9483-2 MSD	BH - 1 (2')	132 S1+	99
890-9483-3	BH - 1 (3')	115	99
890-9483-4	BH - 1 (4')	111	95
890-9483-5	BH - 2 (0-1')	181 S1+	91
890-9483-6	BH - 2 (2')	139 S1+	107
890-9483-7	BH - 2 (3')	111	93
890-9483-8	BH - 3 (0-1')	415 S1+	71
890-9483-9	BH - 3 (2')	636 S1+	98
890-9483-10	BH - 3 (3')	205 S1+	93
890-9483-11	BH - 3 (4')	137 S1+	90
890-9483-12	BH - 4 (0-1')	122	93
890-9483-13	BH - 4 (2')	116	87
890-9483-14	BH - 4 (3')	111	93
890-9483-15	BH - 4 (4')	117	87
890-9483-16	BH - 5 (0-1')	134 S1+	96
890-9483-17	BH - 5 (2')	142 S1+	90
890-9483-18	BH - 5 (3')	128	91
890-9483-19	BH - 5 (4')	133 S1+	92
890-9483-20	BH - 6 (0-1')	116	108
890-9483-21	BH - 6 (2')	122	96
890-9483-22	BH - 6 (3')	113	92
890-9483-23	BH - 6 (4')	114	96
890-9485-A-1-C MS	Matrix Spike	109	100
890-9485-A-1-D MSD	Matrix Spike Duplicate	106	90
LCS 880-131714/1-A	Lab Control Sample	103	91
LCS 880-131736/1-A	Lab Control Sample	116	90
LCS 880-131829/1-A	Lab Control Sample	106	83
LCS 880-131871/1-A	Lab Control Sample	101	113
LCS 880-131999/1-A	Lab Control Sample	118	88
LCSD 880-131714/2-A	Lab Control Sample Dup	104	124
LCSD 880-131736/2-A	Lab Control Sample Dup	110	92
LCSD 880-131829/2-A	Lab Control Sample Dup	125	87
LCSD 880-131871/2-A	Lab Control Sample Dup	105	115
LCSD 880-131999/2-A	Lab Control Sample Dup	117	109
MB 880-131708/5-A	Method Blank	114	87
MB 880-131714/5-A	Method Blank	105	85
MB 880-131736/5-A	Method Blank	114	87
MB 880-131829/5-A	Method Blank	119	84
MB 880-131871/5-A	Method Blank	102	113
MB 880-131946/5-A	Method Blank	123	86

Surrogate Summary

Client: Carmona Resources
Job ID: 890-9483-1
Project/Site: BONNIE 35 FED COM 4 H
SDG: Eddy County New Mexico

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

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
MB 880-131999/5-A	Method Blank	124	81

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-68118-A-41-C MS	Matrix Spike	112	104
880-68118-A-41-D MSD	Matrix Spike Duplicate	114	105
890-9483-1	BH - 1 (0-1')	156 S1+	164 S1+
890-9483-2	BH - 1 (2')	84	89
890-9483-3	BH - 1 (3')	108	115
890-9483-4	BH - 1 (4')	106	112
890-9483-5	BH - 2 (0-1')	113	125
890-9483-6	BH - 2 (2')	117	120
890-9483-7	BH - 2 (3')	100	104
890-9483-8	BH - 3 (0-1')	162 S1+	177 S1+
890-9483-9	BH - 3 (2')	176 S1+	197 S1+
890-9483-10	BH - 3 (3')	102	112
890-9483-11	BH - 3 (4')	108	113
890-9483-12	BH - 4 (0-1')	114	120
890-9483-13	BH - 4 (2')	111	114
890-9483-14	BH - 4 (3')	103	108
890-9483-15	BH - 4 (4')	102	109
890-9483-15 MS	BH - 4 (4')	123	106
890-9483-15 MSD	BH - 4 (4')	117	109
890-9483-16	BH - 5 (0-1')	114	121
890-9483-17	BH - 5 (2')	113	119
890-9483-18	BH - 5 (3')	77	81
890-9483-19	BH - 5 (4')	111	117
890-9483-20	BH - 6 (0-1')	123	128
890-9483-21	BH - 6 (2')	133 S1+	139 S1+
890-9483-22	BH - 6 (3')	130	135 S1+
890-9483-23	BH - 6 (4')	111	112
LCS 880-131627/2-A	Lab Control Sample	110	104
LCS 880-131628/2-A	Lab Control Sample	127	117
LCSD 880-131627/3-A	Lab Control Sample Dup	108	104
LCSD 880-131628/3-A	Lab Control Sample Dup	146 S1+	134 S1+
MB 880-131627/1-A	Method Blank	78	84
MB 880-131628/1-A	Method Blank	85	92

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-131708/5-A
Matrix: Solid
Analysis Batch: 131690

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131708

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:34	02/13/26 12:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:34	02/13/26 12:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:34	02/13/26 12:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/26 09:34	02/13/26 12:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:34	02/13/26 12:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/26 09:34	02/13/26 12:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*02/13/26 09:34*	*02/13/26 12:17*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*02/13/26 09:34*	*02/13/26 12:17*	*1*

Lab Sample ID: MB 880-131714/5-A
Matrix: Solid
Analysis Batch: 131688

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131714

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 12:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 12:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 12:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/26 10:04	02/13/26 12:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 12:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/26 10:04	02/13/26 12:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/13/26 10:04*	*02/13/26 12:40*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*02/13/26 10:04*	*02/13/26 12:40*	*1*

Lab Sample ID: LCS 880-131714/1-A
Matrix: Solid
Analysis Batch: 131688

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09356		mg/Kg		94	70 - 130
Toluene	0.100	0.08502		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.08337		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	0.200	0.1759		mg/Kg		88	70 - 130
o-Xylene	0.100	0.09564		mg/Kg		96	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 880-131714/2-A
Matrix: Solid
Analysis Batch: 131688

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131714

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08985		mg/Kg		90	70 - 130	4	35

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCSD 880-131714/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131688 — **Prep Batch: 131714**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.08754		mg/Kg		88	70 - 130	3	35
Ethylbenzene			0.100	0.08514		mg/Kg		85	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1809		mg/Kg		90	70 - 130	3	35
o-Xylene			0.100	0.09844		mg/Kg		98	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*124*		*70 - 130*

Lab Sample ID: 890-9485-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131688 — **Prep Batch: 131714**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09728		mg/Kg		97	70 - 130
Toluene	<0.00200	U	0.100	0.08942		mg/Kg		89	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08446		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1810		mg/Kg		91	70 - 130
o-Xylene	<0.00200	U	0.100	0.09746		mg/Kg		97	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 890-9485-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131688 — **Prep Batch: 131714**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09783		mg/Kg		98	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.09042		mg/Kg		90	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.08600		mg/Kg		86	70 - 130	2	35
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1826		mg/Kg		91	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09808		mg/Kg		98	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: MB 880-131736/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131690 — **Prep Batch: 131736**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 11:59	02/13/26 23:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 11:59	02/13/26 23:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 11:59	02/13/26 23:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/26 11:59	02/13/26 23:19	1

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

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

Lab Sample ID: MB 880-131736/5-A
Matrix: Solid
Analysis Batch: 131690

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131736

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 11:59	02/13/26 23:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/26 11:59	02/13/26 23:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*02/13/26 11:59*	*02/13/26 23:19*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*02/13/26 11:59*	*02/13/26 23:19*	*1*

Lab Sample ID: LCS 880-131736/1-A
Matrix: Solid
Analysis Batch: 131690

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131736

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1156		mg/Kg		116	70 - 130
Toluene	0.100	0.1042		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.1246		mg/Kg		125	70 - 130
m-Xylene & p-Xylene	0.200	0.2184		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1108		mg/Kg		111	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: LCSD 880-131736/2-A
Matrix: Solid
Analysis Batch: 131690

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131736

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1208		mg/Kg		121	70 - 130	4	35
Toluene	0.100	0.1051		mg/Kg		105	70 - 130	1	35
Ethylbenzene	0.100	0.08968		mg/Kg		90	70 - 130	33	35
m-Xylene & p-Xylene	0.200	0.1579		mg/Kg		79	70 - 130	32	35
o-Xylene	0.100	0.08015		mg/Kg		80	70 - 130	32	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 890-9483-2 MS
Matrix: Solid
Analysis Batch: 131690

Client Sample ID: BH - 1 (2')
Prep Type: Total/NA
Prep Batch: 131736

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07913		mg/Kg		78	70 - 130
Toluene	0.00500	F1	0.100	0.07228	F1	mg/Kg		67	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.07294		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	0.0619		0.200	0.2305		mg/Kg		84	70 - 130
o-Xylene	0.0362		0.100	0.1164		mg/Kg		80	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9483-2 MS
Matrix: Solid
Analysis Batch: 131690

Client Sample ID: BH - 1 (2')
Prep Type: Total/NA
Prep Batch: 131736

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 890-9483-2 MSD
Matrix: Solid
Analysis Batch: 131690

Client Sample ID: BH - 1 (2')
Prep Type: Total/NA
Prep Batch: 131736

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.07491		mg/Kg		73	70 - 130	5	35
Toluene	0.00500	F1	0.100	0.06522	F1	mg/Kg		60	70 - 130	10	35
Ethylbenzene	<0.00200	U F1	0.100	0.06465	F1	mg/Kg		65	70 - 130	12	35
m-Xylene & p-Xylene	0.0619		0.200	0.2198		mg/Kg		79	70 - 130	5	35
o-Xylene	0.0362		0.100	0.1164		mg/Kg		80	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-131829/5-A
Matrix: Solid
Analysis Batch: 131865

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131829

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/14/26 14:37	02/16/26 15:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/26 14:37	02/16/26 15:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/14/26 14:37	02/16/26 15:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/14/26 14:37	02/16/26 15:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/26 14:37	02/16/26 15:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/14/26 14:37	02/16/26 15:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	02/14/26 14:37	02/16/26 15:08	1
1,4-Difluorobenzene (Surr)	84		70 - 130	02/14/26 14:37	02/16/26 15:08	1

Lab Sample ID: LCS 880-131829/1-A
Matrix: Solid
Analysis Batch: 131865

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131829

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09646		mg/Kg		96	70 - 130
Toluene	0.100	0.09666		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.1025		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.1740		mg/Kg		87	70 - 130
o-Xylene	0.100	0.08787		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-131829/1-A
Matrix: Solid
Analysis Batch: 131865

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131829

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene (Surr)	83		70 - 130

Lab Sample ID: LCSD 880-131829/2-A
Matrix: Solid
Analysis Batch: 131865

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131829

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09246		mg/Kg		92	70 - 130	4	35
Toluene			0.100	0.08119		mg/Kg		81	70 - 130	17	35
Ethylbenzene			0.100	0.07091	*1	mg/Kg		71	70 - 130	36	35
m-Xylene & p-Xylene			0.200	0.1617		mg/Kg		81	70 - 130	7	35
o-Xylene			0.100	0.08026		mg/Kg		80	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 880-68212-A-1-G MS
Matrix: Solid
Analysis Batch: 131865

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131829

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09745		mg/Kg		97	70 - 130
Toluene	<0.00200	U	0.100	0.09877		mg/Kg		99	70 - 130
Ethylbenzene	<0.00200	U *1	0.100	0.08005		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1408		mg/Kg		70	70 - 130
o-Xylene	<0.00200	U	0.100	0.07308		mg/Kg		73	70 - 130

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

Lab Sample ID: 880-68212-A-1-H MSD
Matrix: Solid
Analysis Batch: 131865

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131829

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09411		mg/Kg		94	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.08503		mg/Kg		85	70 - 130	15	35
Ethylbenzene	<0.00200	U *1	0.100	0.08496		mg/Kg		85	70 - 130	6	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1355	F1	mg/Kg		68	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.07015		mg/Kg		70	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

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

Lab Sample ID: MB 880-131871/5-A
Matrix: Solid
Analysis Batch: 131866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131871

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 08:00	02/16/26 10:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 08:00	02/16/26 10:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 08:00	02/16/26 10:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/16/26 08:00	02/16/26 10:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 08:00	02/16/26 10:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/16/26 08:00	02/16/26 10:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*02/16/26 08:00*	*02/16/26 10:52*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*02/16/26 08:00*	*02/16/26 10:52*	*1*

Lab Sample ID: LCS 880-131871/1-A
Matrix: Solid
Analysis Batch: 131866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131871

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08912		mg/Kg		89	70 - 130		
Toluene			0.100	0.08605		mg/Kg		86	70 - 130		
Ethylbenzene			0.100	0.09447		mg/Kg		94	70 - 130		
m-Xylene & p-Xylene			0.200	0.1847		mg/Kg		92	70 - 130		
o-Xylene			0.100	0.09021		mg/Kg		90	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: LCSD 880-131871/2-A
Matrix: Solid
Analysis Batch: 131866

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131871

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08657		mg/Kg		87	70 - 130	3	35
Toluene			0.100	0.08449		mg/Kg		84	70 - 130	2	35
Ethylbenzene			0.100	0.09408		mg/Kg		94	70 - 130	0	35
m-Xylene & p-Xylene			0.200	0.1814		mg/Kg		91	70 - 130	2	35
o-Xylene			0.100	0.08591		mg/Kg		86	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*

Lab Sample ID: 880-68232-A-1-E MS
Matrix: Solid
Analysis Batch: 131866

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131871

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.08049		mg/Kg		80	70 - 130		
Toluene	<0.00200	U	0.100	0.07714		mg/Kg		77	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-68232-A-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131866 — **Prep Batch: 131871**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08727		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1668		mg/Kg		83	70 - 130
o-Xylene	<0.00200	U	0.100	0.08103		mg/Kg		81	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*

Lab Sample ID: 880-68232-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131866 — **Prep Batch: 131871**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08234		mg/Kg		82	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.07987		mg/Kg		80	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.08776		mg/Kg		88	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1696		mg/Kg		85	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.08275		mg/Kg		83	70 - 130	2	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: MB 880-131946/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131826 — **Prep Batch: 131946**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 13:03	02/16/26 17:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 13:03	02/16/26 17:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 13:03	02/16/26 17:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/16/26 13:03	02/16/26 17:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 13:03	02/16/26 17:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/16/26 13:03	02/16/26 17:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*02/16/26 13:03*	*02/16/26 17:22*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*02/16/26 13:03*	*02/16/26 17:22*	*1*

Lab Sample ID: MB 880-131999/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131826 — **Prep Batch: 131999**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 16:33	02/17/26 04:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 16:33	02/17/26 04:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 16:33	02/17/26 04:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/16/26 16:33	02/17/26 04:20	1

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

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

Lab Sample ID: MB 880-131999/5-A
Matrix: Solid
Analysis Batch: 131826

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131999

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 16:33	02/17/26 04:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/16/26 16:33	02/17/26 04:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*02/16/26 16:33*	*02/17/26 04:20*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*02/16/26 16:33*	*02/17/26 04:20*	*1*

Lab Sample ID: LCS 880-131999/1-A
Matrix: Solid
Analysis Batch: 131826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131999

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07004		mg/Kg		70	70 - 130
Toluene	0.100	0.07245		mg/Kg		72	70 - 130
Ethylbenzene	0.100	0.07295		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	0.200	0.1554		mg/Kg		78	70 - 130
o-Xylene	0.100	0.08793		mg/Kg		88	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*

Lab Sample ID: LCSD 880-131999/2-A
Matrix: Solid
Analysis Batch: 131826

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131999

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.05707	*-	mg/Kg		57	70 - 130	20	35
Toluene	0.100	0.06070	*-	mg/Kg		61	70 - 130	18	35
Ethylbenzene	0.100	0.06280	*-	mg/Kg		63	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.1335	*-	mg/Kg		67	70 - 130	15	35
o-Xylene	0.100	0.07578		mg/Kg		76	70 - 130	15	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-68286-A-21-E MS
Matrix: Solid
Analysis Batch: 131826

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131999

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U *-	0.100	0.07599		mg/Kg		76	70 - 130
Toluene	<0.00200	U *-	0.100	0.08401		mg/Kg		84	70 - 130
Ethylbenzene	<0.00200	U *-	0.100	0.08716		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00399	U *-	0.200	0.1871		mg/Kg		94	70 - 130
o-Xylene	<0.00200	U	0.100	0.1052		mg/Kg		105	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-68286-A-21-E MS
Matrix: Solid
Analysis Batch: 131826

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131999

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 880-68286-A-21-F MSD
Matrix: Solid
Analysis Batch: 131826

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131999

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U *-	0.100	0.07662		mg/Kg		77	70 - 130	1	35
Toluene	<0.00200	U *-	0.100	0.07999		mg/Kg		80	70 - 130	5	35
Ethylbenzene	<0.00200	U *-	0.100	0.08263		mg/Kg		83	70 - 130	5	35
m-Xylene & p-Xylene	<0.00399	U *-	0.200	0.1750		mg/Kg		88	70 - 130	7	35
o-Xylene	<0.00200	U	0.100	0.09825		mg/Kg		98	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

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

Lab Sample ID: MB 880-131627/1-A
Matrix: Solid
Analysis Batch: 131695

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131627

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 13:10	02/13/26 16:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:10	02/13/26 16:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:10	02/13/26 16:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*78*		*70 - 130*	*02/12/26 13:10*	*02/13/26 16:45*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*02/12/26 13:10*	*02/13/26 16:45*	*1*

Lab Sample ID: LCS 880-131627/2-A
Matrix: Solid
Analysis Batch: 131695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131627

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	997.2		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	909.8		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	*110*		*70 - 130*
o-Terphenyl (Surr)	*104*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCSD 880-131627/3-A
Matrix: Solid
Analysis Batch: 131695

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131627

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	990.0		mg/Kg		99	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	896.8		mg/Kg		90	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*108*		*70 - 130*
o-Terphenyl (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-68118-A-41-C MS
Matrix: Solid
Analysis Batch: 131695

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131627

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	1000	952.0		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	<50.2	U	1000	709.8		mg/Kg		71	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*112*		*70 - 130*
o-Terphenyl (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-68118-A-41-D MSD
Matrix: Solid
Analysis Batch: 131695

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131627

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	1000	971.8		mg/Kg		97	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.2	U	1000	748.5		mg/Kg		75	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*114*		*70 - 130*
o-Terphenyl (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 880-131628/1-A
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131628

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/13/26 23:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/13/26 23:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/13/26 23:33	1

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

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

Lab Sample ID: MB 880-131628/1-A
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131628

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130	02/12/26 13:13	02/13/26 23:33	1
o-Terphenyl (Surr)	92		70 - 130	02/12/26 13:13	02/13/26 23:33	1

Lab Sample ID: LCS 880-131628/2-A
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131628

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	861.0		mg/Kg		86	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1018		mg/Kg		102	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	127		70 - 130
o-Terphenyl (Surr)	117		70 - 130

Lab Sample ID: LCSD 880-131628/3-A
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131628

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1093	*1	mg/Kg		109	70 - 130	24	20
Diesel Range Organics (Over C10-C28)			1000	1239		mg/Kg		124	70 - 130	20	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	146	S1+	70 - 130
o-Terphenyl (Surr)	134	S1+	70 - 130

Lab Sample ID: 890-9483-15 MS
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: BH - 4 (4')
Prep Type: Total/NA
Prep Batch: 131628

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	997	979.5		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	905.8		mg/Kg		91	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	123		70 - 130
o-Terphenyl (Surr)	106		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9483-15 MSD — **Client Sample ID: BH - 4 (4')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131697 — **Prep Batch: 131628**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	997	1033		mg/Kg		104	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	916.7		mg/Kg		92	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*117*		*70 - 130*
o-Terphenyl (Surr)	*109*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131635/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131647

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/13/26 04:18	1

Lab Sample ID: LCS 880-131635/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131647

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.6		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-131635/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131647

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	240.5		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-68126-A-4-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131647

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.1	U	252	263.3		mg/Kg		101	90 - 110

Lab Sample ID: 880-68126-A-4-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131647

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.1	U	252	259.7		mg/Kg		100	90 - 110	1	20

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-68148-A-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131647

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	6800		2480	9054		mg/Kg		91	90 - 110

Lab Sample ID: 880-68148-A-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131647

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6800		2480	9083		mg/Kg		92	90 - 110	0	20

Lab Sample ID: MB 880-131637/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131669

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/13/26 03:12	1

Lab Sample ID: LCS 880-131637/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131669

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	234.7		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-131637/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131669

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	234.8		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 890-9483-5 MS — **Client Sample ID: BH - 2 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131669

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	928	F1	1260	2427	F1	mg/Kg		119	90 - 110

Lab Sample ID: 890-9483-5 MSD — **Client Sample ID: BH - 2 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131669

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	928	F1	1260	2429	F1	mg/Kg		119	90 - 110	0	20

Lab Sample ID: 890-9483-15 MS — **Client Sample ID: BH - 4 (4')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131669

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	109		252	373.8		mg/Kg		105	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-9483-15 MSD
Matrix: Solid
Analysis Batch: 131669

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	109		252	373.6		mg/Kg		105	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

GC VOA

Analysis Batch: 131688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-21	BH - 6 (2')	Total/NA	Solid	8021B	131714
890-9483-22	BH - 6 (3')	Total/NA	Solid	8021B	131714
890-9483-23	BH - 6 (4')	Total/NA	Solid	8021B	131714
MB 880-131714/5-A	Method Blank	Total/NA	Solid	8021B	131714
LCS 880-131714/1-A	Lab Control Sample	Total/NA	Solid	8021B	131714
LCSD 880-131714/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131714
890-9485-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	131714
890-9485-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	131714

Analysis Batch: 131690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-2	BH - 1 (2')	Total/NA	Solid	8021B	131736
890-9483-3	BH - 1 (3')	Total/NA	Solid	8021B	131736
890-9483-4	BH - 1 (4')	Total/NA	Solid	8021B	131736
890-9483-5	BH - 2 (0-1')	Total/NA	Solid	8021B	131736
890-9483-6	BH - 2 (2')	Total/NA	Solid	8021B	131736
890-9483-7	BH - 2 (3')	Total/NA	Solid	8021B	131736
890-9483-8	BH - 3 (0-1')	Total/NA	Solid	8021B	131736
890-9483-9	BH - 3 (2')	Total/NA	Solid	8021B	131736
890-9483-10	BH - 3 (3')	Total/NA	Solid	8021B	131736
890-9483-11	BH - 3 (4')	Total/NA	Solid	8021B	131736
890-9483-12	BH - 4 (0-1')	Total/NA	Solid	8021B	131736
890-9483-13	BH - 4 (2')	Total/NA	Solid	8021B	131736
890-9483-14	BH - 4 (3')	Total/NA	Solid	8021B	131736
890-9483-15	BH - 4 (4')	Total/NA	Solid	8021B	131736
MB 880-131708/5-A	Method Blank	Total/NA	Solid	8021B	131708
MB 880-131736/5-A	Method Blank	Total/NA	Solid	8021B	131736
LCS 880-131736/1-A	Lab Control Sample	Total/NA	Solid	8021B	131736
LCSD 880-131736/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131736
890-9483-2 MS	BH - 1 (2')	Total/NA	Solid	8021B	131736
890-9483-2 MSD	BH - 1 (2')	Total/NA	Solid	8021B	131736

Prep Batch: 131708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-131708/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 131714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-21	BH - 6 (2')	Total/NA	Solid	5035	
890-9483-22	BH - 6 (3')	Total/NA	Solid	5035	
890-9483-23	BH - 6 (4')	Total/NA	Solid	5035	
MB 880-131714/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131714/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131714/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9485-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-9485-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 131736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-2	BH - 1 (2')	Total/NA	Solid	5035	
890-9483-3	BH - 1 (3')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

GC VOA (Continued)

Prep Batch: 131736 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-4	BH - 1 (4')	Total/NA	Solid	5035	
890-9483-5	BH - 2 (0-1')	Total/NA	Solid	5035	
890-9483-6	BH - 2 (2')	Total/NA	Solid	5035	
890-9483-7	BH - 2 (3')	Total/NA	Solid	5035	
890-9483-8	BH - 3 (0-1')	Total/NA	Solid	5035	
890-9483-9	BH - 3 (2')	Total/NA	Solid	5035	
890-9483-10	BH - 3 (3')	Total/NA	Solid	5035	
890-9483-11	BH - 3 (4')	Total/NA	Solid	5035	
890-9483-12	BH - 4 (0-1')	Total/NA	Solid	5035	
890-9483-13	BH - 4 (2')	Total/NA	Solid	5035	
890-9483-14	BH - 4 (3')	Total/NA	Solid	5035	
890-9483-15	BH - 4 (4')	Total/NA	Solid	5035	
MB 880-131736/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131736/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131736/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9483-2 MS	BH - 1 (2')	Total/NA	Solid	5035	
890-9483-2 MSD	BH - 1 (2')	Total/NA	Solid	5035	

Analysis Batch: 131826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-16	BH - 5 (0-1')	Total/NA	Solid	8021B	131999
890-9483-17	BH - 5 (2')	Total/NA	Solid	8021B	131999
890-9483-18	BH - 5 (3')	Total/NA	Solid	8021B	131999
890-9483-19	BH - 5 (4')	Total/NA	Solid	8021B	131999
MB 880-131946/5-A	Method Blank	Total/NA	Solid	8021B	131946
MB 880-131999/5-A	Method Blank	Total/NA	Solid	8021B	131999
LCS 880-131999/1-A	Lab Control Sample	Total/NA	Solid	8021B	131999
LCSD 880-131999/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131999
880-68286-A-21-E MS	Matrix Spike	Total/NA	Solid	8021B	131999
880-68286-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	131999

Prep Batch: 131829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-1	BH - 1 (0-1')	Total/NA	Solid	5035	
890-9483-8	BH - 3 (0-1')	Total/NA	Solid	5035	
890-9483-9	BH - 3 (2')	Total/NA	Solid	5035	
MB 880-131829/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131829/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131829/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68212-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
880-68212-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 131859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-1	BH - 1 (0-1')	Total/NA	Solid	Total BTEX	
890-9483-2	BH - 1 (2')	Total/NA	Solid	Total BTEX	
890-9483-3	BH - 1 (3')	Total/NA	Solid	Total BTEX	
890-9483-4	BH - 1 (4')	Total/NA	Solid	Total BTEX	
890-9483-5	BH - 2 (0-1')	Total/NA	Solid	Total BTEX	
890-9483-6	BH - 2 (2')	Total/NA	Solid	Total BTEX	
890-9483-7	BH - 2 (3')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

GC VOA (Continued)

Analysis Batch: 131859 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-8	BH - 3 (0-1')	Total/NA	Solid	Total BTEX	
890-9483-9	BH - 3 (2')	Total/NA	Solid	Total BTEX	
890-9483-10	BH - 3 (3')	Total/NA	Solid	Total BTEX	
890-9483-11	BH - 3 (4')	Total/NA	Solid	Total BTEX	
890-9483-12	BH - 4 (0-1')	Total/NA	Solid	Total BTEX	
890-9483-13	BH - 4 (2')	Total/NA	Solid	Total BTEX	
890-9483-14	BH - 4 (3')	Total/NA	Solid	Total BTEX	
890-9483-15	BH - 4 (4')	Total/NA	Solid	Total BTEX	
890-9483-16	BH - 5 (0-1')	Total/NA	Solid	Total BTEX	
890-9483-17	BH - 5 (2')	Total/NA	Solid	Total BTEX	
890-9483-18	BH - 5 (3')	Total/NA	Solid	Total BTEX	
890-9483-19	BH - 5 (4')	Total/NA	Solid	Total BTEX	
890-9483-20	BH - 6 (0-1')	Total/NA	Solid	Total BTEX	
890-9483-21	BH - 6 (2')	Total/NA	Solid	Total BTEX	
890-9483-22	BH - 6 (3')	Total/NA	Solid	Total BTEX	
890-9483-23	BH - 6 (4')	Total/NA	Solid	Total BTEX	

Analysis Batch: 131865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-1	BH - 1 (0-1')	Total/NA	Solid	8021B	131829
890-9483-8	BH - 3 (0-1')	Total/NA	Solid	8021B	131829
890-9483-9	BH - 3 (2')	Total/NA	Solid	8021B	131829
MB 880-131829/5-A	Method Blank	Total/NA	Solid	8021B	131829
LCS 880-131829/1-A	Lab Control Sample	Total/NA	Solid	8021B	131829
LCSD 880-131829/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131829
880-68212-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	131829
880-68212-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	131829

Analysis Batch: 131866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-20	BH - 6 (0-1')	Total/NA	Solid	8021B	131871
MB 880-131871/5-A	Method Blank	Total/NA	Solid	8021B	131871
LCS 880-131871/1-A	Lab Control Sample	Total/NA	Solid	8021B	131871
LCSD 880-131871/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131871
880-68232-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	131871
880-68232-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	131871

Prep Batch: 131871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-20	BH - 6 (0-1')	Total/NA	Solid	5035	
MB 880-131871/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131871/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131871/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68232-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-68232-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 131946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-131946/5-A	Method Blank	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

GC VOA

Prep Batch: 131999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-16	BH - 5 (0-1')	Total/NA	Solid	5035	
890-9483-17	BH - 5 (2')	Total/NA	Solid	5035	
890-9483-18	BH - 5 (3')	Total/NA	Solid	5035	
890-9483-19	BH - 5 (4')	Total/NA	Solid	5035	
MB 880-131999/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131999/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131999/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68286-A-21-E MS	Matrix Spike	Total/NA	Solid	5035	
880-68286-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 131627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-1	BH - 1 (0-1')	Total/NA	Solid	8015NM Prep	
890-9483-2	BH - 1 (2')	Total/NA	Solid	8015NM Prep	
890-9483-3	BH - 1 (3')	Total/NA	Solid	8015NM Prep	
890-9483-4	BH - 1 (4')	Total/NA	Solid	8015NM Prep	
890-9483-5	BH - 2 (0-1')	Total/NA	Solid	8015NM Prep	
890-9483-6	BH - 2 (2')	Total/NA	Solid	8015NM Prep	
890-9483-7	BH - 2 (3')	Total/NA	Solid	8015NM Prep	
890-9483-8	BH - 3 (0-1')	Total/NA	Solid	8015NM Prep	
890-9483-9	BH - 3 (2')	Total/NA	Solid	8015NM Prep	
890-9483-10	BH - 3 (3')	Total/NA	Solid	8015NM Prep	
890-9483-11	BH - 3 (4')	Total/NA	Solid	8015NM Prep	
890-9483-12	BH - 4 (0-1')	Total/NA	Solid	8015NM Prep	
890-9483-13	BH - 4 (2')	Total/NA	Solid	8015NM Prep	
890-9483-14	BH - 4 (3')	Total/NA	Solid	8015NM Prep	
MB 880-131627/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131627/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131627/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68118-A-41-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68118-A-41-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 131628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-15	BH - 4 (4')	Total/NA	Solid	8015NM Prep	
890-9483-16	BH - 5 (0-1')	Total/NA	Solid	8015NM Prep	
890-9483-17	BH - 5 (2')	Total/NA	Solid	8015NM Prep	
890-9483-18	BH - 5 (3')	Total/NA	Solid	8015NM Prep	
890-9483-19	BH - 5 (4')	Total/NA	Solid	8015NM Prep	
890-9483-20	BH - 6 (0-1')	Total/NA	Solid	8015NM Prep	
890-9483-21	BH - 6 (2')	Total/NA	Solid	8015NM Prep	
890-9483-22	BH - 6 (3')	Total/NA	Solid	8015NM Prep	
890-9483-23	BH - 6 (4')	Total/NA	Solid	8015NM Prep	
MB 880-131628/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131628/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131628/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9483-15 MS	BH - 4 (4')	Total/NA	Solid	8015NM Prep	
890-9483-15 MSD	BH - 4 (4')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

GC Semi VOA

Analysis Batch: 131695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-1	BH - 1 (0-1')	Total/NA	Solid	8015B NM	131627
890-9483-2	BH - 1 (2')	Total/NA	Solid	8015B NM	131627
890-9483-3	BH - 1 (3')	Total/NA	Solid	8015B NM	131627
890-9483-4	BH - 1 (4')	Total/NA	Solid	8015B NM	131627
890-9483-5	BH - 2 (0-1')	Total/NA	Solid	8015B NM	131627
890-9483-6	BH - 2 (2')	Total/NA	Solid	8015B NM	131627
890-9483-7	BH - 2 (3')	Total/NA	Solid	8015B NM	131627
890-9483-8	BH - 3 (0-1')	Total/NA	Solid	8015B NM	131627
890-9483-9	BH - 3 (2')	Total/NA	Solid	8015B NM	131627
890-9483-10	BH - 3 (3')	Total/NA	Solid	8015B NM	131627
890-9483-11	BH - 3 (4')	Total/NA	Solid	8015B NM	131627
890-9483-12	BH - 4 (0-1')	Total/NA	Solid	8015B NM	131627
890-9483-13	BH - 4 (2')	Total/NA	Solid	8015B NM	131627
890-9483-14	BH - 4 (3')	Total/NA	Solid	8015B NM	131627
MB 880-131627/1-A	Method Blank	Total/NA	Solid	8015B NM	131627
LCS 880-131627/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131627
LCSD 880-131627/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131627
880-68118-A-41-C MS	Matrix Spike	Total/NA	Solid	8015B NM	131627
880-68118-A-41-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131627

Analysis Batch: 131697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-15	BH - 4 (4')	Total/NA	Solid	8015B NM	131628
890-9483-16	BH - 5 (0-1')	Total/NA	Solid	8015B NM	131628
890-9483-17	BH - 5 (2')	Total/NA	Solid	8015B NM	131628
890-9483-18	BH - 5 (3')	Total/NA	Solid	8015B NM	131628
890-9483-19	BH - 5 (4')	Total/NA	Solid	8015B NM	131628
890-9483-20	BH - 6 (0-1')	Total/NA	Solid	8015B NM	131628
890-9483-21	BH - 6 (2')	Total/NA	Solid	8015B NM	131628
890-9483-22	BH - 6 (3')	Total/NA	Solid	8015B NM	131628
890-9483-23	BH - 6 (4')	Total/NA	Solid	8015B NM	131628
MB 880-131628/1-A	Method Blank	Total/NA	Solid	8015B NM	131628
LCS 880-131628/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131628
LCSD 880-131628/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131628
890-9483-15 MS	BH - 4 (4')	Total/NA	Solid	8015B NM	131628
890-9483-15 MSD	BH - 4 (4')	Total/NA	Solid	8015B NM	131628

Analysis Batch: 131940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-1	BH - 1 (0-1')	Total/NA	Solid	8015 NM	
890-9483-2	BH - 1 (2')	Total/NA	Solid	8015 NM	
890-9483-3	BH - 1 (3')	Total/NA	Solid	8015 NM	
890-9483-4	BH - 1 (4')	Total/NA	Solid	8015 NM	
890-9483-5	BH - 2 (0-1')	Total/NA	Solid	8015 NM	
890-9483-6	BH - 2 (2')	Total/NA	Solid	8015 NM	
890-9483-7	BH - 2 (3')	Total/NA	Solid	8015 NM	
890-9483-8	BH - 3 (0-1')	Total/NA	Solid	8015 NM	
890-9483-9	BH - 3 (2')	Total/NA	Solid	8015 NM	
890-9483-10	BH - 3 (3')	Total/NA	Solid	8015 NM	
890-9483-11	BH - 3 (4')	Total/NA	Solid	8015 NM	
890-9483-12	BH - 4 (0-1')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 131940 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-13	BH - 4 (2')	Total/NA	Solid	8015 NM	
890-9483-14	BH - 4 (3')	Total/NA	Solid	8015 NM	
890-9483-15	BH - 4 (4')	Total/NA	Solid	8015 NM	
890-9483-16	BH - 5 (0-1')	Total/NA	Solid	8015 NM	
890-9483-17	BH - 5 (2')	Total/NA	Solid	8015 NM	
890-9483-18	BH - 5 (3')	Total/NA	Solid	8015 NM	
890-9483-19	BH - 5 (4')	Total/NA	Solid	8015 NM	
890-9483-20	BH - 6 (0-1')	Total/NA	Solid	8015 NM	
890-9483-21	BH - 6 (2')	Total/NA	Solid	8015 NM	
890-9483-22	BH - 6 (3')	Total/NA	Solid	8015 NM	
890-9483-23	BH - 6 (4')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-1	BH - 1 (0-1')	Soluble	Solid	DI Leach	
890-9483-2	BH - 1 (2')	Soluble	Solid	DI Leach	
890-9483-3	BH - 1 (3')	Soluble	Solid	DI Leach	
890-9483-4	BH - 1 (4')	Soluble	Solid	DI Leach	
MB 880-131635/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131635/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131635/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68126-A-4-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68126-A-4-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-68148-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68148-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 131637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-5	BH - 2 (0-1')	Soluble	Solid	DI Leach	
890-9483-6	BH - 2 (2')	Soluble	Solid	DI Leach	
890-9483-7	BH - 2 (3')	Soluble	Solid	DI Leach	
890-9483-8	BH - 3 (0-1')	Soluble	Solid	DI Leach	
890-9483-9	BH - 3 (2')	Soluble	Solid	DI Leach	
890-9483-10	BH - 3 (3')	Soluble	Solid	DI Leach	
890-9483-11	BH - 3 (4')	Soluble	Solid	DI Leach	
890-9483-12	BH - 4 (0-1')	Soluble	Solid	DI Leach	
890-9483-13	BH - 4 (2')	Soluble	Solid	DI Leach	
890-9483-14	BH - 4 (3')	Soluble	Solid	DI Leach	
890-9483-15	BH - 4 (4')	Soluble	Solid	DI Leach	
890-9483-16	BH - 5 (0-1')	Soluble	Solid	DI Leach	
890-9483-17	BH - 5 (2')	Soluble	Solid	DI Leach	
890-9483-18	BH - 5 (3')	Soluble	Solid	DI Leach	
890-9483-19	BH - 5 (4')	Soluble	Solid	DI Leach	
890-9483-20	BH - 6 (0-1')	Soluble	Solid	DI Leach	
890-9483-21	BH - 6 (2')	Soluble	Solid	DI Leach	
890-9483-22	BH - 6 (3')	Soluble	Solid	DI Leach	
890-9483-23	BH - 6 (4')	Soluble	Solid	DI Leach	
MB 880-131637/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131637/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

HPLC/IC (Continued)

Leach Batch: 131637 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-131637/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9483-5 MS	BH - 2 (0-1')	Soluble	Solid	DI Leach	
890-9483-5 MSD	BH - 2 (0-1')	Soluble	Solid	DI Leach	
890-9483-15 MS	BH - 4 (4')	Soluble	Solid	DI Leach	
890-9483-15 MSD	BH - 4 (4')	Soluble	Solid	DI Leach	

Analysis Batch: 131647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-1	BH - 1 (0-1')	Soluble	Solid	300.0	131635
890-9483-2	BH - 1 (2')	Soluble	Solid	300.0	131635
890-9483-3	BH - 1 (3')	Soluble	Solid	300.0	131635
890-9483-4	BH - 1 (4')	Soluble	Solid	300.0	131635
MB 880-131635/1-A	Method Blank	Soluble	Solid	300.0	131635
LCS 880-131635/2-A	Lab Control Sample	Soluble	Solid	300.0	131635
LCSD 880-131635/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131635
880-68126-A-4-C MS	Matrix Spike	Soluble	Solid	300.0	131635
880-68126-A-4-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	131635
880-68148-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	131635
880-68148-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	131635

Analysis Batch: 131669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-5	BH - 2 (0-1')	Soluble	Solid	300.0	131637
890-9483-6	BH - 2 (2')	Soluble	Solid	300.0	131637
890-9483-7	BH - 2 (3')	Soluble	Solid	300.0	131637
890-9483-8	BH - 3 (0-1')	Soluble	Solid	300.0	131637
890-9483-9	BH - 3 (2')	Soluble	Solid	300.0	131637
890-9483-10	BH - 3 (3')	Soluble	Solid	300.0	131637
890-9483-11	BH - 3 (4')	Soluble	Solid	300.0	131637
890-9483-12	BH - 4 (0-1')	Soluble	Solid	300.0	131637
890-9483-13	BH - 4 (2')	Soluble	Solid	300.0	131637
890-9483-14	BH - 4 (3')	Soluble	Solid	300.0	131637
890-9483-15	BH - 4 (4')	Soluble	Solid	300.0	131637
890-9483-16	BH - 5 (0-1')	Soluble	Solid	300.0	131637
890-9483-17	BH - 5 (2')	Soluble	Solid	300.0	131637
890-9483-18	BH - 5 (3')	Soluble	Solid	300.0	131637
890-9483-19	BH - 5 (4')	Soluble	Solid	300.0	131637
890-9483-20	BH - 6 (0-1')	Soluble	Solid	300.0	131637
890-9483-21	BH - 6 (2')	Soluble	Solid	300.0	131637
890-9483-22	BH - 6 (3')	Soluble	Solid	300.0	131637
890-9483-23	BH - 6 (4')	Soluble	Solid	300.0	131637
MB 880-131637/1-A	Method Blank	Soluble	Solid	300.0	131637
LCS 880-131637/2-A	Lab Control Sample	Soluble	Solid	300.0	131637
LCSD 880-131637/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131637
890-9483-5 MS	BH - 2 (0-1')	Soluble	Solid	300.0	131637
890-9483-5 MSD	BH - 2 (0-1')	Soluble	Solid	300.0	131637
890-9483-15 MS	BH - 4 (4')	Soluble	Solid	300.0	131637
890-9483-15 MSD	BH - 4 (4')	Soluble	Solid	300.0	131637

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9483-1
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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	131829	02/14/26 14:37	AA	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	131865	02/16/26 17:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/16/26 17:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/13/26 19:33	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	131627	02/12/26 13:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/13/26 19:33	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131635	02/12/26 13:31	SA	EET MID
Soluble	Analysis	300.0		5			131647	02/13/26 07:18	SMC	EET MID

Client Sample ID: BH - 1 (2')

Lab Sample ID: 890-9483-2
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep 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	131736	02/13/26 11:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131690	02/13/26 23:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/13/26 23:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/13/26 19:47	SA	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10.00 mL	131627	02/12/26 13:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/13/26 19:47	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131635	02/12/26 13:31	SA	EET MID
Soluble	Analysis	300.0		1			131647	02/13/26 07:25	SMC	EET MID

Client Sample ID: BH - 1 (3')

Lab Sample ID: 890-9483-3
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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	131736	02/13/26 11:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131690	02/14/26 00:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/14/26 00:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/13/26 20:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131627	02/12/26 13:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/13/26 20:01	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131635	02/12/26 13:31	SA	EET MID
Soluble	Analysis	300.0		1			131647	02/13/26 07:32	SMC	EET MID

Client Sample ID: BH - 1 (4')

Lab Sample ID: 890-9483-4
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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	131736	02/13/26 11:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131690	02/14/26 00:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/14/26 00:22	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 1 (4')

Lab Sample ID: 890-9483-4
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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			131940	02/13/26 20:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131627	02/12/26 13:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/13/26 20:15	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131635	02/12/26 13:31	SA	EET MID
Soluble	Analysis	300.0		1			131647	02/13/26 07:38	SMC	EET MID

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

Lab Sample ID: 890-9483-5
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep 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	131736	02/13/26 11:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131690	02/14/26 00:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/14/26 00:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/13/26 20:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131627	02/12/26 13:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/13/26 20:43	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		5			131669	02/13/26 03:28	SMC	EET MID

Client Sample ID: BH - 2 (2')

Lab Sample ID: 890-9483-6
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep 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	131736	02/13/26 11:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131690	02/14/26 01:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/14/26 01:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/13/26 20:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131627	02/12/26 13:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/13/26 20:58	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		1			131669	02/13/26 03:43	SMC	EET MID

Client Sample ID: BH - 2 (3')

Lab Sample ID: 890-9483-7
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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	131736	02/13/26 11:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131690	02/14/26 01:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/14/26 01:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/13/26 21:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131627	02/12/26 13:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/13/26 21:11	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 2 (3')

Lab Sample ID: 890-9483-7
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		1			131669	02/13/26 03:49	SMC	EET MID

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

Lab Sample ID: 890-9483-8
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep 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	131736	02/13/26 11:59	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	131690	02/14/26 02:26	MNR	EET MID
Total/NA	Prep	5035			4.95 g	5 mL	131829	02/14/26 14:37	AA	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	131865	02/16/26 18:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/16/26 18:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/13/26 21:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131627	02/12/26 13:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/13/26 21:25	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		10			131669	02/13/26 03:54	SMC	EET MID

Client Sample ID: BH - 3 (2')

Lab Sample ID: 890-9483-9
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep 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	131736	02/13/26 11:59	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	131690	02/14/26 02:46	MNR	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	131829	02/14/26 14:37	AA	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	131865	02/16/26 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/16/26 18:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/13/26 21:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131627	02/12/26 13:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/13/26 21:39	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		10			131669	02/13/26 03:59	SMC	EET MID

Client Sample ID: BH - 3 (3')

Lab Sample ID: 890-9483-10
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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	131736	02/13/26 11:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131690	02/14/26 01:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/14/26 01:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/13/26 21:53	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 3 (3')

Lab Sample ID: 890-9483-10
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131627	02/12/26 13:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/13/26 21:53	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		1			131669	02/13/26 04:15	SMC	EET MID

Client Sample ID: BH - 3 (4')

Lab Sample ID: 890-9483-11
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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	131736	02/13/26 11:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131690	02/14/26 04:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/14/26 04:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/13/26 22:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131627	02/12/26 13:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/13/26 22:07	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		5			131669	02/13/26 04:20	SMC	EET MID

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

Lab Sample ID: 890-9483-12
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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	131736	02/13/26 11:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131690	02/14/26 04:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/14/26 04:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/13/26 22:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131627	02/12/26 13:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/13/26 22:21	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		5			131669	02/13/26 04:25	SMC	EET MID

Client Sample ID: BH - 4 (2')

Lab Sample ID: 890-9483-13
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep 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	131736	02/13/26 11:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131690	02/14/26 05:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/14/26 05:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/13/26 22:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131627	02/12/26 13:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/13/26 22:36	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 4 (2')

Lab Sample ID: 890-9483-13
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		1			131669	02/13/26 04:30	SMC	EET MID

Client Sample ID: BH - 4 (3')

Lab Sample ID: 890-9483-14
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep 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	131736	02/13/26 11:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131690	02/14/26 05:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/14/26 05:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/13/26 22:49	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131627	02/12/26 13:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131695	02/13/26 22:49	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		1			131669	02/13/26 04:36	SMC	EET MID

Client Sample ID: BH - 4 (4')

Lab Sample ID: 890-9483-15
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep 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	131736	02/13/26 11:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131690	02/14/26 05:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/14/26 05:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/14/26 00:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 00:15	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		1			131669	02/13/26 04:41	SMC	EET MID

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

Lab Sample ID: 890-9483-16
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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	131999	02/16/26 16:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131826	02/17/26 10:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/17/26 10:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/14/26 00:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 00:59	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		20			131669	02/13/26 04:57	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 5 (2')

Lab Sample ID: 890-9483-17
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep 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	131999	02/16/26 16:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131826	02/17/26 10:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/17/26 10:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/14/26 01:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 01:12	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		1			131669	02/13/26 05:02	SMC	EET MID

Client Sample ID: BH - 5 (3')

Lab Sample ID: 890-9483-18
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep 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	131999	02/16/26 16:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131826	02/17/26 10:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/17/26 10:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/14/26 01:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 01:27	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		1			131669	02/13/26 05:17	SMC	EET MID

Client Sample ID: BH - 5 (4')

Lab Sample ID: 890-9483-19
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep 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	131999	02/16/26 16:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131826	02/17/26 11:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/17/26 11:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/14/26 01:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 01:41	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		1			131669	02/13/26 05:23	SMC	EET MID

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

Lab Sample ID: 890-9483-20
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep 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	131871	02/16/26 08:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131866	02/16/26 12:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/16/26 12:57	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9483-20
Date Collected: 02/11/26 00:00
Matrix: Solid
Date Received: 02/11/26 14:13

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			131940	02/14/26 01:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 01:56	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		5			131669	02/13/26 05:28	SMC	EET MID

Client Sample ID: BH - 6 (2')

Lab Sample ID: 890-9483-21
Date Collected: 02/11/26 00:00
Matrix: Solid
Date Received: 02/11/26 14:13

Prep 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	131714	02/13/26 10:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131688	02/13/26 18:21	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/13/26 18:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/14/26 02:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 02:09	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		5			131669	02/13/26 05:33	SMC	EET MID

Client Sample ID: BH - 6 (3')

Lab Sample ID: 890-9483-22
Date Collected: 02/11/26 00:00
Matrix: Solid
Date Received: 02/11/26 14:13

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	131714	02/13/26 10:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131688	02/13/26 18:41	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/13/26 18:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/14/26 02:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 02:24	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		5			131669	02/13/26 05:38	SMC	EET MID

Client Sample ID: BH - 6 (4')

Lab Sample ID: 890-9483-23
Date Collected: 02/11/26 00:00
Matrix: Solid
Date Received: 02/11/26 14:13

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	131714	02/13/26 10:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131688	02/13/26 19:02	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131859	02/13/26 19:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			131940	02/14/26 02:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 02:38	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Client Sample ID: BH - 6 (4')

Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Lab Sample ID: 890-9483-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		5			131669	02/13/26 05:44	SMC	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
Job ID: 890-9483-1
Project/Site: BONNIE 35 FED COM 4 H
SDG: Eddy County New Mexico

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9483-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9483-1	BH - 1 (0-1')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-2	BH - 1 (2')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-3	BH - 1 (3')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-4	BH - 1 (4')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-5	BH - 2 (0-1')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-6	BH - 2 (2')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-7	BH - 2 (3')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-8	BH - 3 (0-1')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-9	BH - 3 (2')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-10	BH - 3 (3')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-11	BH - 3 (4')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-12	BH - 4 (0-1')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-13	BH - 4 (2')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-14	BH - 4 (3')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-15	BH - 4 (4')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-16	BH - 5 (0-1')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-17	BH - 5 (2')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-18	BH - 5 (3')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-19	BH - 5 (4')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-20	BH - 6 (0-1')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-21	BH - 6 (2')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-22	BH - 6 (3')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9483-23	BH - 6 (4')	Solid	02/11/26 00:00	02/11/26 14:13	Texas

Released to Imaging: 5/6/2026 4:20:08 PM
Received by OCD: 4/22/2026 6:58:20 AM

Chain of Custody

Work Order No: _____

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ rownfields ☐ RC ☐ perfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Fed Com 4H	Turn Around	
Project Number:	3099	☐ Routine	☑ Rush
Project Location	Eddy County, New Mexico	Due Date:	72 Hours
Sampler's Name:	JDC		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	Tnmec
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.4
Total Containers:		Corrected Temperature:	2.2

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
BH-1 (0-1')	2/11/2026		X		G	1		X	X	X		
BH-1 (2')	2/11/2026		X		G	1		X	X	X		
BH-1 (3')	2/11/2026		X		G	1		X	X	X		
BH-1 (4')	2/11/2026		X		G	1		X	X	X		
BH-2 (0-1')	2/11/2026		X		G	1		X	X	X		
BH-2 (2')	2/11/2026		X		G	1		X	X	X		
BH-2 (3')	2/11/2026		X		G	1		X	X	X		
BH-3 (0-1')	2/11/2026		X		G	1		X	X	X		
BH-3 (2')	2/11/2026		X		G	1		X	X	X		
BH-3 (3')	2/11/2026		X		G	1		X	X	X		

890-9483 Chain of Custody

Preservative Codes

None: NO	DI Water: H_2O
Cool: Cool	MeOH: Me
HCL: HC	HNO_3: HN
H_2S0_4: H_2	NaOH: Na
H_3PO_4: HP	
$NaHSO_4$: NABIS	
$Na_2S_2O_3$: $NaSO_3$	
Zn Acetate+NaOH: Zn	
NaOH+Ascorbic Acid: SAPC	

Comments:

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

Released to Imaging: 5/6/2026 4:20:08 PM
Received by OCD: 4/22/2026 6:58:20 AM

Chain of Custody

Work Order No: _____

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Fed Com 4H	Turn Around	
Project Number:	3099	☐ Routine	☑ Rush
Project Location	Eddy County, New Mexico	Due Date:	72 Hours
Sampler's Name:	JDC		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	Tomco2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.4
Total Containers:		Corrected Temperature:	3.2

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
BH-3 (4')	2/11/2026		X		G	1		X	X	X		
BH-4 (0-1')	2/11/2026		X		G	1		X	X	X		
BH-4 (2')	2/11/2026		X		G	1		X	X	X		
BH-4 (3')	2/11/2026		X		G	1		X	X	X		
BH-4 (4')	2/11/2026		X		G	1		X	X	X		
BH-5 (0-1')	2/11/2026		X		G	1		X	X	X		
BH-5 (2')	2/11/2026		X		G	1		X	X	X		
BH-5 (3')	2/11/2026		X		G	1		X	X	X		
BH-5 (4')	2/11/2026		X		G	1		X	X	X		
BH-6 (0-1')	2/11/2026		X		G	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			2/11 1413

Released to Imaging: 5/6/2026 4:20:08 PM
Received by OCD: 4/22/2026 6:58:20 AM

Chain of Custody

Work Order No: _____

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Fed Com 4H	Turn Around	☐ Routine ☑ Rush
Project Number:	3099	Due Date:	72 Hours
Project Location	Eddy County, New Mexico		
Sampler's Name:	JDC		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	Thermo 7
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.4
Total Containers:		Corrected Temperature:	2.2

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
BH-6 (2')	2/11/2026		X		G	1		X	X	X		
BH-6 (3')	2/11/2026		X		G	1		X	X	X		
BH-6 (4')	2/11/2026		X		G	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			2/11 1413

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6492 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9483-1
Address: 1211 W Florida Ave, ,	Due Date Requested: 2/16/2026			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: BONNIE 35 FED COM 4 H	Project #: 88001161			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
BH - 1 (0-1') (890-9483-1)	2/11/26	Central	G	Solid			X	X	X	X	X	1	
BH - 1 (2') (890-9483-2)	2/11/26	Central	G	Solid			X	X	X	X	X	1	
BH - 1 (3') (890-9483-3)	2/11/26	Central	G	Solid			X	X	X	X	X	1	
BH - 1 (4') (890-9483-4)	2/11/26	Central	G	Solid			X	X	X	X	X	1	
BH - 2 (0-1') (890-9483-5)	2/11/26	Central	G	Solid			X	X	X	X	X	1	
BH - 2 (2') (890-9483-6)	2/11/26	Central	G	Solid			X	X	X	X	X	1	
BH - 2 (3') (890-9483-7)	2/11/26	Central	G	Solid			X	X	X	X	X	1	
BH - 3 (0-1') (890-9483-8)	2/11/26	Central	G	Solid			X	X	X	X	X	1	
BH - 3 (2') (890-9483-9)	2/11/26	Central	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested. I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by	Date.	Time	Method of Shipment:

Relinquished by	Date/Time:	Company	Received by	Date/Time:	Company
	2-11 1630			2126 930	
Relinquished by	Date/Time:	Company	Received by	Date/Time:	Company
Relinquished by	Date/Time:	Company	Received by	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver: 10/10/2024

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2/17/2026
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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9483-1
SDG Number: Eddy County New Mexico

Login Number: 9483
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9483-1
SDG Number: Eddy County New Mexico

Login Number: 9483
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 02/12/26 10:39 AM

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/16/2026 1:23:22 PM

JOB DESCRIPTION

BONNIE 35 FED COM 4 H
Eddy County New Mexico

JOB NUMBER

890-9485-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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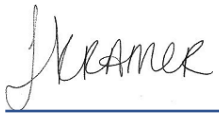
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
2/16/2026 1:23:22 PM

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

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Laboratory Job ID: 890-9485-1
SDG: Eddy County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1

Job ID: 890-9485-1 Eurofins Carlsbad

Job Narrative
890-9485-1

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

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

Receipt
The samples were received on 2/11/2026 2:13 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: H - 1 (0-0.5') (890-9485-1), H - 2 (0-0.5') (890-9485-2), H - 3 (0-0.5') (890-9485-3), H - 4 (0-0.5') (890-9485-4), H - 5 (0-0.5') (890-9485-5), H - 6 (0-0.5') (890-9485-6), H - 7 (0-0.5') (890-9485-7), H - 8 (0-0.5') (890-9485-8) and H - 9 (0-0.5') (890-9485-9).

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

Diesel Range Organics
Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-131628 and analytical batch 880-131697 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-131628/3-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131637 and analytical batch 880-131669 were outside control limits for Chloride . See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: (890-9483-A-5-B), (890-9483-A-5-C MS) and (890-9483-A-5-D MSD).

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: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9485-1
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 13:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 13:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 13:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/26 10:04	02/13/26 13:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 13:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/26 10:04	02/13/26 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*02/13/26 10:04*	*02/13/26 13:01*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/13/26 10:04*	*02/13/26 13:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/13/26 13:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/26 02:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/12/26 13:13	02/14/26 02:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 02:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*02/12/26 13:13*	*02/14/26 02:53*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*02/12/26 13:13*	*02/14/26 02:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.4**		10.1		mg/Kg			02/13/26 11:04	1

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

Lab Sample ID: 890-9485-2
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/13/26 10:04	02/13/26 13:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/13/26 10:04	02/13/26 13:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/13/26 10:04	02/13/26 13:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/13/26 10:04	02/13/26 13:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/13/26 10:04	02/13/26 13:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/13/26 10:04	02/13/26 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*02/13/26 10:04*	*02/13/26 13:22*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/13/26 10:04*	*02/13/26 13:22*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9485-2
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/13/26 13:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/26 03:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		02/12/26 13:13	02/14/26 03:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/26 13:13	02/14/26 03:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/26 13:13	02/14/26 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*02/12/26 13:13*	*02/14/26 03:22*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*02/12/26 13:13*	*02/14/26 03:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.7**		9.92		mg/Kg			02/13/26 22:39	1

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

Lab Sample ID: 890-9485-3
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 13:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 13:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 13:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/13/26 10:04	02/13/26 13:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 13:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/13/26 10:04	02/13/26 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*02/13/26 10:04*	*02/13/26 13:42*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/13/26 10:04*	*02/13/26 13:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/13/26 13:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/26 03:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/12/26 13:13	02/14/26 03:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 03:35	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9485-3
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 03:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*02/12/26 13:13*	*02/14/26 03:35*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*02/12/26 13:13*	*02/14/26 03:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.7**		10.1		mg/Kg			02/13/26 22:45	1

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

Lab Sample ID: 890-9485-4
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/26 10:04	02/13/26 14:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/26 10:04	02/13/26 14:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/26 10:04	02/13/26 14:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/26 10:04	02/13/26 14:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/26 10:04	02/13/26 14:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/26 10:04	02/13/26 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*02/13/26 10:04*	*02/13/26 14:03*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/13/26 10:04*	*02/13/26 14:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/26 14:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/14/26 03:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		02/12/26 13:13	02/14/26 03:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/26 13:13	02/14/26 03:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/26 13:13	02/14/26 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*02/12/26 13:13*	*02/14/26 03:50*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*02/12/26 13:13*	*02/14/26 03:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.9**		10.0		mg/Kg			02/13/26 23:01	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9485-5
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 14:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 14:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 14:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/13/26 10:04	02/13/26 14:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 14:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/13/26 10:04	02/13/26 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*02/13/26 10:04*	*02/13/26 14:23*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/13/26 10:04*	*02/13/26 14:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/26 14:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/26 04:04	1

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

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*02/12/26 13:13*	*02/14/26 04:04*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*02/12/26 13:13*	*02/14/26 04:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.9**		9.94		mg/Kg			02/13/26 23:06	1

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

Lab Sample ID: 890-9485-6
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/13/26 10:04	02/13/26 14:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/13/26 10:04	02/13/26 14:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/13/26 10:04	02/13/26 14:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/13/26 10:04	02/13/26 14:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/13/26 10:04	02/13/26 14:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/13/26 10:04	02/13/26 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*	*02/13/26 10:04*	*02/13/26 14:43*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*02/13/26 10:04*	*02/13/26 14:43*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9485-6
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/13/26 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/26 04:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/12/26 13:13	02/14/26 04:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 04:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 04:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*02/12/26 13:13*	*02/14/26 04:19*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*02/12/26 13:13*	*02/14/26 04:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.0**		9.92		mg/Kg			02/13/26 23:11	1

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

Lab Sample ID: 890-9485-7
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/13/26 10:04	02/13/26 15:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/13/26 10:04	02/13/26 15:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/13/26 10:04	02/13/26 15:04	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/13/26 10:04	02/13/26 15:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/13/26 10:04	02/13/26 15:04	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/13/26 10:04	02/13/26 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*61*	*S1-*	*70 - 130*	*02/13/26 10:04*	*02/13/26 15:04*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*02/13/26 10:04*	*02/13/26 15:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/13/26 15:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/26 04:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		02/12/26 13:13	02/14/26 04:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/26 13:13	02/14/26 04:32	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9485-7
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/26 13:13	02/14/26 04:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*02/12/26 13:13*	*02/14/26 04:32*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*02/12/26 13:13*	*02/14/26 04:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.2**		10.0		mg/Kg			02/13/26 23:17	1

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

Lab Sample ID: 890-9485-8
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/26 10:04	02/13/26 17:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/26 10:04	02/13/26 17:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/26 10:04	02/13/26 17:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/26 10:04	02/13/26 17:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/26 10:04	02/13/26 17:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/26 10:04	02/13/26 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*02/13/26 10:04*	*02/13/26 17:40*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/13/26 10:04*	*02/13/26 17:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/26 17:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/26 04:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/12/26 13:13	02/14/26 04:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 04:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/14/26 04:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*02/12/26 13:13*	*02/14/26 04:47*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*02/12/26 13:13*	*02/14/26 04:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.4**		10.0		mg/Kg			02/13/26 23:22	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

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

Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Lab Sample ID: 890-9485-9

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/13/26 10:04	02/13/26 18:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/13/26 10:04	02/13/26 18:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/13/26 10:04	02/13/26 18:00	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/13/26 10:04	02/13/26 18:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/13/26 10:04	02/13/26 18:00	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/13/26 10:04	02/13/26 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*02/13/26 10:04*	*02/13/26 18:00*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/13/26 10:04*	*02/13/26 18:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/13/26 18:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/14/26 05:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		02/12/26 13:13	02/14/26 05:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/26 13:13	02/14/26 05:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/26 13:13	02/14/26 05:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*02/12/26 13:13*	*02/14/26 05:00*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*02/12/26 13:13*	*02/14/26 05:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			02/13/26 23:27	1

Surrogate Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-9485-1	H - 1 (0-0.5')	126	101
890-9485-1 MS	H - 1 (0-0.5')	109	100
890-9485-1 MSD	H - 1 (0-0.5')	106	90
890-9485-2	H - 2 (0-0.5')	108	97
890-9485-3	H - 3 (0-0.5')	116	99
890-9485-4	H - 4 (0-0.5')	119	101
890-9485-5	H - 5 (0-0.5')	113	100
890-9485-6	H - 6 (0-0.5')	75	82
890-9485-7	H - 7 (0-0.5')	61 S1-	90
890-9485-8	H - 8 (0-0.5')	119	98
890-9485-9	H - 9 (0-0.5')	117	100
LCS 880-131714/1-A	Lab Control Sample	103	91
LCSD 880-131714/2-A	Lab Control Sample Dup	104	124
MB 880-131714/5-A	Method Blank	105	85

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9483-A-15-B MS	Matrix Spike	123	106
890-9483-A-15-C MSD	Matrix Spike Duplicate	117	109
890-9485-1	H - 1 (0-0.5')	100	105
890-9485-2	H - 2 (0-0.5')	101	103
890-9485-3	H - 3 (0-0.5')	105	112
890-9485-4	H - 4 (0-0.5')	101	106
890-9485-5	H - 5 (0-0.5')	100	108
890-9485-6	H - 6 (0-0.5')	114	116
890-9485-7	H - 7 (0-0.5')	106	111
890-9485-8	H - 8 (0-0.5')	111	112
890-9485-9	H - 9 (0-0.5')	113	116
LCS 880-131628/2-A	Lab Control Sample	127	117
LCSD 880-131628/3-A	Lab Control Sample Dup	146 S1+	134 S1+
MB 880-131628/1-A	Method Blank	85	92

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-131714/5-A
Matrix: Solid
Analysis Batch: 131688

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131714

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 12:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 12:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 12:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/26 10:04	02/13/26 12:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 12:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/26 10:04	02/13/26 12:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/13/26 10:04*	*02/13/26 12:40*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*02/13/26 10:04*	*02/13/26 12:40*	*1*

Lab Sample ID: LCS 880-131714/1-A
Matrix: Solid
Analysis Batch: 131688

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09356		mg/Kg		94	70 - 130
Toluene	0.100	0.08502		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.08337		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	0.200	0.1759		mg/Kg		88	70 - 130
o-Xylene	0.100	0.09564		mg/Kg		96	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 880-131714/2-A
Matrix: Solid
Analysis Batch: 131688

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131714

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08985		mg/Kg		90	70 - 130	4	35
Toluene	0.100	0.08754		mg/Kg		88	70 - 130	3	35
Ethylbenzene	0.100	0.08514		mg/Kg		85	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1809		mg/Kg		90	70 - 130	3	35
o-Xylene	0.100	0.09844		mg/Kg		98	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*124*		*70 - 130*

Lab Sample ID: 890-9485-1 MS
Matrix: Solid
Analysis Batch: 131688

Client Sample ID: H - 1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 131714

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09728		mg/Kg		97	70 - 130
Toluene	<0.00200	U	0.100	0.08942		mg/Kg		89	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9485-1 MS — **Client Sample ID: H - 1 (0-0.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131688 — **Prep Batch: 131714**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08446		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1810		mg/Kg		91	70 - 130
o-Xylene	<0.00200	U	0.100	0.09746		mg/Kg		97	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 890-9485-1 MSD — **Client Sample ID: H - 1 (0-0.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131688 — **Prep Batch: 131714**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09783		mg/Kg		98	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.09042		mg/Kg		90	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.08600		mg/Kg		86	70 - 130	2	35
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1826		mg/Kg		91	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09808		mg/Kg		98	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

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

Lab Sample ID: MB 880-131628/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131697 — **Prep Batch: 131628**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/13/26 23:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/13/26 23:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/26 13:13	02/13/26 23:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*02/12/26 13:13*	*02/13/26 23:33*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*02/12/26 13:13*	*02/13/26 23:33*	*1*

Lab Sample ID: LCS 880-131628/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131697 — **Prep Batch: 131628**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	861.0		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1018		mg/Kg		102	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-131628/2-A
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131628

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	127		70 - 130
o-Terphenyl (Surr)	117		70 - 130

Lab Sample ID: LCSD 880-131628/3-A
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131628

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1093	*1	mg/Kg		109	70 - 130	24	20
Diesel Range Organics (Over C10-C28)			1000	1239		mg/Kg		124	70 - 130	20	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	146	S1+	70 - 130
o-Terphenyl (Surr)	134	S1+	70 - 130

Lab Sample ID: 890-9483-A-15-B MS
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131628

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	997	979.5		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	905.8		mg/Kg		91	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	123		70 - 130
o-Terphenyl (Surr)	106		70 - 130

Lab Sample ID: 890-9483-A-15-C MSD
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131628

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	997	1033		mg/Kg		104	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	916.7		mg/Kg		92	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	117		70 - 130
o-Terphenyl (Surr)	109		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131637/1-A
Matrix: Solid
Analysis Batch: 131669

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/13/26 03:12	1

Lab Sample ID: LCS 880-131637/2-A
Matrix: Solid
Analysis Batch: 131669

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	234.7		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-131637/3-A
Matrix: Solid
Analysis Batch: 131669

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	234.8		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 890-9483-A-5-C MS
Matrix: Solid
Analysis Batch: 131669

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	928	F1	1260	2427	F1	mg/Kg		119	90 - 110

Lab Sample ID: 890-9483-A-5-D MSD
Matrix: Solid
Analysis Batch: 131669

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	928	F1	1260	2429	F1	mg/Kg		119	90 - 110	0	20

Lab Sample ID: 890-9483-A-15-E MS
Matrix: Solid
Analysis Batch: 131669

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	109		252	373.8		mg/Kg		105	90 - 110

Lab Sample ID: 890-9483-A-15-F MSD
Matrix: Solid
Analysis Batch: 131669

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	109		252	373.6		mg/Kg		105	90 - 110	0	20

Lab Sample ID: MB 880-131716/1-A
Matrix: Solid
Analysis Batch: 131740

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/13/26 20:52	1

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-131716/2-A
Matrix: Solid
Analysis Batch: 131740

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	244.3		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-131716/3-A
Matrix: Solid
Analysis Batch: 131740

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	244.1		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-68212-A-11-B MS
Matrix: Solid
Analysis Batch: 131740

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	90.6		249	336.2		mg/Kg		99	90 - 110		

Lab Sample ID: 880-68212-A-11-C MSD
Matrix: Solid
Analysis Batch: 131740

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	90.6		249	335.4		mg/Kg		98	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

GC VOA

Analysis Batch: 131688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9485-1	H - 1 (0-0.5')	Total/NA	Solid	8021B	131714
890-9485-2	H - 2 (0-0.5')	Total/NA	Solid	8021B	131714
890-9485-3	H - 3 (0-0.5')	Total/NA	Solid	8021B	131714
890-9485-4	H - 4 (0-0.5')	Total/NA	Solid	8021B	131714
890-9485-5	H - 5 (0-0.5')	Total/NA	Solid	8021B	131714
890-9485-6	H - 6 (0-0.5')	Total/NA	Solid	8021B	131714
890-9485-7	H - 7 (0-0.5')	Total/NA	Solid	8021B	131714
890-9485-8	H - 8 (0-0.5')	Total/NA	Solid	8021B	131714
890-9485-9	H - 9 (0-0.5')	Total/NA	Solid	8021B	131714
MB 880-131714/5-A	Method Blank	Total/NA	Solid	8021B	131714
LCS 880-131714/1-A	Lab Control Sample	Total/NA	Solid	8021B	131714
LCSD 880-131714/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131714
890-9485-1 MS	H - 1 (0-0.5')	Total/NA	Solid	8021B	131714
890-9485-1 MSD	H - 1 (0-0.5')	Total/NA	Solid	8021B	131714

Prep Batch: 131714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9485-1	H - 1 (0-0.5')	Total/NA	Solid	5035	
890-9485-2	H - 2 (0-0.5')	Total/NA	Solid	5035	
890-9485-3	H - 3 (0-0.5')	Total/NA	Solid	5035	
890-9485-4	H - 4 (0-0.5')	Total/NA	Solid	5035	
890-9485-5	H - 5 (0-0.5')	Total/NA	Solid	5035	
890-9485-6	H - 6 (0-0.5')	Total/NA	Solid	5035	
890-9485-7	H - 7 (0-0.5')	Total/NA	Solid	5035	
890-9485-8	H - 8 (0-0.5')	Total/NA	Solid	5035	
890-9485-9	H - 9 (0-0.5')	Total/NA	Solid	5035	
MB 880-131714/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131714/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131714/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9485-1 MS	H - 1 (0-0.5')	Total/NA	Solid	5035	
890-9485-1 MSD	H - 1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 131811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9485-1	H - 1 (0-0.5')	Total/NA	Solid	Total BTEX	
890-9485-2	H - 2 (0-0.5')	Total/NA	Solid	Total BTEX	
890-9485-3	H - 3 (0-0.5')	Total/NA	Solid	Total BTEX	
890-9485-4	H - 4 (0-0.5')	Total/NA	Solid	Total BTEX	
890-9485-5	H - 5 (0-0.5')	Total/NA	Solid	Total BTEX	
890-9485-6	H - 6 (0-0.5')	Total/NA	Solid	Total BTEX	
890-9485-7	H - 7 (0-0.5')	Total/NA	Solid	Total BTEX	
890-9485-8	H - 8 (0-0.5')	Total/NA	Solid	Total BTEX	
890-9485-9	H - 9 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9485-1	H - 1 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-9485-2	H - 2 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-9485-3	H - 3 (0-0.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

GC Semi VOA (Continued)

Prep Batch: 131628 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9485-4	H - 4 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-9485-5	H - 5 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-9485-6	H - 6 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-9485-7	H - 7 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-9485-8	H - 8 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-9485-9	H - 9 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-131628/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131628/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131628/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9483-A-15-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9483-A-15-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 131697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9485-1	H - 1 (0-0.5')	Total/NA	Solid	8015B NM	131628
890-9485-2	H - 2 (0-0.5')	Total/NA	Solid	8015B NM	131628
890-9485-3	H - 3 (0-0.5')	Total/NA	Solid	8015B NM	131628
890-9485-4	H - 4 (0-0.5')	Total/NA	Solid	8015B NM	131628
890-9485-5	H - 5 (0-0.5')	Total/NA	Solid	8015B NM	131628
890-9485-6	H - 6 (0-0.5')	Total/NA	Solid	8015B NM	131628
890-9485-7	H - 7 (0-0.5')	Total/NA	Solid	8015B NM	131628
890-9485-8	H - 8 (0-0.5')	Total/NA	Solid	8015B NM	131628
890-9485-9	H - 9 (0-0.5')	Total/NA	Solid	8015B NM	131628
MB 880-131628/1-A	Method Blank	Total/NA	Solid	8015B NM	131628
LCS 880-131628/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131628
LCSD 880-131628/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131628
890-9483-A-15-B MS	Matrix Spike	Total/NA	Solid	8015B NM	131628
890-9483-A-15-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131628

Analysis Batch: 131951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9485-1	H - 1 (0-0.5')	Total/NA	Solid	8015 NM	
890-9485-2	H - 2 (0-0.5')	Total/NA	Solid	8015 NM	
890-9485-3	H - 3 (0-0.5')	Total/NA	Solid	8015 NM	
890-9485-4	H - 4 (0-0.5')	Total/NA	Solid	8015 NM	
890-9485-5	H - 5 (0-0.5')	Total/NA	Solid	8015 NM	
890-9485-6	H - 6 (0-0.5')	Total/NA	Solid	8015 NM	
890-9485-7	H - 7 (0-0.5')	Total/NA	Solid	8015 NM	
890-9485-8	H - 8 (0-0.5')	Total/NA	Solid	8015 NM	
890-9485-9	H - 9 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9485-1	H - 1 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-131637/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131637/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131637/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9483-A-5-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9483-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

HPLC/IC (Continued)

Leach Batch: 131637 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9483-A-15-E MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9483-A-15-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 131669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9485-1	H - 1 (0-0.5')	Soluble	Solid	300.0	131637
MB 880-131637/1-A	Method Blank	Soluble	Solid	300.0	131637
LCS 880-131637/2-A	Lab Control Sample	Soluble	Solid	300.0	131637
LCSD 880-131637/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131637
890-9483-A-5-C MS	Matrix Spike	Soluble	Solid	300.0	131637
890-9483-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	131637
890-9483-A-15-E MS	Matrix Spike	Soluble	Solid	300.0	131637
890-9483-A-15-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	131637

Leach Batch: 131716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9485-2	H - 2 (0-0.5')	Soluble	Solid	DI Leach	
890-9485-3	H - 3 (0-0.5')	Soluble	Solid	DI Leach	
890-9485-4	H - 4 (0-0.5')	Soluble	Solid	DI Leach	
890-9485-5	H - 5 (0-0.5')	Soluble	Solid	DI Leach	
890-9485-6	H - 6 (0-0.5')	Soluble	Solid	DI Leach	
890-9485-7	H - 7 (0-0.5')	Soluble	Solid	DI Leach	
890-9485-8	H - 8 (0-0.5')	Soluble	Solid	DI Leach	
890-9485-9	H - 9 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-131716/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131716/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131716/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68212-A-11-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68212-A-11-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 131740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9485-2	H - 2 (0-0.5')	Soluble	Solid	300.0	131716
890-9485-3	H - 3 (0-0.5')	Soluble	Solid	300.0	131716
890-9485-4	H - 4 (0-0.5')	Soluble	Solid	300.0	131716
890-9485-5	H - 5 (0-0.5')	Soluble	Solid	300.0	131716
890-9485-6	H - 6 (0-0.5')	Soluble	Solid	300.0	131716
890-9485-7	H - 7 (0-0.5')	Soluble	Solid	300.0	131716
890-9485-8	H - 8 (0-0.5')	Soluble	Solid	300.0	131716
890-9485-9	H - 9 (0-0.5')	Soluble	Solid	300.0	131716
MB 880-131716/1-A	Method Blank	Soluble	Solid	300.0	131716
LCS 880-131716/2-A	Lab Control Sample	Soluble	Solid	300.0	131716
LCSD 880-131716/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131716
880-68212-A-11-B MS	Matrix Spike	Soluble	Solid	300.0	131716
880-68212-A-11-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	131716

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9485-1
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep 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	131714	02/13/26 10:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131688	02/13/26 13:01	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131811	02/13/26 13:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			131951	02/14/26 02:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 02:53	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131637	02/12/26 13:34	SA	EET MID
Soluble	Analysis	300.0		1			131669	02/13/26 11:04	SMC	EET MID

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

Lab Sample ID: 890-9485-2
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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	131714	02/13/26 10:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131688	02/13/26 13:22	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131811	02/13/26 13:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			131951	02/14/26 03:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 03:22	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131716	02/13/26 10:26	SA	EET MID
Soluble	Analysis	300.0		1			131740	02/13/26 22:39	CS	EET MID

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

Lab Sample ID: 890-9485-3
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

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	131714	02/13/26 10:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131688	02/13/26 13:42	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131811	02/13/26 13:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			131951	02/14/26 03:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 03:35	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131716	02/13/26 10:26	SA	EET MID
Soluble	Analysis	300.0		1			131740	02/13/26 22:45	CS	EET MID

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

Lab Sample ID: 890-9485-4
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep 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	131714	02/13/26 10:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131688	02/13/26 14:03	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131811	02/13/26 14:03	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9485-4
Date Collected: 02/11/26 00:00
Matrix: Solid
Date Received: 02/11/26 14:13

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			131951	02/14/26 03:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 03:50	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131716	02/13/26 10:26	SA	EET MID
Soluble	Analysis	300.0		1			131740	02/13/26 23:01	CS	EET MID

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

Lab Sample ID: 890-9485-5
Date Collected: 02/11/26 00:00
Matrix: Solid
Date Received: 02/11/26 14:13

Prep 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	131714	02/13/26 10:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131688	02/13/26 14:23	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131811	02/13/26 14:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			131951	02/14/26 04:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 04:04	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131716	02/13/26 10:26	SA	EET MID
Soluble	Analysis	300.0		1			131740	02/13/26 23:06	CS	EET MID

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

Lab Sample ID: 890-9485-6
Date Collected: 02/11/26 00:00
Matrix: Solid
Date Received: 02/11/26 14:13

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	131714	02/13/26 10:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131688	02/13/26 14:43	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131811	02/13/26 14:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			131951	02/14/26 04:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 04:19	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131716	02/13/26 10:26	SA	EET MID
Soluble	Analysis	300.0		1			131740	02/13/26 23:11	CS	EET MID

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

Lab Sample ID: 890-9485-7
Date Collected: 02/11/26 00:00
Matrix: Solid
Date Received: 02/11/26 14:13

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	131714	02/13/26 10:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131688	02/13/26 15:04	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131811	02/13/26 15:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			131951	02/14/26 04:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 04:32	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9485-7
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	131716	02/13/26 10:26	SA	EET MID
Soluble	Analysis	300.0		1			131740	02/13/26 23:17	CS	EET MID

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

Lab Sample ID: 890-9485-8
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep 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	131714	02/13/26 10:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131688	02/13/26 17:40	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131811	02/13/26 17:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			131951	02/14/26 04:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 04:47	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131716	02/13/26 10:26	SA	EET MID
Soluble	Analysis	300.0		1			131740	02/13/26 23:22	CS	EET MID

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

Lab Sample ID: 890-9485-9
Matrix: Solid
Date Collected: 02/11/26 00:00
Date Received: 02/11/26 14:13

Prep 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	131714	02/13/26 10:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131688	02/13/26 18:00	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131811	02/13/26 18:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			131951	02/14/26 05:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131628	02/12/26 13:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/14/26 05:00	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131716	02/13/26 10:26	SA	EET MID
Soluble	Analysis	300.0		1			131740	02/13/26 23:27	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FED COM 4 H

Job ID: 890-9485-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9485-1	H - 1 (0-0.5')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9485-2	H - 2 (0-0.5')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9485-3	H - 3 (0-0.5')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9485-4	H - 4 (0-0.5')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9485-5	H - 5 (0-0.5')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9485-6	H - 6 (0-0.5')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9485-7	H - 7 (0-0.5')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9485-8	H - 8 (0-0.5')	Solid	02/11/26 00:00	02/11/26 14:13	Texas
890-9485-9	H - 9 (0-0.5')	Solid	02/11/26 00:00	02/11/26 14:13	Texas

Released to Imaging: 5/6/2026 4:20:08 PM
Received by OCD: 4/22/2026 6:58:20 AM

Chain of Custody

Work Order No: _____

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Fed Com 4H	Turn Around	
Project Number:	3099	☐ Routine	☑ Rush
Project Location	Eddy County, New Mexico	Due Date:	72 Hours
Sampler's Name:	JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:	Thermo2	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.4	
Total Containers:		Corrected Temperature:	2.2	

ANALYSIS REQUEST

890-9485 Chain of Custody

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
H-1 (0-0.5')	2/11/2026		X		G	1		X	X	X		
H-2 (0-0.5')	2/11/2026		X		G	1		X	X	X		
H-3 (0-0.5')	2/11/2026		X		G	1		X	X	X		
H-4 (0-0.5')	2/11/2026		X		G	1		X	X	X		
H-5 (0-0.5')	2/11/2026		X		G	1		X	X	X		
H-6 (0-0.5')	2/11/2026		X		G	1		X	X	X		
H-7 (0-0.5')	2/11/2026		X		G	1		X	X	X		
H-8 (0-0.5')	2/11/2026		X		G	1		X	X	X		
H-9 (0-0.5')	2/11/2026		X		G	1		X	X	X		

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2SO_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
		Burns	2/11 1413

2/16/2026

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6494 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica Kramer@et.eurofinsus com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9485-1
Address: 1211 W Florida Ave, ,	Due Date Requested: 2/16/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: BONNIE 35 FED COM 4 H	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
H - 1 (0-0 5') (890-9485-1)	2/11/26	Central	G	Solid			X	X	X	X	X	1	
H - 2 (0-0 5') (890-9485-2)	2/11/26	Central	G	Solid			X	X	X	X	X	1	
H - 3 (0-0 5') (890-9485-3)	2/11/26	Central	G	Solid			X	X	X	X	X	1	
H - 4 (0-0 5') (890-9485-4)	2/11/26	Central	G	Solid			X	X	X	X	X	1	
H - 5 (0-0 5') (890-9485-5)	2/11/26	Central	G	Solid			X	X	X	X	X	1	
H - 6 (0-0 5') (890-9485-6)	2/11/26	Central	G	Solid			X	X	X	X	X	1	
H - 7 (0-0 5') (890-9485-7)	2/11/26	Central	G	Solid			X	X	X	X	X	1	
H - 8 (0-0 5') (890-9485-8)	2/11/26	Central	G	Solid			X	X	X	X	X	1	
H - 9 (0-0 5') (890-9485-9)	2/11/26	Central	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by	Date/Time:	Company	Received by	Date/Time:	Company
Relinquished by	2-11 1630			21226 930	
Relinquished by	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 10/10/2024

Received by OCD: 4/22/2026 6:58:20 AM
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2/16/2026
Released to Imaging: 5/6/2026 4:20:08 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9485-1
SDG Number: Eddy County New Mexico

Login Number: 9485
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9485-1
SDG Number: Eddy County New Mexico

Login Number: 9485
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 02/12/26 10:39 AM

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/10/2026 4:58:01 PM

JOB DESCRIPTION

Bonnie 35 Federal com 4H (12.28.2025)
Eddy County New Mexico

JOB NUMBER

890-9758-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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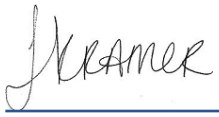
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
4/10/2026 4:58:01 PM

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

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Laboratory Job ID: 890-9758-1
SDG: Eddy County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources Job ID: 890-9758-1
Project: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1 Eurofins Carlsbad

Job Narrative
890-9758-1

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

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

Receipt
The samples were received on 4/8/2026 3:37 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (4.5) (890-9758-1), CS-2 (4.5) (890-9758-2), CS-3 (4.5) (890-9758-3), CS-4 (4.5) (890-9758-4), CS-5 (4.5) (890-9758-5), CS-6 (4.5) (890-9758-6), CS-7 (4.5) (890-9758-7), CS-8 (4.5) (890-9758-8), SW-1 (4.5) (890-9758-9), SW-2 (4.5) (890-9758-10), SW-3 (4.5) (890-9758-11) and SW-4 (4.5) (890-9758-12).

GC VOA
Method 8021B: Batch preparation batch 880-137294 and analytical batch 880-137273 is reported without a matrix spike/matrix spike duplicate (MS/MSD). The batch MS/MSD was originally performed on another client's sample, and this test was canceled at client request. This MS/MSD result does not have immediate bearing on any samples except for the actual sample spiked. The associated laboratory control sample (LCS) met acceptance criteria and provides long-term precision and accuracy for this batch.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-2 (4.5) (890-9758-10), SW-3 (4.5) (890-9758-11) and SW-4 (4.5) (890-9758-12). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-1 (4.5) (890-9758-1), CS-2 (4.5) (890-9758-2), CS-3 (4.5) (890-9758-3), CS-4 (4.5) (890-9758-4), CS-5 (4.5) (890-9758-5), CS-6 (4.5) (890-9758-6), CS-7 (4.5) (890-9758-7), CS-8 (4.5) (890-9758-8), SW-1 (4.5) (890-9758-9), (LCS 880-137294/1-A) and (LCSD 880-137294/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-137294 and analytical batch 880-137273 was outside the upper control limits.

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: SW-4 (4.5) (890-9758-12). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137348 and analytical batch 880-137352 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

Client Sample ID: CS-1 (4.5)

Lab Sample ID: 890-9758-1
Matrix: Solid
Date Collected: 04/08/26 14:30
Date Received: 04/08/26 15:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/09/26 09:32	04/09/26 12:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/09/26 09:32	04/09/26 12:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/09/26 09:32	04/09/26 12:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/09/26 09:32	04/09/26 12:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/09/26 09:32	04/09/26 12:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/09/26 09:32	04/09/26 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*04/09/26 09:32*	*04/09/26 12:55*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/09/26 09:32*	*04/09/26 12:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/09/26 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 10:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 10:29	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 10:29	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 10:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*04/09/26 08:00*	*04/10/26 10:29*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/09/26 08:00*	*04/10/26 10:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<49.6	U	49.6		mg/Kg			04/09/26 23:55	5

Client Sample ID: CS-2 (4.5)

Lab Sample ID: 890-9758-2
Matrix: Solid
Date Collected: 04/08/26 14:31
Date Received: 04/08/26 15:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/09/26 09:32	04/09/26 13:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/09/26 09:32	04/09/26 13:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/09/26 09:32	04/09/26 13:16	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/09/26 09:32	04/09/26 13:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/09/26 09:32	04/09/26 13:16	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/09/26 09:32	04/09/26 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*04/09/26 09:32*	*04/09/26 13:16*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/09/26 09:32*	*04/09/26 13:16*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

Client Sample ID: CS-2 (4.5)

Lab Sample ID: 890-9758-2
Matrix: Solid
Date Collected: 04/08/26 14:31
Date Received: 04/08/26 15:37

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/09/26 13:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 11:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 11:11	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 11:11	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 11:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/09/26 08:00*	*04/10/26 11:11*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/09/26 08:00*	*04/10/26 11:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<49.9	U	49.9		mg/Kg			04/10/26 00:00	5

Client Sample ID: CS-3 (4.5)

Lab Sample ID: 890-9758-3
Matrix: Solid
Date Collected: 04/08/26 14:33
Date Received: 04/08/26 15:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/09/26 09:32	04/09/26 13:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/09/26 09:32	04/09/26 13:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/09/26 09:32	04/09/26 13:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/09/26 09:32	04/09/26 13:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/09/26 09:32	04/09/26 13:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/09/26 09:32	04/09/26 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*04/09/26 09:32*	*04/09/26 13:36*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/09/26 09:32*	*04/09/26 13:36*	*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			04/09/26 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 11:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 11:26	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 11:26	1

Client Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

Client Sample ID: CS-3 (4.5)

Lab Sample ID: 890-9758-3
Matrix: Solid
Date Collected: 04/08/26 14:33
Date Received: 04/08/26 15:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/09/26 08:00*	*04/10/26 11:26*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/09/26 08:00*	*04/10/26 11:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<49.8	U	49.8		mg/Kg			04/10/26 00:05	5

Client Sample ID: CS-4 (4.5)

Lab Sample ID: 890-9758-4
Matrix: Solid
Date Collected: 04/08/26 14:34
Date Received: 04/08/26 15:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/09/26 09:32	04/09/26 13:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/09/26 09:32	04/09/26 13:57	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/09/26 09:32	04/09/26 13:57	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/09/26 09:32	04/09/26 13:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/09/26 09:32	04/09/26 13:57	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/09/26 09:32	04/09/26 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*181*	*S1+*	*70 - 130*	*04/09/26 09:32*	*04/09/26 13:57*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/09/26 09:32*	*04/09/26 13:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/26 13:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 11:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 11:41	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 11:41	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 11:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/09/26 08:00*	*04/10/26 11:41*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/09/26 08:00*	*04/10/26 11:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**58.5**		50.0		mg/Kg			04/10/26 00:11	5

Client Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

Client Sample ID: CS-5 (4.5)

Lab Sample ID: 890-9758-5
Matrix: Solid
Date Collected: 04/08/26 14:35
Date Received: 04/08/26 15:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 09:32	04/09/26 14:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 09:32	04/09/26 14:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 09:32	04/09/26 14:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/09/26 09:32	04/09/26 14:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 09:32	04/09/26 14:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/09/26 09:32	04/09/26 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*04/09/26 09:32*	*04/09/26 14:17*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/09/26 09:32*	*04/09/26 14:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/09/26 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/10/26 11:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/09/26 08:00	04/10/26 11:54	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/09/26 08:00	04/10/26 11:54	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/09/26 08:00	04/10/26 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/09/26 08:00*	*04/10/26 11:54*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/09/26 08:00*	*04/10/26 11:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<49.6	U	49.6		mg/Kg			04/10/26 00:16	5

Client Sample ID: CS-6 (4.5)

Lab Sample ID: 890-9758-6
Matrix: Solid
Date Collected: 04/08/26 14:36
Date Received: 04/08/26 15:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/09/26 09:32	04/09/26 14:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/09/26 09:32	04/09/26 14:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/09/26 09:32	04/09/26 14:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/09/26 09:32	04/09/26 14:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/09/26 09:32	04/09/26 14:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/09/26 09:32	04/09/26 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*	*04/09/26 09:32*	*04/09/26 14:37*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/09/26 09:32*	*04/09/26 14:37*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

Client Sample ID: CS-6 (4.5)

Lab Sample ID: 890-9758-6
Matrix: Solid
Date Collected: 04/08/26 14:36
Date Received: 04/08/26 15:37

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/09/26 14:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/10/26 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/09/26 08:00	04/10/26 12:09	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/09/26 08:00	04/10/26 12:09	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/09/26 08:00	04/10/26 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/09/26 08:00*	*04/10/26 12:09*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/09/26 08:00*	*04/10/26 12:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<50.0	U F1	50.0		mg/Kg			04/10/26 00:21	5

Client Sample ID: CS-7 (4.5)

Lab Sample ID: 890-9758-7
Matrix: Solid
Date Collected: 04/08/26 14:37
Date Received: 04/08/26 15:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/09/26 09:32	04/09/26 14:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/09/26 09:32	04/09/26 14:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/09/26 09:32	04/09/26 14:58	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/09/26 09:32	04/09/26 14:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/09/26 09:32	04/09/26 14:58	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/09/26 09:32	04/09/26 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*148*	*S1+*	*70 - 130*	*04/09/26 09:32*	*04/09/26 14:58*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/09/26 09:32*	*04/09/26 14:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/09/26 14:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 12:23	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 12:23	1

Client Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

Client Sample ID: CS-7 (4.5)

Lab Sample ID: 890-9758-7
Matrix: Solid
Date Collected: 04/08/26 14:37
Date Received: 04/08/26 15:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*04/09/26 08:00*	*04/10/26 12:23*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/09/26 08:00*	*04/10/26 12:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/10/26 08:40	1

Client Sample ID: CS-8 (4.5)

Lab Sample ID: 890-9758-8
Matrix: Solid
Date Collected: 04/08/26 14:37
Date Received: 04/08/26 15:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/09/26 09:32	04/09/26 15:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/09/26 09:32	04/09/26 15:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/09/26 09:32	04/09/26 15:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/09/26 09:32	04/09/26 15:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/09/26 09:32	04/09/26 15:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/09/26 09:32	04/09/26 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*143*	*S1+*	*70 - 130*	*04/09/26 09:32*	*04/09/26 15:18*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/09/26 09:32*	*04/09/26 15:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/09/26 15:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 12:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 12:37	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 12:37	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 08:00	04/10/26 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/09/26 08:00*	*04/10/26 12:37*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/09/26 08:00*	*04/10/26 12:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/10/26 08:45	1

Client Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

Client Sample ID: SW-1 (4.5)

Lab Sample ID: 890-9758-9
Matrix: Solid
Date Collected: 04/08/26 14:38
Date Received: 04/08/26 15:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/09/26 09:32	04/09/26 15:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/09/26 09:32	04/09/26 15:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/09/26 09:32	04/09/26 15:39	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/09/26 09:32	04/09/26 15:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/09/26 09:32	04/09/26 15:39	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/09/26 09:32	04/09/26 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*48*	*S1-*	*70 - 130*	*04/09/26 09:32*	*04/09/26 15:39*	*1*
1,4-Difluorobenzene (Surr)	*63*	*S1-*	*70 - 130*	*04/09/26 09:32*	*04/09/26 15:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/26 15:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/10/26 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		04/09/26 08:00	04/10/26 12:51	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/09/26 08:00	04/10/26 12:51	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/09/26 08:00	04/10/26 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/09/26 08:00*	*04/10/26 12:51*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/09/26 08:00*	*04/10/26 12:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			04/10/26 08:51	1

Client Sample ID: SW-2 (4.5)

Lab Sample ID: 890-9758-10
Matrix: Solid
Date Collected: 04/08/26 14:39
Date Received: 04/08/26 15:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 09:32	04/09/26 17:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 09:32	04/09/26 17:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 09:32	04/09/26 17:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/09/26 09:32	04/09/26 17:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 09:32	04/09/26 17:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/09/26 09:32	04/09/26 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*155*	*S1+*	*70 - 130*	*04/09/26 09:32*	*04/09/26 17:13*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/09/26 09:32*	*04/09/26 17:13*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

Client Sample ID: SW-2 (4.5)

Lab Sample ID: 890-9758-10
Matrix: Solid
Date Collected: 04/08/26 14:39
Date Received: 04/08/26 15:37

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/09/26 17:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 13:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 08:00	04/10/26 13:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 08:00	04/10/26 13:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 08:00	04/10/26 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*04/09/26 08:00*	*04/10/26 13:06*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/09/26 08:00*	*04/10/26 13:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.5**		9.90		mg/Kg			04/10/26 08:56	1

Client Sample ID: SW-3 (4.5)

Lab Sample ID: 890-9758-11
Matrix: Solid
Date Collected: 04/08/26 14:40
Date Received: 04/08/26 15:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 09:32	04/09/26 17:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 09:32	04/09/26 17:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 09:32	04/09/26 17:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/09/26 09:32	04/09/26 17:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 09:32	04/09/26 17:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/09/26 09:32	04/09/26 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*04/09/26 09:32*	*04/09/26 17:34*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*04/09/26 09:32*	*04/09/26 17:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/09/26 17:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/09/26 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/07/26 10:12	04/09/26 16:05	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/07/26 10:12	04/09/26 16:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

Client Sample ID: SW-3 (4.5)

Lab Sample ID: 890-9758-11
Matrix: Solid
Date Collected: 04/08/26 14:40
Date Received: 04/08/26 15:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/07/26 10:12	04/09/26 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*129*		*70 - 130*	*04/07/26 10:12*	*04/09/26 16:05*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*04/07/26 10:12*	*04/09/26 16:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.4**		9.90		mg/Kg			04/10/26 09:01	1

Client Sample ID: SW-4 (4.5)

Lab Sample ID: 890-9758-12
Matrix: Solid
Date Collected: 04/08/26 14:41
Date Received: 04/08/26 15:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/09/26 09:32	04/09/26 17:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/09/26 09:32	04/09/26 17:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/09/26 09:32	04/09/26 17:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/09/26 09:32	04/09/26 17:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/09/26 09:32	04/09/26 17:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/09/26 09:32	04/09/26 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*	*04/09/26 09:32*	*04/09/26 17:54*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*04/09/26 09:32*	*04/09/26 17:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/09/26 17:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/09/26 14:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/08/26 09:46	04/09/26 14:55	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/08/26 09:46	04/09/26 14:55	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/08/26 09:46	04/09/26 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*22*	*S1-*	*70 - 130*	*04/08/26 09:46*	*04/09/26 14:55*	*1*
o-Terphenyl (Surr)	*29*	*S1-*	*70 - 130*	*04/08/26 09:46*	*04/09/26 14:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.5**		10.0		mg/Kg			04/10/26 09:06	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		BFB1	DFBZ1						
Lab Sample ID	Client Sample ID								
880-70607-A-14-C MS	Matrix Spike								

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		BFB1	DFBZ1						
Lab Sample ID	Client Sample ID	(70-130)	(70-130)						
890-9758-1	CS-1 (4.5)	136 S1+	89						
890-9758-2	CS-2 (4.5)	144 S1+	88						
890-9758-3	CS-3 (4.5)	151 S1+	89						
890-9758-4	CS-4 (4.5)	181 S1+	109						
890-9758-5	CS-5 (4.5)	140 S1+	89						
890-9758-6	CS-6 (4.5)	139 S1+	88						
890-9758-7	CS-7 (4.5)	148 S1+	87						
890-9758-8	CS-8 (4.5)	143 S1+	89						
890-9758-9	SW-1 (4.5)	48 S1-	63 S1-						
890-9758-10	SW-2 (4.5)	155 S1+	89						
890-9758-11	SW-3 (4.5)	144 S1+	71						
890-9758-12	SW-4 (4.5)	139 S1+	69 S1-						
LCS 880-137294/1-A	Lab Control Sample	168 S1+	15 S1-						
LCSD 880-137294/2-A	Lab Control Sample Dup	159 S1+	83						
MB 880-137294/5-A	Method Blank	162 S1+	80						

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)							
		1CO1	OTPH1						
Lab Sample ID	Client Sample ID	(70-130)	(70-130)						
820-24429-A-1-H MS	Matrix Spike	96	123						
820-24429-A-1-I MSD	Matrix Spike Duplicate	97	119						
880-70598-A-1-E MS	Matrix Spike	131 S1+	158 S1+						
880-70598-A-1-F MSD	Matrix Spike Duplicate	126	151 S1+						
890-9758-1	CS-1 (4.5)	92	92						
890-9758-1 MS	CS-1 (4.5)	95	94						
890-9758-1 MSD	CS-1 (4.5)	101	95						
890-9758-2	CS-2 (4.5)	89	96						
890-9758-3	CS-3 (4.5)	87	90						
890-9758-4	CS-4 (4.5)	94	99						
890-9758-5	CS-5 (4.5)	87	92						
890-9758-6	CS-6 (4.5)	89	94						
890-9758-7	CS-7 (4.5)	86	91						

Surrogate Summary

Client: Carmona Resources
Job ID: 890-9758-1
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)
SDG: Eddy County New Mexico

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
890-9758-8	CS-8 (4.5)	89	93								
890-9758-9	SW-1 (4.5)	89	93								
890-9758-10	SW-2 (4.5)	86	91								
890-9758-11	SW-3 (4.5)	129	114								
890-9758-12	SW-4 (4.5)	22 S1-	29 S1-								
LCS 880-137064/2-A	Lab Control Sample	93	129								
LCS 880-137182/2-A	Lab Control Sample	18 S1-	19 S1-								
LCS 880-137279/2-A	Lab Control Sample	89	95								
LCSD 880-137064/3-A	Lab Control Sample Dup	141 S1+	128								
LCSD 880-137182/3-A	Lab Control Sample Dup	17 S1-	19 S1-								
LCSD 880-137279/3-A	Lab Control Sample Dup	89	95								
MB 880-137064/1-A	Method Blank	128	120								
MB 880-137182/1-A	Method Blank	76	82								
MB 880-137279/1-A	Method Blank	75	87								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-137294/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137273 — **Prep Batch: 137294**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 09:32	04/09/26 12:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 09:32	04/09/26 12:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 09:32	04/09/26 12:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/09/26 09:32	04/09/26 12:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 09:32	04/09/26 12:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/09/26 09:32	04/09/26 12:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*162*	*S1+*	*70 - 130*	*04/09/26 09:32*	*04/09/26 12:13*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/09/26 09:32*	*04/09/26 12:13*	*1*

Lab Sample ID: LCS 880-137294/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137273 — **Prep Batch: 137294**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1052		mg/Kg		105	70 - 130		
Toluene			0.100	0.09395		mg/Kg		94	70 - 130		
Ethylbenzene			0.100	0.1005		mg/Kg		100	70 - 130		
m-Xylene & p-Xylene			0.200	0.2115		mg/Kg		106	70 - 130		
o-Xylene			0.100	0.1077		mg/Kg		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*168*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*15*	*S1-*	*70 - 130*

Lab Sample ID: LCSD 880-137294/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137273 — **Prep Batch: 137294**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1036		mg/Kg		104	70 - 130	1	35
Toluene			0.100	0.09434		mg/Kg		94	70 - 130	0	35
Ethylbenzene			0.100	0.1013		mg/Kg		101	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.2128		mg/Kg		106	70 - 130	1	35
o-Xylene			0.100	0.1077		mg/Kg		108	70 - 130	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*159*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*

Lab Sample ID: 880-70607-A-14-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137273 — **Prep Batch: 137294**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1228		mg/Kg			-		
Toluene			0.100	0.1087		mg/Kg			-		

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-70607-A-14-C MS
Matrix: Solid
Analysis Batch: 137273

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 137294

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene			0.100	0.1161		mg/Kg			-
m-Xylene & p-Xylene			0.200	0.2420		mg/Kg			-
o-Xylene			0.100	0.1208		mg/Kg			-

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

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

Lab Sample ID: MB 880-137064/1-A
Matrix: Solid
Analysis Batch: 137289

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137064

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/26 10:12	04/09/26 08:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/26 10:12	04/09/26 08:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/26 10:12	04/09/26 08:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*128*		*70 - 130*	*04/07/26 10:12*	*04/09/26 08:01*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*04/07/26 10:12*	*04/09/26 08:01*	*1*

Lab Sample ID: LCS 880-137064/2-A
Matrix: Solid
Analysis Batch: 137289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137064

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1040		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1286		mg/Kg		129	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*93*		*70 - 130*
o-Terphenyl (Surr)	*129*		*70 - 130*

Lab Sample ID: LCSD 880-137064/3-A
Matrix: Solid
Analysis Batch: 137289

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137064

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1226		mg/Kg		123	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	1000	1296		mg/Kg		130	70 - 130	1	20

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCSD 880-137064/3-A
Matrix: Solid
Analysis Batch: 137289

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137064

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	141	S1+	70 - 130
o-Terphenyl (Surr)	128		70 - 130

Lab Sample ID: 880-70598-A-1-E MS
Matrix: Solid
Analysis Batch: 137289

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 137064

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	837.3		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	271		1000	1308		mg/Kg		104	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	131	S1+	70 - 130
o-Terphenyl (Surr)	158	S1+	70 - 130

Lab Sample ID: 880-70598-A-1-F MSD
Matrix: Solid
Analysis Batch: 137289

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 137064

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	803.1		mg/Kg		80	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	271		1000	1277		mg/Kg		101	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	126		70 - 130
o-Terphenyl (Surr)	151	S1+	70 - 130

Lab Sample ID: MB 880-137182/1-A
Matrix: Solid
Analysis Batch: 137287

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137182

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/08/26 09:46	04/09/26 05:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/08/26 09:46	04/09/26 05:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/08/26 09:46	04/09/26 05:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130	04/08/26 09:46	04/09/26 05:49	1
o-Terphenyl (Surr)	82		70 - 130	04/08/26 09:46	04/09/26 05:49	1

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-137182/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137287 — **Prep Batch: 137182**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	853.9		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1043		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*18*	*S1-*	*70 - 130*
o-Terphenyl (Surr)	*19*	*S1-*	*70 - 130*

Lab Sample ID: LCSD 880-137182/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137287 — **Prep Batch: 137182**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	840.6		mg/Kg		84	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1022		mg/Kg		102	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*17*	*S1-*	*70 - 130*
o-Terphenyl (Surr)	*19*	*S1-*	*70 - 130*

Lab Sample ID: 820-24429-A-1-H MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137287 — **Prep Batch: 137182**

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 F1	1000	628.7	F1	mg/Kg		63	70 - 130		
Diesel Range Organics (Over C10-C28)	2560	F1	1000	2155	F1	mg/Kg		-40	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*96*		*70 - 130*
o-Terphenyl (Surr)	*123*		*70 - 130*

Lab Sample ID: 820-24429-A-1-I MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137287 — **Prep Batch: 137182**

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 F1	1000	642.4	F1	mg/Kg		64	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	2560	F1	1000	2212	F1	mg/Kg		-35	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*97*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 820-24429-A-1-I MSD
Matrix: Solid
Analysis Batch: 137287

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 137182

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	119		70 - 130

Lab Sample ID: MB 880-137279/1-A
Matrix: Solid
Analysis Batch: 137396

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 08:00	04/10/26 08:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 08:00	04/10/26 08:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 08:00	04/10/26 08:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	75		70 - 130	04/09/26 08:00	04/10/26 08:31	1
o-Terphenyl (Surr)	87		70 - 130	04/09/26 08:00	04/10/26 08:31	1

Lab Sample ID: LCS 880-137279/2-A
Matrix: Solid
Analysis Batch: 137396

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137279

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	781.3		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	988.1		mg/Kg		99	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-137279/3-A
Matrix: Solid
Analysis Batch: 137396

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137279

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	788.6		mg/Kg		79	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1001		mg/Kg		100	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	95		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9758-1 MS
Matrix: Solid
Analysis Batch: 137396

Client Sample ID: CS-1 (4.5)
Prep Type: Total/NA
Prep Batch: 137279

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	783.3		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	984.3		mg/Kg		98	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*95*		*70 - 130*
o-Terphenyl (Surr)	*94*		*70 - 130*

Lab Sample ID: 890-9758-1 MSD
Matrix: Solid
Analysis Batch: 137396

Client Sample ID: CS-1 (4.5)
Prep Type: Total/NA
Prep Batch: 137279

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	786.2		mg/Kg		79	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	1027		mg/Kg		103	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*101*		*70 - 130*
o-Terphenyl (Surr)	*95*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-137348/1-A
Matrix: Solid
Analysis Batch: 137352

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/09/26 22:52	1

Lab Sample ID: LCS 880-137348/2-A
Matrix: Solid
Analysis Batch: 137352

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.9		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-137348/3-A
Matrix: Solid
Analysis Batch: 137352

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	233.7		mg/Kg		93	90 - 110	3	20

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9758-6 MS
Matrix: Solid
Analysis Batch: 137352

Client Sample ID: CS-6 (4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<50.0	U F1	1250	1173		mg/Kg		92	90 - 110		

Lab Sample ID: 890-9758-6 MSD
Matrix: Solid
Analysis Batch: 137352

Client Sample ID: CS-6 (4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<50.0	U F1	1250	1129	F1	mg/Kg		89	90 - 110	4	20

QC Association Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

GC VOA

Analysis Batch: 137273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9758-1	CS-1 (4.5)	Total/NA	Solid	8021B	137294
890-9758-2	CS-2 (4.5)	Total/NA	Solid	8021B	137294
890-9758-3	CS-3 (4.5)	Total/NA	Solid	8021B	137294
890-9758-4	CS-4 (4.5)	Total/NA	Solid	8021B	137294
890-9758-5	CS-5 (4.5)	Total/NA	Solid	8021B	137294
890-9758-6	CS-6 (4.5)	Total/NA	Solid	8021B	137294
890-9758-7	CS-7 (4.5)	Total/NA	Solid	8021B	137294
890-9758-8	CS-8 (4.5)	Total/NA	Solid	8021B	137294
890-9758-9	SW-1 (4.5)	Total/NA	Solid	8021B	137294
890-9758-10	SW-2 (4.5)	Total/NA	Solid	8021B	137294
890-9758-11	SW-3 (4.5)	Total/NA	Solid	8021B	137294
890-9758-12	SW-4 (4.5)	Total/NA	Solid	8021B	137294
MB 880-137294/5-A	Method Blank	Total/NA	Solid	8021B	137294
LCS 880-137294/1-A	Lab Control Sample	Total/NA	Solid	8021B	137294
LCSD 880-137294/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137294
880-70607-A-14-C MS	Matrix Spike	Total/NA	Solid	8021B	137294

Prep Batch: 137294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9758-1	CS-1 (4.5)	Total/NA	Solid	5035	
890-9758-2	CS-2 (4.5)	Total/NA	Solid	5035	
890-9758-3	CS-3 (4.5)	Total/NA	Solid	5035	
890-9758-4	CS-4 (4.5)	Total/NA	Solid	5035	
890-9758-5	CS-5 (4.5)	Total/NA	Solid	5035	
890-9758-6	CS-6 (4.5)	Total/NA	Solid	5035	
890-9758-7	CS-7 (4.5)	Total/NA	Solid	5035	
890-9758-8	CS-8 (4.5)	Total/NA	Solid	5035	
890-9758-9	SW-1 (4.5)	Total/NA	Solid	5035	
890-9758-10	SW-2 (4.5)	Total/NA	Solid	5035	
890-9758-11	SW-3 (4.5)	Total/NA	Solid	5035	
890-9758-12	SW-4 (4.5)	Total/NA	Solid	5035	
MB 880-137294/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137294/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137294/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-70607-A-14-C MS	Matrix Spike	Total/NA	Solid	5035	

Analysis Batch: 137490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9758-1	CS-1 (4.5)	Total/NA	Solid	Total BTEX	
890-9758-2	CS-2 (4.5)	Total/NA	Solid	Total BTEX	
890-9758-3	CS-3 (4.5)	Total/NA	Solid	Total BTEX	
890-9758-4	CS-4 (4.5)	Total/NA	Solid	Total BTEX	
890-9758-5	CS-5 (4.5)	Total/NA	Solid	Total BTEX	
890-9758-6	CS-6 (4.5)	Total/NA	Solid	Total BTEX	
890-9758-7	CS-7 (4.5)	Total/NA	Solid	Total BTEX	
890-9758-8	CS-8 (4.5)	Total/NA	Solid	Total BTEX	
890-9758-9	SW-1 (4.5)	Total/NA	Solid	Total BTEX	
890-9758-10	SW-2 (4.5)	Total/NA	Solid	Total BTEX	
890-9758-11	SW-3 (4.5)	Total/NA	Solid	Total BTEX	
890-9758-12	SW-4 (4.5)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

GC Semi VOA

Prep Batch: 137064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9758-11	SW-3 (4.5)	Total/NA	Solid	8015NM Prep	
MB 880-137064/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137064/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137064/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-70598-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-70598-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 137182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9758-12	SW-4 (4.5)	Total/NA	Solid	8015NM Prep	
MB 880-137182/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137182/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137182/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
820-24429-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
820-24429-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 137279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9758-1	CS-1 (4.5)	Total/NA	Solid	8015NM Prep	
890-9758-2	CS-2 (4.5)	Total/NA	Solid	8015NM Prep	
890-9758-3	CS-3 (4.5)	Total/NA	Solid	8015NM Prep	
890-9758-4	CS-4 (4.5)	Total/NA	Solid	8015NM Prep	
890-9758-5	CS-5 (4.5)	Total/NA	Solid	8015NM Prep	
890-9758-6	CS-6 (4.5)	Total/NA	Solid	8015NM Prep	
890-9758-7	CS-7 (4.5)	Total/NA	Solid	8015NM Prep	
890-9758-8	CS-8 (4.5)	Total/NA	Solid	8015NM Prep	
890-9758-9	SW-1 (4.5)	Total/NA	Solid	8015NM Prep	
890-9758-10	SW-2 (4.5)	Total/NA	Solid	8015NM Prep	
MB 880-137279/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137279/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137279/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9758-1 MS	CS-1 (4.5)	Total/NA	Solid	8015NM Prep	
890-9758-1 MSD	CS-1 (4.5)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 137287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9758-12	SW-4 (4.5)	Total/NA	Solid	8015B NM	137182
MB 880-137182/1-A	Method Blank	Total/NA	Solid	8015B NM	137182
LCS 880-137182/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137182
LCSD 880-137182/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137182
820-24429-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	137182
820-24429-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	137182

Analysis Batch: 137289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9758-11	SW-3 (4.5)	Total/NA	Solid	8015B NM	137064
MB 880-137064/1-A	Method Blank	Total/NA	Solid	8015B NM	137064
LCS 880-137064/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137064
LCSD 880-137064/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137064
880-70598-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	137064
880-70598-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	137064

QC Association Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

GC Semi VOA

Analysis Batch: 137396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9758-1	CS-1 (4.5)	Total/NA	Solid	8015B NM	137279
890-9758-2	CS-2 (4.5)	Total/NA	Solid	8015B NM	137279
890-9758-3	CS-3 (4.5)	Total/NA	Solid	8015B NM	137279
890-9758-4	CS-4 (4.5)	Total/NA	Solid	8015B NM	137279
890-9758-5	CS-5 (4.5)	Total/NA	Solid	8015B NM	137279
890-9758-6	CS-6 (4.5)	Total/NA	Solid	8015B NM	137279
890-9758-7	CS-7 (4.5)	Total/NA	Solid	8015B NM	137279
890-9758-8	CS-8 (4.5)	Total/NA	Solid	8015B NM	137279
890-9758-9	SW-1 (4.5)	Total/NA	Solid	8015B NM	137279
890-9758-10	SW-2 (4.5)	Total/NA	Solid	8015B NM	137279
MB 880-137279/1-A	Method Blank	Total/NA	Solid	8015B NM	137279
LCS 880-137279/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137279
LCSD 880-137279/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137279
890-9758-1 MS	CS-1 (4.5)	Total/NA	Solid	8015B NM	137279
890-9758-1 MSD	CS-1 (4.5)	Total/NA	Solid	8015B NM	137279

Analysis Batch: 137427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9758-1	CS-1 (4.5)	Total/NA	Solid	8015 NM	
890-9758-2	CS-2 (4.5)	Total/NA	Solid	8015 NM	
890-9758-3	CS-3 (4.5)	Total/NA	Solid	8015 NM	
890-9758-4	CS-4 (4.5)	Total/NA	Solid	8015 NM	
890-9758-5	CS-5 (4.5)	Total/NA	Solid	8015 NM	
890-9758-6	CS-6 (4.5)	Total/NA	Solid	8015 NM	
890-9758-7	CS-7 (4.5)	Total/NA	Solid	8015 NM	
890-9758-8	CS-8 (4.5)	Total/NA	Solid	8015 NM	
890-9758-9	SW-1 (4.5)	Total/NA	Solid	8015 NM	
890-9758-10	SW-2 (4.5)	Total/NA	Solid	8015 NM	
890-9758-11	SW-3 (4.5)	Total/NA	Solid	8015 NM	
890-9758-12	SW-4 (4.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 137348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9758-1	CS-1 (4.5)	Soluble	Solid	DI Leach	
890-9758-2	CS-2 (4.5)	Soluble	Solid	DI Leach	
890-9758-3	CS-3 (4.5)	Soluble	Solid	DI Leach	
890-9758-4	CS-4 (4.5)	Soluble	Solid	DI Leach	
890-9758-5	CS-5 (4.5)	Soluble	Solid	DI Leach	
890-9758-6	CS-6 (4.5)	Soluble	Solid	DI Leach	
890-9758-7	CS-7 (4.5)	Soluble	Solid	DI Leach	
890-9758-8	CS-8 (4.5)	Soluble	Solid	DI Leach	
890-9758-9	SW-1 (4.5)	Soluble	Solid	DI Leach	
890-9758-10	SW-2 (4.5)	Soluble	Solid	DI Leach	
890-9758-11	SW-3 (4.5)	Soluble	Solid	DI Leach	
890-9758-12	SW-4 (4.5)	Soluble	Solid	DI Leach	
MB 880-137348/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137348/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137348/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9758-6 MS	CS-6 (4.5)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

HPLC/IC (Continued)

Leach Batch: 137348 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9758-6 MSD	CS-6 (4.5)	Soluble	Solid	DI Leach	

Analysis Batch: 137352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9758-1	CS-1 (4.5)	Soluble	Solid	300.0	137348
890-9758-2	CS-2 (4.5)	Soluble	Solid	300.0	137348
890-9758-3	CS-3 (4.5)	Soluble	Solid	300.0	137348
890-9758-4	CS-4 (4.5)	Soluble	Solid	300.0	137348
890-9758-5	CS-5 (4.5)	Soluble	Solid	300.0	137348
890-9758-6	CS-6 (4.5)	Soluble	Solid	300.0	137348
890-9758-7	CS-7 (4.5)	Soluble	Solid	300.0	137348
890-9758-8	CS-8 (4.5)	Soluble	Solid	300.0	137348
890-9758-9	SW-1 (4.5)	Soluble	Solid	300.0	137348
890-9758-10	SW-2 (4.5)	Soluble	Solid	300.0	137348
890-9758-11	SW-3 (4.5)	Soluble	Solid	300.0	137348
890-9758-12	SW-4 (4.5)	Soluble	Solid	300.0	137348
MB 880-137348/1-A	Method Blank	Soluble	Solid	300.0	137348
LCS 880-137348/2-A	Lab Control Sample	Soluble	Solid	300.0	137348
LCSD 880-137348/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137348
890-9758-6 MS	CS-6 (4.5)	Soluble	Solid	300.0	137348
890-9758-6 MSD	CS-6 (4.5)	Soluble	Solid	300.0	137348

Lab Chronicle

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

Client Sample ID: CS-1 (4.5)

Lab Sample ID: 890-9758-1

Date Collected: 04/08/26 14:30
Matrix: Solid
Date Received: 04/08/26 15:37

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	137294	04/09/26 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137273	04/09/26 12:55	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137490	04/09/26 12:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			137427	04/10/26 10:29	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137279	04/09/26 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 10:29	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137348	04/09/26 13:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	137352	04/09/26 23:55	CS	EET MID

Client Sample ID: CS-2 (4.5)

Lab Sample ID: 890-9758-2

Date Collected: 04/08/26 14:31
Matrix: Solid
Date Received: 04/08/26 15:37

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	137294	04/09/26 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137273	04/09/26 13:16	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137490	04/09/26 13:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			137427	04/10/26 11:11	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137279	04/09/26 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 11:11	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137348	04/09/26 13:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	137352	04/10/26 00:00	CS	EET MID

Client Sample ID: CS-3 (4.5)

Lab Sample ID: 890-9758-3

Date Collected: 04/08/26 14:33
Matrix: Solid
Date Received: 04/08/26 15:37

Prep 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	137294	04/09/26 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137273	04/09/26 13:36	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137490	04/09/26 13:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			137427	04/10/26 11:26	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	137279	04/09/26 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 11:26	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137348	04/09/26 13:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	137352	04/10/26 00:05	CS	EET MID

Client Sample ID: CS-4 (4.5)

Lab Sample ID: 890-9758-4

Date Collected: 04/08/26 14:34
Matrix: Solid
Date Received: 04/08/26 15:37

Prep 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	137294	04/09/26 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137273	04/09/26 13:57	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137490	04/09/26 13:57	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Job ID: 890-9758-1
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)
SDG: Eddy County New Mexico

Client Sample ID: CS-4 (4.5)
Lab Sample ID: 890-9758-4
Date Collected: 04/08/26 14:34
Matrix: Solid
Date Received: 04/08/26 15:37

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			137427	04/10/26 11:41	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137279	04/09/26 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 11:41	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137348	04/09/26 13:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	137352	04/10/26 00:11	CS	EET MID

Client Sample ID: CS-5 (4.5)
Lab Sample ID: 890-9758-5
Date Collected: 04/08/26 14:35
Matrix: Solid
Date Received: 04/08/26 15:37

Prep 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	137294	04/09/26 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137273	04/09/26 14:17	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137490	04/09/26 14:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			137427	04/10/26 11:54	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	137279	04/09/26 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 11:54	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137348	04/09/26 13:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	137352	04/10/26 00:16	CS	EET MID

Client Sample ID: CS-6 (4.5)
Lab Sample ID: 890-9758-6
Date Collected: 04/08/26 14:36
Matrix: Solid
Date Received: 04/08/26 15:37

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	137294	04/09/26 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137273	04/09/26 14:37	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137490	04/09/26 14:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			137427	04/10/26 12:09	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	137279	04/09/26 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 12:09	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137348	04/09/26 13:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	137352	04/10/26 00:21	CS	EET MID

Client Sample ID: CS-7 (4.5)
Lab Sample ID: 890-9758-7
Date Collected: 04/08/26 14:37
Matrix: Solid
Date Received: 04/08/26 15:37

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	137294	04/09/26 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137273	04/09/26 14:58	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137490	04/09/26 14:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			137427	04/10/26 12:23	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	137279	04/09/26 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 12:23	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

Client Sample ID: CS-7 (4.5)

Lab Sample ID: 890-9758-7
Matrix: Solid
Date Collected: 04/08/26 14:37
Date Received: 04/08/26 15:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	137348	04/09/26 13:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137352	04/10/26 08:40	CS	EET MID

Client Sample ID: CS-8 (4.5)

Lab Sample ID: 890-9758-8
Matrix: Solid
Date Collected: 04/08/26 14:37
Date Received: 04/08/26 15:37

Prep 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	137294	04/09/26 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137273	04/09/26 15:18	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137490	04/09/26 15:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			137427	04/10/26 12:37	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137279	04/09/26 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 12:37	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	137348	04/09/26 13:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137352	04/10/26 08:45	CS	EET MID

Client Sample ID: SW-1 (4.5)

Lab Sample ID: 890-9758-9
Matrix: Solid
Date Collected: 04/08/26 14:38
Date Received: 04/08/26 15:37

Prep 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	137294	04/09/26 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137273	04/09/26 15:39	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137490	04/09/26 15:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			137427	04/10/26 12:51	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	137279	04/09/26 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 12:51	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	137348	04/09/26 13:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137352	04/10/26 08:51	CS	EET MID

Client Sample ID: SW-2 (4.5)

Lab Sample ID: 890-9758-10
Matrix: Solid
Date Collected: 04/08/26 14:39
Date Received: 04/08/26 15:37

Prep 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	137294	04/09/26 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137273	04/09/26 17:13	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137490	04/09/26 17:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			137427	04/10/26 13:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137279	04/09/26 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 13:06	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	137348	04/09/26 13:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137352	04/10/26 08:56	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Job ID: 890-9758-1
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)
SDG: Eddy County New Mexico

Client Sample ID: SW-3 (4.5)
Lab Sample ID: 890-9758-11
Date Collected: 04/08/26 14:40
Matrix: Solid
Date Received: 04/08/26 15:37

Prep 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	137294	04/09/26 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137273	04/09/26 17:34	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137490	04/09/26 17:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			137427	04/09/26 16:05	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	137064	04/07/26 10:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137289	04/09/26 16:05	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	137348	04/09/26 13:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137352	04/10/26 09:01	CS	EET MID

Client Sample ID: SW-4 (4.5)
Lab Sample ID: 890-9758-12
Date Collected: 04/08/26 14:41
Matrix: Solid
Date Received: 04/08/26 15:37

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	137294	04/09/26 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137273	04/09/26 17:54	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137490	04/09/26 17:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			137427	04/09/26 14:55	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137182	04/08/26 09:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137287	04/09/26 14:55	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137348	04/09/26 13:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137352	04/10/26 09:06	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Job ID: 890-9758-1
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)
SDG: Eddy County New Mexico

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal com 4H (12.28.2025)

Job ID: 890-9758-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9758-1	CS-1 (4.5)	Solid	04/08/26 14:30	04/08/26 15:37	Texas
890-9758-2	CS-2 (4.5)	Solid	04/08/26 14:31	04/08/26 15:37	Texas
890-9758-3	CS-3 (4.5)	Solid	04/08/26 14:33	04/08/26 15:37	Texas
890-9758-4	CS-4 (4.5)	Solid	04/08/26 14:34	04/08/26 15:37	Texas
890-9758-5	CS-5 (4.5)	Solid	04/08/26 14:35	04/08/26 15:37	Texas
890-9758-6	CS-6 (4.5)	Solid	04/08/26 14:36	04/08/26 15:37	Texas
890-9758-7	CS-7 (4.5)	Solid	04/08/26 14:37	04/08/26 15:37	Texas
890-9758-8	CS-8 (4.5)	Solid	04/08/26 14:37	04/08/26 15:37	Texas
890-9758-9	SW-1 (4.5)	Solid	04/08/26 14:38	04/08/26 15:37	Texas
890-9758-10	SW-2 (4.5)	Solid	04/08/26 14:39	04/08/26 15:37	Texas
890-9758-11	SW-3 (4.5)	Solid	04/08/26 14:40	04/08/26 15:37	Texas
890-9758-12	SW-4 (4.5)	Solid	04/08/26 14:41	04/08/26 15:37	Texas

Released to Imaging: 5/6/2026 4:20:08 PM
Received by OCD: 4/22/2026 6:58:20 AM

Chain of Custody

890-9758 Chain of Custody

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79701
Phone:	432-813-6823	Email:	ThielkeA@carmonaresources.com & Laci.Luig@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Federal Com 4H (12.28.2025)	Turn Around	
Project Number:	3099	☐ Routine	☑ Rush
Project Location	Eddy County, New Mexico	Due Date:	48 HR
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	Inmec	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.0	
Total Containers:		Corrected Temperature:	2.8	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0
CS-1 (4.5')	4/8/2026	14:30:00	X		Comp	1	X	X	X
CS-2 (4.5')	4/8/2026	14:31:00	X		Comp	1	X	X	X
CS-3 (4.5')	4/8/2026	14:33:00	X		Comp	1	X	X	X
CS-4 (4.5')	4/8/2026	14:34:00	X		Comp	1	X	X	X
CS-5 (4.5')	4/8/2026	14:35:00	X		Comp	1	X	X	X
CS-6 (4.5')	4/8/2026	14:36:00	X		Comp	1	X	X	X
CS-7 (4.5')	4/8/2026	14:37:00	X		Comp	1	X	X	X
CS-8 (4.5')	4/8/2026	14:37:00	X		Comp	1	X	X	X
SW-1 (4.5')	4/8/2026	14:38:00	X		Comp	1	X	X	X
SW-2 (4.5')	4/8/2026	14:39:00	X		Comp	1	X	X	X

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Comments

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4/8 15:37

Released to Imaging: 5/6/2026 4:20:08 PM
Received by OCD: 4/22/2026 6:58:20 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79701
Phone:	432-813-6823	Email:	ThielkeA@carmonaresources.com & Laci.Luig@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Federal Com 4H (12.28.2025)	Turn Around	
Project Number:	3099	☐ Routine	☑ Rush
Project Location	Eddy County, New Mexico	Due Date:	48 HR
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:	Trimac	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.0	
Total Containers:		Corrected Temperature:	2.8	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-3 (2.5'-4.5')	4/8/2026	14:40:00	X		Comp	1		X	X	X	
SW-4 (1.5'-4.5')	4/8/2026	14:41:00	X		Comp	1		X	X	X	

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4/8 1587

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6781.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9758-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/10/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Bonnie 35 Federal com 4H (12.28.2025)	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	80021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS-1 (4.5) (890-9758-1)	4/8/26	14:30 Central	G	Solid			X	X	X	X	X	1	
CS-2 (4.5) (890-9758-2)	4/8/26	14:31 Central	G	Solid			X	X	X	X	X	1	
CS-3 (4.5) (890-9758-3)	4/8/26	14:33 Central	G	Solid			X	X	X	X	X	1	
CS-4 (4.5) (890-9758-4)	4/8/26	14:34 Central	G	Solid			X	X	X	X	X	1	
CS-5 (4.5) (890-9758-5)	4/8/26	14:35 Central	G	Solid			X	X	X	X	X	1	
CS-6 (4.5) (890-9758-6)	4/8/26	14:36 Central	G	Solid			X	X	X	X	X	1	
CS-7 (4.5) (890-9758-7)	4/8/26	14:37 Central	G	Solid			X	X	X	X	X	1	
CS-8 (4.5) (890-9758-8)	4/8/26	14:37 Central	G	Solid			X	X	X	X	X	1	
SW-1 (4.5) (890-9758-9)	4/8/26	14:38 Central	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	4-8 1630			4-8-26 800	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

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Received by OCD: 4/22/2026 6:58:20 AM
4/10/2026
Page 37 of 40
Released to Imaging: 5/6/2026 4:20:08 PM

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6781.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9758-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/10/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Bonnie 35 Federal com 4H (12.28.2025)	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SW-2 (4.5) (890-9758-10)	4/8/26	14:39 Central	G	Solid			X	X	X	X	X	1	
SW-3 (4.5) (890-9758-11)	4/8/26	14:40 Central	G	Solid			X	X	X	X	X	1	
SW-4 (4.5) (890-9758-12)	4/8/26	14:41 Central	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Received by OCD: 4/22/2026 6:58:20 AM

Released to Imaging: 5/6/2026 4:20:08 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9758-1
SDG Number: Eddy County New Mexico

Login Number: 9758
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9758-1
SDG Number: Eddy County New Mexico

Login Number: 9758
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/09/26 07:57 AM

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/10/2026 4:48:35 PM

JOB DESCRIPTION

Bonnie 35 Federal Com 4H (12.28.2025)
Eddy County New Mexico

JOB NUMBER

890-9763-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 5/6/2026 4:20:08 PM

my EOL

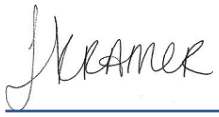
Eurofins Carlsbad

Job Notes

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

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

Authorization



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4/10/2026 4:48:35 PM

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

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Laboratory Job ID: 890-9763-1
SDG: Eddy County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources Job ID: 890-9763-1
Project: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1 **Eurofins Carlsbad**

Job Narrative
890-9763-1

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

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

Receipt
The samples were received on 4/9/2026 3:52 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 4.4°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS-9 (2.5) (890-9763-1), CS-10 (2.5) (890-9763-2), CS-11 (4.5) (890-9763-3), CS-12 (4.5) (890-9763-4), CS-13 (4.5) (890-9763-5) and CS-14 (4.5) (890-9763-6).

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-137398 and analytical batch 880-137404 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-137404 recovered above the upper control limit for Ethylbenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 880-137404/2).

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-9 (2.5) (890-9763-1), CS-10 (2.5) (890-9763-2), CS-11 (4.5) (890-9763-3), CS-12 (4.5) (890-9763-4), CS-13 (4.5) (890-9763-5), CS-14 (4.5) (890-9763-6), (LCS 880-137398/1-A), (LCSD 880-137398/2-A), (890-9763-A-1-E MS) and (890-9763-A-1-F MSD). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-137398 and analytical batch 880-137404 was outside the upper control limits.

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

Diesel Range Organics
Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137374 and analytical batch 880-137401 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC
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: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

Client Sample ID: CS-9 (2.5)

Lab Sample ID: 890-9763-1
Matrix: Solid
Date Collected: 04/09/26 13:12
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 F2	0.00200		mg/Kg		04/10/26 09:15	04/10/26 13:00	1
Toluene	<0.00200	U F1 F2	0.00200		mg/Kg		04/10/26 09:15	04/10/26 13:00	1
Ethylbenzene	<0.00200	U F1 F2	0.00200		mg/Kg		04/10/26 09:15	04/10/26 13:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/10/26 09:15	04/10/26 13:00	1
o-Xylene	<0.00200	U F1 F2	0.00200		mg/Kg		04/10/26 09:15	04/10/26 13:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/26 09:15	04/10/26 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*04/10/26 09:15*	*04/10/26 13:00*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/10/26 09:15*	*04/10/26 13:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/26 13:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/26 15:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/26 08:00	04/10/26 15:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/09/26 08:00	04/10/26 15:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/26 08:00	04/10/26 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*04/09/26 08:00*	*04/10/26 15:35*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/09/26 08:00*	*04/10/26 15:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**200**		10.0		mg/Kg			04/10/26 09:12	1

Client Sample ID: CS-10 (2.5)

Lab Sample ID: 890-9763-2
Matrix: Solid
Date Collected: 04/09/26 13:14
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:15	04/10/26 13:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:15	04/10/26 13:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:15	04/10/26 13:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/10/26 09:15	04/10/26 13:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:15	04/10/26 13:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/26 09:15	04/10/26 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*04/10/26 09:15*	*04/10/26 13:20*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*04/10/26 09:15*	*04/10/26 13:20*	*1*

Client Sample Results

Client: Carmona Resources
Job ID: 890-9763-1
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)
SDG: Eddy County New Mexico

Client Sample ID: CS-10 (2.5)

Lab Sample ID: 890-9763-2
Date Collected: 04/09/26 13:14
Matrix: Solid
Date Received: 04/09/26 15:52

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/26 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 15:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 08:00	04/10/26 15:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 08:00	04/10/26 15:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 08:00	04/10/26 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/09/26 08:00*	*04/10/26 15:50*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/09/26 08:00*	*04/10/26 15:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**280**		10.1		mg/Kg			04/10/26 09:28	1

Client Sample ID: CS-11 (4.5)

Lab Sample ID: 890-9763-3
Date Collected: 04/09/26 13:16
Matrix: Solid
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/10/26 09:15	04/10/26 13:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/10/26 09:15	04/10/26 13:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/10/26 09:15	04/10/26 13:41	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/10/26 09:15	04/10/26 13:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/10/26 09:15	04/10/26 13:41	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/10/26 09:15	04/10/26 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*04/10/26 09:15*	*04/10/26 13:41*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/10/26 09:15*	*04/10/26 13:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/10/26 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/26 16:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/26 08:00	04/10/26 16:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/09/26 08:00	04/10/26 16:04	1

Client Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

Client Sample ID: CS-11 (4.5)

Lab Sample ID: 890-9763-3
Matrix: Solid
Date Collected: 04/09/26 13:16
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/26 08:00	04/10/26 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/09/26 08:00*	*04/10/26 16:04*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/09/26 08:00*	*04/10/26 16:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**63.6**		9.92		mg/Kg			04/10/26 09:33	1

Client Sample ID: CS-12 (4.5)

Lab Sample ID: 890-9763-4
Matrix: Solid
Date Collected: 04/09/26 13:18
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/26 09:15	04/10/26 14:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/26 09:15	04/10/26 14:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/26 09:15	04/10/26 14:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/10/26 09:15	04/10/26 14:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/26 09:15	04/10/26 14:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/26 09:15	04/10/26 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*04/10/26 09:15*	*04/10/26 14:01*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/10/26 09:15*	*04/10/26 14:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/26 14:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 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	<50.0	U	50.0		mg/Kg		04/09/26 08:00	04/10/26 16:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 08:00	04/10/26 16:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 08:00	04/10/26 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*04/09/26 08:00*	*04/10/26 16:18*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/09/26 08:00*	*04/10/26 16:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**407**		9.98		mg/Kg			04/10/26 09:38	1

Client Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

Client Sample ID: CS-13 (4.5)

Lab Sample ID: 890-9763-5
Matrix: Solid
Date Collected: 04/09/26 13:20
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:15	04/10/26 14:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:15	04/10/26 14:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:15	04/10/26 14:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/10/26 09:15	04/10/26 14:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:15	04/10/26 14:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/26 09:15	04/10/26 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*04/10/26 09:15*	*04/10/26 14:22*	*1*
1,4-Difluorobenzene (Surr)	*62*	*S1-*	*70 - 130*	*04/10/26 09:15*	*04/10/26 14:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/26 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 11:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 11:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 11:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 11:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/09/26 15:53*	*04/10/26 11:20*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/09/26 15:53*	*04/10/26 11:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		10.1		mg/Kg			04/10/26 11:20	1

Client Sample ID: CS-14 (4.5)

Lab Sample ID: 890-9763-6
Matrix: Solid
Date Collected: 04/09/26 13:22
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:15	04/10/26 14:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:15	04/10/26 14:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:15	04/10/26 14:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/10/26 09:15	04/10/26 14:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:15	04/10/26 14:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/26 09:15	04/10/26 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*04/10/26 09:15*	*04/10/26 14:42*	*1*
1,4-Difluorobenzene (Surr)	*63*	*S1-*	*70 - 130*	*04/10/26 09:15*	*04/10/26 14:42*	*1*

Client Sample Results

Client: Carmona Resources
Job ID: 890-9763-1
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)
SDG: Eddy County New Mexico

Client Sample ID: CS-14 (4.5)
Lab Sample ID: 890-9763-6
Date Collected: 04/09/26 13:22
Matrix: Solid
Date Received: 04/09/26 15:52

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/26 14:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/26 11:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/26 15:53	04/10/26 11:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/09/26 15:53	04/10/26 11:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/26 15:53	04/10/26 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/09/26 15:53*	*04/10/26 11:35*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*04/09/26 15:53*	*04/10/26 11:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**268**		10.1		mg/Kg			04/10/26 11:26	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-9763-1	CS-9 (2.5)	149 S1+	88
890-9763-1 MS	CS-9 (2.5)	68 S1-	185 S1+
890-9763-1 MSD	CS-9 (2.5)	129	209 S1+
890-9763-2	CS-10 (2.5)	149 S1+	73
890-9763-3	CS-11 (4.5)	151 S1+	83
890-9763-4	CS-12 (4.5)	145 S1+	91
890-9763-5	CS-13 (4.5)	136 S1+	62 S1-
890-9763-6	CS-14 (4.5)	151 S1+	63 S1-
LCS 880-137398/1-A	Lab Control Sample	86	303 S1+
LCSD 880-137398/2-A	Lab Control Sample Dup	307 S1+	511 S1+
MB 880-137398/5-A	Method Blank	144 S1+	74

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)
880-70748-A-5-D MS	Matrix Spike	94	97
880-70748-A-5-E MSD	Matrix Spike Duplicate	95	97
890-9758-A-1-B MS	Matrix Spike	95	94
890-9758-A-1-C MSD	Matrix Spike Duplicate	101	95
890-9763-1	CS-9 (2.5)	92	102
890-9763-2	CS-10 (2.5)	81	90
890-9763-3	CS-11 (4.5)	93	104
890-9763-4	CS-12 (4.5)	79	89
890-9763-5	CS-13 (4.5)	120	117
890-9763-6	CS-14 (4.5)	111	112
LCS 880-137279/2-A	Lab Control Sample	89	95
LCS 880-137374/2-A	Lab Control Sample	81	85
LCSD 880-137279/3-A	Lab Control Sample Dup	89	95
LCSD 880-137374/3-A	Lab Control Sample Dup	88	91
MB 880-137279/1-A	Method Blank	75	87
MB 880-137374/1-A	Method Blank	126	124

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-137398/5-A
Matrix: Solid
Analysis Batch: 137404

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137398

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:15	04/10/26 12:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:15	04/10/26 12:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:15	04/10/26 12:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/10/26 09:15	04/10/26 12:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:15	04/10/26 12:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/26 09:15	04/10/26 12:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*04/10/26 09:15*	*04/10/26 12:38*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/10/26 09:15*	*04/10/26 12:38*	*1*

Lab Sample ID: LCS 880-137398/1-A
Matrix: Solid
Analysis Batch: 137404

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137398

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1032		mg/Kg		103	70 - 130		
Toluene			0.100	0.08944		mg/Kg		89	70 - 130		
Ethylbenzene			0.100	0.1184		mg/Kg		118	70 - 130		
m-Xylene & p-Xylene			0.200	0.2155		mg/Kg		108	70 - 130		
o-Xylene			0.100	0.09610		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*
1,4-Difluorobenzene (Surr)	*303*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-137398/2-A
Matrix: Solid
Analysis Batch: 137404

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137398

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1181		mg/Kg		118	70 - 130	13	35
Toluene			0.100	0.1175		mg/Kg		118	70 - 130	27	35
Ethylbenzene			0.100	0.1045		mg/Kg		105	70 - 130	12	35
m-Xylene & p-Xylene			0.200	0.1828		mg/Kg		91	70 - 130	16	35
o-Xylene			0.100	0.1034		mg/Kg		103	70 - 130	7	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*307*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*511*	*S1+*	*70 - 130*

Lab Sample ID: 890-9763-1 MS
Matrix: Solid
Analysis Batch: 137404

Client Sample ID: CS-9 (2.5)
Prep Type: Total/NA
Prep Batch: 137398

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U F1 F2	0.100	0.07733		mg/Kg		77	70 - 130		
Toluene	<0.00200	U F1 F2	0.100	0.1333	F1	mg/Kg		133	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9763-1 MS
Matrix: Solid
Analysis Batch: 137404

Client Sample ID: CS-9 (2.5)
Prep Type: Total/NA
Prep Batch: 137398

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1 F2	0.100	0.05429	F1	mg/Kg		54	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1588		mg/Kg		79	70 - 130
o-Xylene	<0.00200	U F1 F2	0.100	0.06699	F1	mg/Kg		67	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*68*	*S1-*	*70 - 130*
1,4-Difluorobenzene (Surr)	*185*	*S1+*	*70 - 130*

Lab Sample ID: 890-9763-1 MSD
Matrix: Solid
Analysis Batch: 137404

Client Sample ID: CS-9 (2.5)
Prep Type: Total/NA
Prep Batch: 137398

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.100	0.04717	F1 F2	mg/Kg		47	70 - 130	48	35
Toluene	<0.00200	U F1 F2	0.100	0.07750	F2	mg/Kg		78	70 - 130	53	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.08443	F2	mg/Kg		84	70 - 130	43	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1754		mg/Kg		88	70 - 130	10	35
o-Xylene	<0.00200	U F1 F2	0.100	0.1023	F2	mg/Kg		102	70 - 130	42	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*
1,4-Difluorobenzene (Surr)	*209*	*S1+*	*70 - 130*

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

Lab Sample ID: MB 880-137279/1-A
Matrix: Solid
Analysis Batch: 137396

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 08:00	04/10/26 08:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 08:00	04/10/26 08:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 08:00	04/10/26 08:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/09/26 08:00*	*04/10/26 08:31*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/09/26 08:00*	*04/10/26 08:31*	*1*

Lab Sample ID: LCS 880-137279/2-A
Matrix: Solid
Analysis Batch: 137396

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	781.3		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	1000	988.1		mg/Kg		99	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-137279/2-A
Matrix: Solid
Analysis Batch: 137396

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137279

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-137279/3-A
Matrix: Solid
Analysis Batch: 137396

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137279

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	788.6		mg/Kg		79	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1001		mg/Kg		100	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	95		70 - 130

Lab Sample ID: 890-9758-A-1-B MS
Matrix: Solid
Analysis Batch: 137396

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 137279

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	783.3		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	984.3		mg/Kg		98	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	95		70 - 130
o-Terphenyl (Surr)	94		70 - 130

Lab Sample ID: 890-9758-A-1-C MSD
Matrix: Solid
Analysis Batch: 137396

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 137279

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	786.2		mg/Kg		79	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	1027		mg/Kg		103	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	95		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

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

Lab Sample ID: MB 880-137374/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137401 — **Prep Batch: 137374**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 08:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 08:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 08:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*126*		*70 - 130*	*04/09/26 15:53*	*04/10/26 08:25*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*04/09/26 15:53*	*04/10/26 08:25*	*1*

Lab Sample ID: LCS 880-137374/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137401 — **Prep Batch: 137374**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	909.6		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	877.3		mg/Kg		88	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*81*		*70 - 130*
o-Terphenyl (Surr)	*85*		*70 - 130*

Lab Sample ID: LCSD 880-137374/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137401 — **Prep Batch: 137374**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	975.4		mg/Kg		98	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	952.9		mg/Kg		95	70 - 130	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*88*		*70 - 130*
o-Terphenyl (Surr)	*91*		*70 - 130*

Lab Sample ID: 880-70748-A-5-D MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137401 — **Prep Batch: 137374**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	997	622.3	F1	mg/Kg		60	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	997	723.6		mg/Kg		73	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-70748-A-5-D MS
Matrix: Solid
Analysis Batch: 137401

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 137374

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	97		70 - 130

Lab Sample ID: 880-70748-A-5-E MSD
Matrix: Solid
Analysis Batch: 137401

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 137374

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	997	636.7	F1	mg/Kg		62	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.1	U	997	741.6		mg/Kg		74	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	95		70 - 130
o-Terphenyl (Surr)	97		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-137388/1-A
Matrix: Solid
Analysis Batch: 137390

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/10/26 08:56	1

Lab Sample ID: LCS 880-137388/2-A
Matrix: Solid
Analysis Batch: 137390

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.3		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-137388/3-A
Matrix: Solid
Analysis Batch: 137390

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	239.9		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 890-9763-1 MS
Matrix: Solid
Analysis Batch: 137390

Client Sample ID: CS-9 (2.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	200		251	439.7		mg/Kg		95	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9763-1 MSD
Matrix: Solid
Analysis Batch: 137390

Client Sample ID: CS-9 (2.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	200		251	440.4		mg/Kg		96	90 - 110	0	20

Lab Sample ID: MB 880-137387/1-A
Matrix: Solid
Analysis Batch: 137391

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/10/26 08:24	1

Lab Sample ID: LCS 880-137387/2-A
Matrix: Solid
Analysis Batch: 137391

Client Sample ID: Lab Control Sample
Prep Type: Soluble

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

Lab Sample ID: LCSD 880-137387/3-A
Matrix: Solid
Analysis Batch: 137391

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	236.8		mg/Kg		95	90 - 110	2	20

Lab Sample ID: 880-70805-A-1-C MS
Matrix: Solid
Analysis Batch: 137391

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	45.7		250	293.0		mg/Kg		99	90 - 110

Lab Sample ID: 880-70805-A-1-D MSD
Matrix: Solid
Analysis Batch: 137391

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	45.7		250	283.9		mg/Kg		95	90 - 110	3	20

QC Association Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

GC VOA

Prep Batch: 137398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9763-1	CS-9 (2.5)	Total/NA	Solid	5035	
890-9763-2	CS-10 (2.5)	Total/NA	Solid	5035	
890-9763-3	CS-11 (4.5)	Total/NA	Solid	5035	
890-9763-4	CS-12 (4.5)	Total/NA	Solid	5035	
890-9763-5	CS-13 (4.5)	Total/NA	Solid	5035	
890-9763-6	CS-14 (4.5)	Total/NA	Solid	5035	
MB 880-137398/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137398/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137398/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9763-1 MS	CS-9 (2.5)	Total/NA	Solid	5035	
890-9763-1 MSD	CS-9 (2.5)	Total/NA	Solid	5035	

Analysis Batch: 137404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9763-1	CS-9 (2.5)	Total/NA	Solid	8021B	137398
890-9763-2	CS-10 (2.5)	Total/NA	Solid	8021B	137398
890-9763-3	CS-11 (4.5)	Total/NA	Solid	8021B	137398
890-9763-4	CS-12 (4.5)	Total/NA	Solid	8021B	137398
890-9763-5	CS-13 (4.5)	Total/NA	Solid	8021B	137398
890-9763-6	CS-14 (4.5)	Total/NA	Solid	8021B	137398
MB 880-137398/5-A	Method Blank	Total/NA	Solid	8021B	137398
LCS 880-137398/1-A	Lab Control Sample	Total/NA	Solid	8021B	137398
LCSD 880-137398/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137398
890-9763-1 MS	CS-9 (2.5)	Total/NA	Solid	8021B	137398
890-9763-1 MSD	CS-9 (2.5)	Total/NA	Solid	8021B	137398

Analysis Batch: 137495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9763-1	CS-9 (2.5)	Total/NA	Solid	Total BTEX	
890-9763-2	CS-10 (2.5)	Total/NA	Solid	Total BTEX	
890-9763-3	CS-11 (4.5)	Total/NA	Solid	Total BTEX	
890-9763-4	CS-12 (4.5)	Total/NA	Solid	Total BTEX	
890-9763-5	CS-13 (4.5)	Total/NA	Solid	Total BTEX	
890-9763-6	CS-14 (4.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 137279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9763-1	CS-9 (2.5)	Total/NA	Solid	8015NM Prep	
890-9763-2	CS-10 (2.5)	Total/NA	Solid	8015NM Prep	
890-9763-3	CS-11 (4.5)	Total/NA	Solid	8015NM Prep	
890-9763-4	CS-12 (4.5)	Total/NA	Solid	8015NM Prep	
MB 880-137279/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137279/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137279/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9758-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9758-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

GC Semi VOA

Prep Batch: 137374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9763-5	CS-13 (4.5)	Total/NA	Solid	8015NM Prep	
890-9763-6	CS-14 (4.5)	Total/NA	Solid	8015NM Prep	
MB 880-137374/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137374/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137374/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-70748-A-5-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-70748-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 137396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9763-1	CS-9 (2.5)	Total/NA	Solid	8015B NM	137279
890-9763-2	CS-10 (2.5)	Total/NA	Solid	8015B NM	137279
890-9763-3	CS-11 (4.5)	Total/NA	Solid	8015B NM	137279
890-9763-4	CS-12 (4.5)	Total/NA	Solid	8015B NM	137279
MB 880-137279/1-A	Method Blank	Total/NA	Solid	8015B NM	137279
LCS 880-137279/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137279
LCSD 880-137279/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137279
890-9758-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	137279
890-9758-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	137279

Analysis Batch: 137401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9763-5	CS-13 (4.5)	Total/NA	Solid	8015B NM	137374
890-9763-6	CS-14 (4.5)	Total/NA	Solid	8015B NM	137374
MB 880-137374/1-A	Method Blank	Total/NA	Solid	8015B NM	137374
LCS 880-137374/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137374
LCSD 880-137374/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137374
880-70748-A-5-D MS	Matrix Spike	Total/NA	Solid	8015B NM	137374
880-70748-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	137374

Analysis Batch: 137476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9763-1	CS-9 (2.5)	Total/NA	Solid	8015 NM	
890-9763-2	CS-10 (2.5)	Total/NA	Solid	8015 NM	
890-9763-3	CS-11 (4.5)	Total/NA	Solid	8015 NM	
890-9763-4	CS-12 (4.5)	Total/NA	Solid	8015 NM	
890-9763-5	CS-13 (4.5)	Total/NA	Solid	8015 NM	
890-9763-6	CS-14 (4.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 137387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9763-5	CS-13 (4.5)	Soluble	Solid	DI Leach	
890-9763-6	CS-14 (4.5)	Soluble	Solid	DI Leach	
MB 880-137387/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137387/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137387/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-70805-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-70805-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

HPLC/IC

Leach Batch: 137388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9763-1	CS-9 (2.5)	Soluble	Solid	DI Leach	
890-9763-2	CS-10 (2.5)	Soluble	Solid	DI Leach	
890-9763-3	CS-11 (4.5)	Soluble	Solid	DI Leach	
890-9763-4	CS-12 (4.5)	Soluble	Solid	DI Leach	
MB 880-137388/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137388/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137388/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9763-1 MS	CS-9 (2.5)	Soluble	Solid	DI Leach	
890-9763-1 MSD	CS-9 (2.5)	Soluble	Solid	DI Leach	

Analysis Batch: 137390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9763-1	CS-9 (2.5)	Soluble	Solid	300.0	137388
890-9763-2	CS-10 (2.5)	Soluble	Solid	300.0	137388
890-9763-3	CS-11 (4.5)	Soluble	Solid	300.0	137388
890-9763-4	CS-12 (4.5)	Soluble	Solid	300.0	137388
MB 880-137388/1-A	Method Blank	Soluble	Solid	300.0	137388
LCS 880-137388/2-A	Lab Control Sample	Soluble	Solid	300.0	137388
LCSD 880-137388/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137388
890-9763-1 MS	CS-9 (2.5)	Soluble	Solid	300.0	137388
890-9763-1 MSD	CS-9 (2.5)	Soluble	Solid	300.0	137388

Analysis Batch: 137391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9763-5	CS-13 (4.5)	Soluble	Solid	300.0	137387
890-9763-6	CS-14 (4.5)	Soluble	Solid	300.0	137387
MB 880-137387/1-A	Method Blank	Soluble	Solid	300.0	137387
LCS 880-137387/2-A	Lab Control Sample	Soluble	Solid	300.0	137387
LCSD 880-137387/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137387
880-70805-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	137387
880-70805-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	137387

Lab Chronicle

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

Client Sample ID: CS-9 (2.5)

Lab Sample ID: 890-9763-1
Matrix: Solid
Date Collected: 04/09/26 13:12
Date Received: 04/09/26 15:52

Prep 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	137398	04/10/26 09:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137404	04/10/26 13:00	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137495	04/10/26 13:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			137476	04/10/26 15:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137279	04/09/26 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 15:35	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137388	04/10/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137390	04/10/26 09:12	CS	EET MID

Client Sample ID: CS-10 (2.5)

Lab Sample ID: 890-9763-2
Matrix: Solid
Date Collected: 04/09/26 13:14
Date Received: 04/09/26 15:52

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	137398	04/10/26 09:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137404	04/10/26 13:20	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137495	04/10/26 13:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			137476	04/10/26 15:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137279	04/09/26 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 15:50	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137388	04/10/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137390	04/10/26 09:28	CS	EET MID

Client Sample ID: CS-11 (4.5)

Lab Sample ID: 890-9763-3
Matrix: Solid
Date Collected: 04/09/26 13:16
Date Received: 04/09/26 15:52

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	137398	04/10/26 09:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137404	04/10/26 13:41	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137495	04/10/26 13:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			137476	04/10/26 16:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137279	04/09/26 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 16:04	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137388	04/10/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137390	04/10/26 09:33	CS	EET MID

Client Sample ID: CS-12 (4.5)

Lab Sample ID: 890-9763-4
Matrix: Solid
Date Collected: 04/09/26 13:18
Date Received: 04/09/26 15:52

Prep 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	137398	04/10/26 09:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137404	04/10/26 14:01	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137495	04/10/26 14:01	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

Client Sample ID: CS-12 (4.5)

Lab Sample ID: 890-9763-4
Matrix: Solid
Date Collected: 04/09/26 13:18
Date Received: 04/09/26 15:52

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			137476	04/10/26 16:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137279	04/09/26 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 16:18	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137388	04/10/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137390	04/10/26 09:38	CS	EET MID

Client Sample ID: CS-13 (4.5)

Lab Sample ID: 890-9763-5
Matrix: Solid
Date Collected: 04/09/26 13:20
Date Received: 04/09/26 15:52

Prep 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	137398	04/10/26 09:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137404	04/10/26 14:22	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137495	04/10/26 14:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			137476	04/10/26 11:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137374	04/09/26 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137401	04/10/26 11:20	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	137387	04/10/26 07:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137391	04/10/26 11:20	CS	EET MID

Client Sample ID: CS-14 (4.5)

Lab Sample ID: 890-9763-6
Matrix: Solid
Date Collected: 04/09/26 13:22
Date Received: 04/09/26 15:52

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	137398	04/10/26 09:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137404	04/10/26 14:42	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137495	04/10/26 14:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			137476	04/10/26 11:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137374	04/09/26 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137401	04/10/26 11:35	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137387	04/10/26 07:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137391	04/10/26 11:26	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Job ID: 890-9763-1
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)
SDG: Eddy County New Mexico

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9763-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9763-1	CS-9 (2.5)	Solid	04/09/26 13:12	04/09/26 15:52	Texas
890-9763-2	CS-10 (2.5)	Solid	04/09/26 13:14	04/09/26 15:52	Texas
890-9763-3	CS-11 (4.5)	Solid	04/09/26 13:16	04/09/26 15:52	Texas
890-9763-4	CS-12 (4.5)	Solid	04/09/26 13:18	04/09/26 15:52	Texas
890-9763-5	CS-13 (4.5)	Solid	04/09/26 13:20	04/09/26 15:52	Texas
890-9763-6	CS-14 (4.5)	Solid	04/09/26 13:22	04/09/26 15:52	Texas

Released to Imaging: 5/6/2026 4:20:08 PM
Received by OCD: 4/22/2026 6:58:20 AM

Chain of Custody

890-9763 Chain of Custody

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79701
Phone:	432-813-6823	Email:	ThielkeA@carmonaresources.com & Laci.Luig@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Federal Com 4H (12.28.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3099	Due Date:	24 HR
Project Location	Eddy County, New Mexico		
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	Tmoo3
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	4.6
Total Containers:		Corrected Temperature:	4.4

ANALYSIS REQUEST

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-9 (2.5')	4/9/2026	1:12 PM	X		Comp	1		X	X	X	
CS-10 (2.5')	4/9/2026	1:14 PM	X		Comp	1		X	X	X	
CS-11 (4.5')	4/9/2026	1:16 PM	X		Comp	1		X	X	X	
CS-12 (4.5')	4/9/2026	1:18 PM	-X		Comp	1		X	X	X	
CS-13 (4.5')	4/9/2026	1:20 PM	X		Comp	1		X	X	X	
CS-14 (4.5')	4/9/2026	1:22 PM	X		Comp	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4.9 15:32

Page 240 of 474

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6789.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9763-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/10/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701	PO #: N/A			
Phone: 432-704-5440(Tel)	WO #: N/A			
Email: N/A	Project #: 88001161			
Project Name: Bonnie 35 Federal Com 4H (12.28.2025)	SSOW#: N/A			Other: N/A
Site: N/A				

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS-9 (2.5) (890-9763-1)	4/9/26	13:12 Central	G	Solid			X	X	X	X	X	1	
CS-10 (2.5) (890-9763-2)	4/9/26	13:14 Central	G	Solid			X	X	X	X	X	1	
CS-11 (4.5) (890-9763-3)	4/9/26	13:16 Central	G	Solid			X	X	X	X	X	1	
CS-12 (4.5) (890-9763-4)	4/9/26	13:18 Central	G	Solid			X	X	X	X	X	1	
CS-13 (4.5) (890-9763-5)	4/9/26	13:20 Central	G	Solid			X	X	X	X	X	1	
CS-14 (4.5) (890-9763-6)	4/9/26	13:22 Central	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

	Date:	Time:	Method of Shipment:
Empty Kit Relinquished by:			

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	4/9 1630			4-10-26 800	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seal No.: Cooler Temperature(s) °C and Other Remarks:

Received by OCD: 4/22/2026 6:58:20 AM

Released to Imaging: 5/6/2026 4:20:08 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9763-1
SDG Number: Eddy County New Mexico

Login Number: 9763
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9763-1
SDG Number: Eddy County New Mexico

Login Number: 9763
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/10/26 08:05 AM

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/10/2026 5:03:17 PM

JOB DESCRIPTION

BONNIE 35 FEDERAL COM 4H (12.28.2025)
Eddy County New Mexico

JOB NUMBER

890-9765-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 5/6/2026 4:20:08 PM

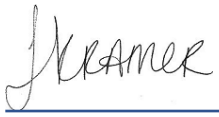
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
4/10/2026 5:03:17 PM

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

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Laboratory Job ID: 890-9765-1
SDG: Eddy County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources Job ID: 890-9765-1
Project: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1 Eurofins Carlsbad

Job Narrative
890-9765-1

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

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

Receipt
The samples were received on 4/9/2026 3:52 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 4.4°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: SW - 5 (1.5' - 2.5') (890-9765-1), SW - 6 (2.5') (890-9765-2), SW - 7 (2.5') (890-9765-3), SW - 8 (2.5') (890-9765-4), SW - 9 (2.5') (890-9765-5), SW - 10 (2.5') (890-9765-6), SW - 11 (2.5') (890-9765-7), SW - 12 (2.5') (890-9765-8), SW - 13 (2.5') (890-9765-9), SW - 14 (2.5') (890-9765-10) and SW - 15 (2.5') (890-9765-11).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: SW - 5 (1.5' - 2.5') (890-9765-1), SW - 6 (2.5') (890-9765-2), SW - 7 (2.5') (890-9765-3), SW - 8 (2.5') (890-9765-4), SW - 9 (2.5') (890-9765-5), SW - 10 (2.5') (890-9765-6), SW - 11 (2.5') (890-9765-7), SW - 12 (2.5') (890-9765-8), SW - 13 (2.5') (890-9765-9), SW - 14 (2.5') (890-9765-10), (LCS 880-137395/1-A), (LCSD 880-137395/2-A), (890-9765-A-1-C MS) and (890-9765-A-1-D MSD). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-137395 and analytical batch 880-137407 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside the upper control limit: SW - 15 (2.5') (890-9765-11). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: SW - 5 (1.5' - 2.5') (890-9765-1). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: SW - 9 (2.5') (890-9765-5), SW - 11 (2.5') (890-9765-7) and SW - 13 (2.5') (890-9765-9). Evidence of matrix interferences is not obvious.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137374 and analytical batch 880-137401 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC
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
Job ID: 890-9765-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

Client Sample ID: SW - 5 (1.5' - 2.5')

Lab Sample ID: 890-9765-1
Date Collected: 04/09/26 13:24
Matrix: Solid
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:12	04/10/26 13:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:12	04/10/26 13:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:12	04/10/26 13:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/10/26 09:12	04/10/26 13:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:12	04/10/26 13:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/26 09:12	04/10/26 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*156*	*S1+*	*70 - 130*	*04/10/26 09:12*	*04/10/26 13:00*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/10/26 09:12*	*04/10/26 13:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/26 13:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 11:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 15:53	04/10/26 11:50	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 15:53	04/10/26 11:50	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 15:53	04/10/26 11:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*131*	*S1+*	*70 - 130*	*04/09/26 15:53*	*04/10/26 11:50*	*1*
o-Terphenyl (Surr)	*129*		*70 - 130*	*04/09/26 15:53*	*04/10/26 11:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.3**		9.92		mg/Kg			04/10/26 09:43	1

Client Sample ID: SW - 6 (2.5')

Lab Sample ID: 890-9765-2
Date Collected: 04/09/26 13:26
Matrix: Solid
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:12	04/10/26 13:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:12	04/10/26 13:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:12	04/10/26 13:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/10/26 09:12	04/10/26 13:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:12	04/10/26 13:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/26 09:12	04/10/26 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*187*	*S1+*	*70 - 130*	*04/10/26 09:12*	*04/10/26 13:20*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/10/26 09:12*	*04/10/26 13:20*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

Client Sample ID: SW - 6 (2.5')

Lab Sample ID: 890-9765-2
Matrix: Solid
Date Collected: 04/09/26 13:26
Date Received: 04/09/26 15:52

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/26 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 12:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 15:53	04/10/26 12:05	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 15:53	04/10/26 12:05	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 15:53	04/10/26 12:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*04/09/26 15:53*	*04/10/26 12:05*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*04/09/26 15:53*	*04/10/26 12:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**481**		9.94		mg/Kg			04/10/26 09:59	1

Client Sample ID: SW - 7 (2.5')

Lab Sample ID: 890-9765-3
Matrix: Solid
Date Collected: 04/09/26 13:28
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/10/26 09:12	04/10/26 13:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/10/26 09:12	04/10/26 13:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/10/26 09:12	04/10/26 13:41	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/10/26 09:12	04/10/26 13:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/10/26 09:12	04/10/26 13:41	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/10/26 09:12	04/10/26 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*159*	*S1+*	*70 - 130*	*04/10/26 09:12*	*04/10/26 13:41*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/10/26 09:12*	*04/10/26 13:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/10/26 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/10/26 12:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/09/26 15:53	04/10/26 12:21	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/09/26 15:53	04/10/26 12:21	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

Client Sample ID: SW - 7 (2.5')

Lab Sample ID: 890-9765-3
Date Collected: 04/09/26 13:28
Matrix: Solid
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/09/26 15:53	04/10/26 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/09/26 15:53*	*04/10/26 12:21*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/09/26 15:53*	*04/10/26 12:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**223**		9.92		mg/Kg			04/10/26 10:04	1

Client Sample ID: SW - 8 (2.5')

Lab Sample ID: 890-9765-4
Date Collected: 04/09/26 13:30
Matrix: Solid
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/26 09:12	04/10/26 14:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/26 09:12	04/10/26 14:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/26 09:12	04/10/26 14:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/10/26 09:12	04/10/26 14:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/26 09:12	04/10/26 14:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/26 09:12	04/10/26 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*142*	*S1+*	*70 - 130*	*04/10/26 09:12*	*04/10/26 14:01*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/10/26 09:12*	*04/10/26 14:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/26 14:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/10/26 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/09/26 15:53	04/10/26 12:36	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/09/26 15:53	04/10/26 12:36	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/09/26 15:53	04/10/26 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*04/09/26 15:53*	*04/10/26 12:36*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*04/09/26 15:53*	*04/10/26 12:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**304**		10.0		mg/Kg			04/10/26 10:09	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

Client Sample ID: SW - 9 (2.5')

Lab Sample ID: 890-9765-5
Matrix: Solid
Date Collected: 04/09/26 13:32
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:12	04/10/26 14:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:12	04/10/26 14:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:12	04/10/26 14:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/10/26 09:12	04/10/26 14:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:12	04/10/26 14:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/26 09:12	04/10/26 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*155*	*S1+*	*70 - 130*	*04/10/26 09:12*	*04/10/26 14:22*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/10/26 09:12*	*04/10/26 14:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/26 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/10/26 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/09/26 15:53	04/10/26 12:51	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/09/26 15:53	04/10/26 12:51	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/09/26 15:53	04/10/26 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*140*	*S1+*	*70 - 130*	*04/09/26 15:53*	*04/10/26 12:51*	*1*
o-Terphenyl (Surr)	*136*	*S1+*	*70 - 130*	*04/09/26 15:53*	*04/10/26 12:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		10.1		mg/Kg			04/10/26 10:15	1

Client Sample ID: SW - 10 (2.5')

Lab Sample ID: 890-9765-6
Matrix: Solid
Date Collected: 04/09/26 13:34
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:12	04/10/26 14:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:12	04/10/26 14:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:12	04/10/26 14:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/10/26 09:12	04/10/26 14:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:12	04/10/26 14:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/26 09:12	04/10/26 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*04/10/26 09:12*	*04/10/26 14:42*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/10/26 09:12*	*04/10/26 14:42*	*1*

Client Sample Results

Client: Carmona Resources
Job ID: 890-9765-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

Client Sample ID: SW - 10 (2.5')

Lab Sample ID: 890-9765-6
Date Collected: 04/09/26 13:34
Matrix: Solid
Date Received: 04/09/26 15:52

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/26 14:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 13:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 15:53	04/10/26 13:22	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 15:53	04/10/26 13:22	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 15:53	04/10/26 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*04/09/26 15:53*	*04/10/26 13:22*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/09/26 15:53*	*04/10/26 13:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**445**		9.96		mg/Kg			04/10/26 10:20	1

Client Sample ID: SW - 11 (2.5')

Lab Sample ID: 890-9765-7
Date Collected: 04/09/26 13:36
Matrix: Solid
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/10/26 09:12	04/10/26 15:03	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/10/26 09:12	04/10/26 15:03	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/10/26 09:12	04/10/26 15:03	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/10/26 09:12	04/10/26 15:03	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/10/26 09:12	04/10/26 15:03	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/10/26 09:12	04/10/26 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*148*	*S1+*	*70 - 130*	*04/10/26 09:12*	*04/10/26 15:03*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/10/26 09:12*	*04/10/26 15:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/10/26 15:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 13:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 13:37	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

Client Sample ID: SW - 11 (2.5')

Lab Sample ID: 890-9765-7
Date Collected: 04/09/26 13:36
Matrix: Solid
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*132*	*S1+*	*70 - 130*	*04/09/26 15:53*	*04/10/26 13:37*	*1*
o-Terphenyl (Surr)	*131*	*S1+*	*70 - 130*	*04/09/26 15:53*	*04/10/26 13:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**265**		9.98		mg/Kg			04/10/26 10:25	1

Client Sample ID: SW - 12 (2.5')

Lab Sample ID: 890-9765-8
Date Collected: 04/09/26 13:38
Matrix: Solid
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/26 09:12	04/10/26 15:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/26 09:12	04/10/26 15:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/26 09:12	04/10/26 15:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/10/26 09:12	04/10/26 15:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/26 09:12	04/10/26 15:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/26 09:12	04/10/26 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*154*	*S1+*	*70 - 130*	*04/10/26 09:12*	*04/10/26 15:23*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/10/26 09:12*	*04/10/26 15:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/26 15:23	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			04/10/26 13:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 13:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 13:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/09/26 15:53*	*04/10/26 13:52*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/09/26 15:53*	*04/10/26 13:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**280**		9.92		mg/Kg			04/10/26 10:41	1

Client Sample Results

Client: Carmona Resources
Job ID: 890-9765-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

Client Sample ID: SW - 13 (2.5')

Lab Sample ID: 890-9765-9
Date Collected: 04/09/26 13:40
Matrix: Solid
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:12	04/10/26 15:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:12	04/10/26 15:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:12	04/10/26 15:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/10/26 09:12	04/10/26 15:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:12	04/10/26 15:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/26 09:12	04/10/26 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*04/10/26 09:12*	*04/10/26 15:43*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/10/26 09:12*	*04/10/26 15:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/26 15:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/26 14:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/26 15:53	04/10/26 14:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/09/26 15:53	04/10/26 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/26 15:53	04/10/26 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*137*	*S1+*	*70 - 130*	*04/09/26 15:53*	*04/10/26 14:07*	*1*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*	*04/09/26 15:53*	*04/10/26 14:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**386**		9.94		mg/Kg			04/10/26 10:46	1

Client Sample ID: SW - 14 (2.5')

Lab Sample ID: 890-9765-10
Date Collected: 04/09/26 13:42
Matrix: Solid
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:12	04/10/26 16:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:12	04/10/26 16:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:12	04/10/26 16:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/10/26 09:12	04/10/26 16:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/26 09:12	04/10/26 16:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/26 09:12	04/10/26 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*157*	*S1+*	*70 - 130*	*04/10/26 09:12*	*04/10/26 16:04*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/10/26 09:12*	*04/10/26 16:04*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

Client Sample ID: SW - 14 (2.5')

Lab Sample ID: 890-9765-10
Matrix: Solid
Date Collected: 04/09/26 13:42
Date Received: 04/09/26 15:52

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/26 16:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/26 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/26 15:53	04/10/26 14:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/09/26 15:53	04/10/26 14:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/26 15:53	04/10/26 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*04/09/26 15:53*	*04/10/26 14:22*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/09/26 15:53*	*04/10/26 14:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**215**		9.96		mg/Kg			04/10/26 11:02	1

Client Sample ID: SW - 15 (2.5')

Lab Sample ID: 890-9765-11
Matrix: Solid
Date Collected: 04/09/26 13:44
Date Received: 04/09/26 15:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/10/26 09:12	04/10/26 17:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/10/26 09:12	04/10/26 17:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/10/26 09:12	04/10/26 17:38	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/10/26 09:12	04/10/26 17:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/10/26 09:12	04/10/26 17:38	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/10/26 09:12	04/10/26 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*156*	*S1+*	*70 - 130*	*04/10/26 09:12*	*04/10/26 17:38*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/10/26 09:12*	*04/10/26 17:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/10/26 17:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 14:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 14:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 14:37	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

Client Sample ID: SW - 15 (2.5')
Date Collected: 04/09/26 13:44
Date Received: 04/09/26 15:52

Lab Sample ID: 890-9765-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/09/26 15:53*	*04/10/26 14:37*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/09/26 15:53*	*04/10/26 14:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**51.0**		10.0		mg/Kg			04/10/26 11:07	1

Surrogate Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
890-9765-1	SW - 5 (1.5' - 2.5')	156 S1+	88
890-9765-1 MS	SW - 5 (1.5' - 2.5')	135 S1+	12 S1-
890-9765-1 MSD	SW - 5 (1.5' - 2.5')	140 S1+	12 S1-
890-9765-2	SW - 6 (2.5')	187 S1+	82
890-9765-3	SW - 7 (2.5')	159 S1+	88
890-9765-4	SW - 8 (2.5')	142 S1+	88
890-9765-5	SW - 9 (2.5')	155 S1+	87
890-9765-6	SW - 10 (2.5')	146 S1+	87
890-9765-7	SW - 11 (2.5')	148 S1+	87
890-9765-8	SW - 12 (2.5')	154 S1+	87
890-9765-9	SW - 13 (2.5')	151 S1+	88
890-9765-10	SW - 14 (2.5')	157 S1+	88
890-9765-11	SW - 15 (2.5')	156 S1+	89
LCS 880-137395/1-A	Lab Control Sample	161 S1+	14 S1-
LCSD 880-137395/2-A	Lab Control Sample Dup	138 S1+	13 S1-
MB 880-137395/5-A	Method Blank	143 S1+	84

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-70748-A-5-D MS	Matrix Spike	94	97
880-70748-A-5-E MSD	Matrix Spike Duplicate	95	97
890-9765-1	SW - 5 (1.5' - 2.5')	131 S1+	129
890-9765-2	SW - 6 (2.5')	122	120
890-9765-3	SW - 7 (2.5')	120	117
890-9765-4	SW - 8 (2.5')	114	112
890-9765-5	SW - 9 (2.5')	140 S1+	136 S1+
890-9765-6	SW - 10 (2.5')	114	111
890-9765-7	SW - 11 (2.5')	132 S1+	131 S1+
890-9765-8	SW - 12 (2.5')	111	109
890-9765-9	SW - 13 (2.5')	137 S1+	135 S1+
890-9765-10	SW - 14 (2.5')	118	113
890-9765-11	SW - 15 (2.5')	103	100
LCS 880-137374/2-A	Lab Control Sample	81	85
LCSD 880-137374/3-A	Lab Control Sample Dup	88	91
MB 880-137374/1-A	Method Blank	126	124

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-137395/5-A
Matrix: Solid
Analysis Batch: 137407

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137395

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:12	04/10/26 12:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:12	04/10/26 12:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:12	04/10/26 12:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/10/26 09:12	04/10/26 12:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/26 09:12	04/10/26 12:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/26 09:12	04/10/26 12:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*143*	*S1+*	*70 - 130*	*04/10/26 09:12*	*04/10/26 12:38*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/10/26 09:12*	*04/10/26 12:38*	*1*

Lab Sample ID: LCS 880-137395/1-A
Matrix: Solid
Analysis Batch: 137407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137395

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1165		mg/Kg		116	70 - 130
Toluene	0.100	0.1041		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.1124		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2319		mg/Kg		116	70 - 130
o-Xylene	0.100	0.1164		mg/Kg		116	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*161*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*14*	*S1-*	*70 - 130*

Lab Sample ID: LCSD 880-137395/2-A
Matrix: Solid
Analysis Batch: 137407

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137395

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1073		mg/Kg		107	70 - 130	8	35
Toluene	0.100	0.09601		mg/Kg		96	70 - 130	8	35
Ethylbenzene	0.100	0.1042		mg/Kg		104	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2142		mg/Kg		107	70 - 130	8	35
o-Xylene	0.100	0.1078		mg/Kg		108	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*138*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*13*	*S1-*	*70 - 130*

Lab Sample ID: 890-9765-1 MS
Matrix: Solid
Analysis Batch: 137407

Client Sample ID: SW - 5 (1.5' - 2.5')
Prep Type: Total/NA
Prep Batch: 137395

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1027		mg/Kg		103	70 - 130
Toluene	<0.00200	U	0.100	0.09136		mg/Kg		91	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9765-1 MS
Matrix: Solid
Analysis Batch: 137407

Client Sample ID: SW - 5 (1.5' - 2.5')
Prep Type: Total/NA
Prep Batch: 137395

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.09910		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2024		mg/Kg		101	70 - 130
o-Xylene	<0.00200	U	0.100	0.1008		mg/Kg		101	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*12*	*S1-*	*70 - 130*

Lab Sample ID: 890-9765-1 MSD
Matrix: Solid
Analysis Batch: 137407

Client Sample ID: SW - 5 (1.5' - 2.5')
Prep Type: Total/NA
Prep Batch: 137395

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09954		mg/Kg		100	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.08940		mg/Kg		89	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.09676		mg/Kg		97	70 - 130	2	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1997		mg/Kg		100	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09916		mg/Kg		99	70 - 130	2	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*12*	*S1-*	*70 - 130*

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

Lab Sample ID: MB 880-137374/1-A
Matrix: Solid
Analysis Batch: 137401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137374

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 08:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 08:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 15:53	04/10/26 08:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*126*		*70 - 130*	*04/09/26 15:53*	*04/10/26 08:25*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*04/09/26 15:53*	*04/10/26 08:25*	*1*

Lab Sample ID: LCS 880-137374/2-A
Matrix: Solid
Analysis Batch: 137401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137374

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	909.6		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	877.3		mg/Kg		88	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-137374/2-A
Matrix: Solid
Analysis Batch: 137401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137374

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	81		70 - 130
o-Terphenyl (Surr)	85		70 - 130

Lab Sample ID: LCSD 880-137374/3-A
Matrix: Solid
Analysis Batch: 137401

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137374

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	975.4		mg/Kg		98	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	952.9		mg/Kg		95	70 - 130	8	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	88		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Lab Sample ID: 880-70748-A-5-D MS
Matrix: Solid
Analysis Batch: 137401

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 137374

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	997	622.3	F1	mg/Kg		60	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	997	723.6		mg/Kg		73	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	97		70 - 130

Lab Sample ID: 880-70748-A-5-E MSD
Matrix: Solid
Analysis Batch: 137401

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 137374

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	997	636.7	F1	mg/Kg		62	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.1	U	997	741.6		mg/Kg		74	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	95		70 - 130
o-Terphenyl (Surr)	97		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-137388/1-A
Matrix: Solid
Analysis Batch: 137390

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/10/26 08:56	1

Lab Sample ID: LCS 880-137388/2-A
Matrix: Solid
Analysis Batch: 137390

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	242.3		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-137388/3-A
Matrix: Solid
Analysis Batch: 137390

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	239.9		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 890-9765-7 MS
Matrix: Solid
Analysis Batch: 137390

Client Sample ID: SW - 11 (2.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	265		250	503.2		mg/Kg		96	90 - 110		

Lab Sample ID: 890-9765-7 MSD
Matrix: Solid
Analysis Batch: 137390

Client Sample ID: SW - 11 (2.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	265		250	506.1		mg/Kg		97	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

GC VOA

Prep Batch: 137395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9765-1	SW - 5 (1.5' - 2.5')	Total/NA	Solid	5035	
890-9765-2	SW - 6 (2.5')	Total/NA	Solid	5035	
890-9765-3	SW - 7 (2.5')	Total/NA	Solid	5035	
890-9765-4	SW - 8 (2.5')	Total/NA	Solid	5035	
890-9765-5	SW - 9 (2.5')	Total/NA	Solid	5035	
890-9765-6	SW - 10 (2.5')	Total/NA	Solid	5035	
890-9765-7	SW - 11 (2.5')	Total/NA	Solid	5035	
890-9765-8	SW - 12 (2.5')	Total/NA	Solid	5035	
890-9765-9	SW - 13 (2.5')	Total/NA	Solid	5035	
890-9765-10	SW - 14 (2.5')	Total/NA	Solid	5035	
890-9765-11	SW - 15 (2.5')	Total/NA	Solid	5035	
MB 880-137395/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137395/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137395/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9765-1 MS	SW - 5 (1.5' - 2.5')	Total/NA	Solid	5035	
890-9765-1 MSD	SW - 5 (1.5' - 2.5')	Total/NA	Solid	5035	

Analysis Batch: 137407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9765-1	SW - 5 (1.5' - 2.5')	Total/NA	Solid	8021B	137395
890-9765-2	SW - 6 (2.5')	Total/NA	Solid	8021B	137395
890-9765-3	SW - 7 (2.5')	Total/NA	Solid	8021B	137395
890-9765-4	SW - 8 (2.5')	Total/NA	Solid	8021B	137395
890-9765-5	SW - 9 (2.5')	Total/NA	Solid	8021B	137395
890-9765-6	SW - 10 (2.5')	Total/NA	Solid	8021B	137395
890-9765-7	SW - 11 (2.5')	Total/NA	Solid	8021B	137395
890-9765-8	SW - 12 (2.5')	Total/NA	Solid	8021B	137395
890-9765-9	SW - 13 (2.5')	Total/NA	Solid	8021B	137395
890-9765-10	SW - 14 (2.5')	Total/NA	Solid	8021B	137395
890-9765-11	SW - 15 (2.5')	Total/NA	Solid	8021B	137395
MB 880-137395/5-A	Method Blank	Total/NA	Solid	8021B	137395
LCS 880-137395/1-A	Lab Control Sample	Total/NA	Solid	8021B	137395
LCSD 880-137395/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137395
890-9765-1 MS	SW - 5 (1.5' - 2.5')	Total/NA	Solid	8021B	137395
890-9765-1 MSD	SW - 5 (1.5' - 2.5')	Total/NA	Solid	8021B	137395

Analysis Batch: 137494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9765-1	SW - 5 (1.5' - 2.5')	Total/NA	Solid	Total BTEX	
890-9765-2	SW - 6 (2.5')	Total/NA	Solid	Total BTEX	
890-9765-3	SW - 7 (2.5')	Total/NA	Solid	Total BTEX	
890-9765-4	SW - 8 (2.5')	Total/NA	Solid	Total BTEX	
890-9765-5	SW - 9 (2.5')	Total/NA	Solid	Total BTEX	
890-9765-6	SW - 10 (2.5')	Total/NA	Solid	Total BTEX	
890-9765-7	SW - 11 (2.5')	Total/NA	Solid	Total BTEX	
890-9765-8	SW - 12 (2.5')	Total/NA	Solid	Total BTEX	
890-9765-9	SW - 13 (2.5')	Total/NA	Solid	Total BTEX	
890-9765-10	SW - 14 (2.5')	Total/NA	Solid	Total BTEX	
890-9765-11	SW - 15 (2.5')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

GC Semi VOA

Prep Batch: 137374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9765-1	SW - 5 (1.5' - 2.5')	Total/NA	Solid	8015NM Prep	
890-9765-2	SW - 6 (2.5')	Total/NA	Solid	8015NM Prep	
890-9765-3	SW - 7 (2.5')	Total/NA	Solid	8015NM Prep	
890-9765-4	SW - 8 (2.5')	Total/NA	Solid	8015NM Prep	
890-9765-5	SW - 9 (2.5')	Total/NA	Solid	8015NM Prep	
890-9765-6	SW - 10 (2.5')	Total/NA	Solid	8015NM Prep	
890-9765-7	SW - 11 (2.5')	Total/NA	Solid	8015NM Prep	
890-9765-8	SW - 12 (2.5')	Total/NA	Solid	8015NM Prep	
890-9765-9	SW - 13 (2.5')	Total/NA	Solid	8015NM Prep	
890-9765-10	SW - 14 (2.5')	Total/NA	Solid	8015NM Prep	
890-9765-11	SW - 15 (2.5')	Total/NA	Solid	8015NM Prep	
MB 880-137374/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137374/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137374/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-70748-A-5-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-70748-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 137401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9765-1	SW - 5 (1.5' - 2.5')	Total/NA	Solid	8015B NM	137374
890-9765-2	SW - 6 (2.5')	Total/NA	Solid	8015B NM	137374
890-9765-3	SW - 7 (2.5')	Total/NA	Solid	8015B NM	137374
890-9765-4	SW - 8 (2.5')	Total/NA	Solid	8015B NM	137374
890-9765-5	SW - 9 (2.5')	Total/NA	Solid	8015B NM	137374
890-9765-6	SW - 10 (2.5')	Total/NA	Solid	8015B NM	137374
890-9765-7	SW - 11 (2.5')	Total/NA	Solid	8015B NM	137374
890-9765-8	SW - 12 (2.5')	Total/NA	Solid	8015B NM	137374
890-9765-9	SW - 13 (2.5')	Total/NA	Solid	8015B NM	137374
890-9765-10	SW - 14 (2.5')	Total/NA	Solid	8015B NM	137374
890-9765-11	SW - 15 (2.5')	Total/NA	Solid	8015B NM	137374
MB 880-137374/1-A	Method Blank	Total/NA	Solid	8015B NM	137374
LCS 880-137374/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137374
LCSD 880-137374/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137374
880-70748-A-5-D MS	Matrix Spike	Total/NA	Solid	8015B NM	137374
880-70748-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	137374

Analysis Batch: 137480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9765-1	SW - 5 (1.5' - 2.5')	Total/NA	Solid	8015 NM	
890-9765-2	SW - 6 (2.5')	Total/NA	Solid	8015 NM	
890-9765-3	SW - 7 (2.5')	Total/NA	Solid	8015 NM	
890-9765-4	SW - 8 (2.5')	Total/NA	Solid	8015 NM	
890-9765-5	SW - 9 (2.5')	Total/NA	Solid	8015 NM	
890-9765-6	SW - 10 (2.5')	Total/NA	Solid	8015 NM	
890-9765-7	SW - 11 (2.5')	Total/NA	Solid	8015 NM	
890-9765-8	SW - 12 (2.5')	Total/NA	Solid	8015 NM	
890-9765-9	SW - 13 (2.5')	Total/NA	Solid	8015 NM	
890-9765-10	SW - 14 (2.5')	Total/NA	Solid	8015 NM	
890-9765-11	SW - 15 (2.5')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

HPLC/IC

Leach Batch: 137388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9765-1	SW - 5 (1.5' - 2.5')	Soluble	Solid	DI Leach	
890-9765-2	SW - 6 (2.5')	Soluble	Solid	DI Leach	
890-9765-3	SW - 7 (2.5')	Soluble	Solid	DI Leach	
890-9765-4	SW - 8 (2.5')	Soluble	Solid	DI Leach	
890-9765-5	SW - 9 (2.5')	Soluble	Solid	DI Leach	
890-9765-6	SW - 10 (2.5')	Soluble	Solid	DI Leach	
890-9765-7	SW - 11 (2.5')	Soluble	Solid	DI Leach	
890-9765-8	SW - 12 (2.5')	Soluble	Solid	DI Leach	
890-9765-9	SW - 13 (2.5')	Soluble	Solid	DI Leach	
890-9765-10	SW - 14 (2.5')	Soluble	Solid	DI Leach	
890-9765-11	SW - 15 (2.5')	Soluble	Solid	DI Leach	
MB 880-137388/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137388/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137388/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9765-7 MS	SW - 11 (2.5')	Soluble	Solid	DI Leach	
890-9765-7 MSD	SW - 11 (2.5')	Soluble	Solid	DI Leach	

Analysis Batch: 137390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9765-1	SW - 5 (1.5' - 2.5')	Soluble	Solid	300.0	137388
890-9765-2	SW - 6 (2.5')	Soluble	Solid	300.0	137388
890-9765-3	SW - 7 (2.5')	Soluble	Solid	300.0	137388
890-9765-4	SW - 8 (2.5')	Soluble	Solid	300.0	137388
890-9765-5	SW - 9 (2.5')	Soluble	Solid	300.0	137388
890-9765-6	SW - 10 (2.5')	Soluble	Solid	300.0	137388
890-9765-7	SW - 11 (2.5')	Soluble	Solid	300.0	137388
890-9765-8	SW - 12 (2.5')	Soluble	Solid	300.0	137388
890-9765-9	SW - 13 (2.5')	Soluble	Solid	300.0	137388
890-9765-10	SW - 14 (2.5')	Soluble	Solid	300.0	137388
890-9765-11	SW - 15 (2.5')	Soluble	Solid	300.0	137388
MB 880-137388/1-A	Method Blank	Soluble	Solid	300.0	137388
LCS 880-137388/2-A	Lab Control Sample	Soluble	Solid	300.0	137388
LCSD 880-137388/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137388
890-9765-7 MS	SW - 11 (2.5')	Soluble	Solid	300.0	137388
890-9765-7 MSD	SW - 11 (2.5')	Soluble	Solid	300.0	137388

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

Client Sample ID: SW - 5 (1.5' - 2.5')

Lab Sample ID: 890-9765-1
Matrix: Solid
Date Collected: 04/09/26 13:24
Date Received: 04/09/26 15:52

Prep 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	137395	04/10/26 09:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137407	04/10/26 13:00	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137494	04/10/26 13:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			137480	04/10/26 11:50	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	137374	04/09/26 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137401	04/10/26 11:50	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137388	04/10/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137390	04/10/26 09:43	CS	EET MID

Client Sample ID: SW - 6 (2.5')

Lab Sample ID: 890-9765-2
Matrix: Solid
Date Collected: 04/09/26 13:26
Date Received: 04/09/26 15:52

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	137395	04/10/26 09:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137407	04/10/26 13:20	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137494	04/10/26 13:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			137480	04/10/26 12:05	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137374	04/09/26 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137401	04/10/26 12:05	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	137388	04/10/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137390	04/10/26 09:59	CS	EET MID

Client Sample ID: SW - 7 (2.5')

Lab Sample ID: 890-9765-3
Matrix: Solid
Date Collected: 04/09/26 13:28
Date Received: 04/09/26 15:52

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	137395	04/10/26 09:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137407	04/10/26 13:41	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137494	04/10/26 13:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			137480	04/10/26 12:21	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	137374	04/09/26 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137401	04/10/26 12:21	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137388	04/10/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137390	04/10/26 10:04	CS	EET MID

Client Sample ID: SW - 8 (2.5')

Lab Sample ID: 890-9765-4
Matrix: Solid
Date Collected: 04/09/26 13:30
Date Received: 04/09/26 15:52

Prep 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	137395	04/10/26 09:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137407	04/10/26 14:01	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137494	04/10/26 14:01	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

Client Sample ID: SW - 8 (2.5')

Lab Sample ID: 890-9765-4
Matrix: Solid
Date Collected: 04/09/26 13:30
Date Received: 04/09/26 15:52

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			137480	04/10/26 12:36	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	137374	04/09/26 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137401	04/10/26 12:36	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137388	04/10/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137390	04/10/26 10:09	CS	EET MID

Client Sample ID: SW - 9 (2.5')

Lab Sample ID: 890-9765-5
Matrix: Solid
Date Collected: 04/09/26 13:32
Date Received: 04/09/26 15:52

Prep 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	137395	04/10/26 09:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137407	04/10/26 14:22	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137494	04/10/26 14:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			137480	04/10/26 12:51	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	137374	04/09/26 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137401	04/10/26 12:51	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	137388	04/10/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137390	04/10/26 10:15	CS	EET MID

Client Sample ID: SW - 10 (2.5')

Lab Sample ID: 890-9765-6
Matrix: Solid
Date Collected: 04/09/26 13:34
Date Received: 04/09/26 15:52

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	137395	04/10/26 09:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137407	04/10/26 14:42	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137494	04/10/26 14:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			137480	04/10/26 13:22	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137374	04/09/26 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137401	04/10/26 13:22	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137388	04/10/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137390	04/10/26 10:20	CS	EET MID

Client Sample ID: SW - 11 (2.5')

Lab Sample ID: 890-9765-7
Matrix: Solid
Date Collected: 04/09/26 13:36
Date Received: 04/09/26 15:52

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	137395	04/10/26 09:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137407	04/10/26 15:03	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137494	04/10/26 15:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			137480	04/10/26 13:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137374	04/09/26 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137401	04/10/26 13:37	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

Client Sample ID: SW - 11 (2.5')

Lab Sample ID: 890-9765-7
Date Collected: 04/09/26 13:36
Matrix: Solid
Date Received: 04/09/26 15:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	137388	04/10/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137390	04/10/26 10:25	CS	EET MID

Client Sample ID: SW - 12 (2.5')

Lab Sample ID: 890-9765-8
Date Collected: 04/09/26 13:38
Matrix: Solid
Date Received: 04/09/26 15:52

Prep 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	137395	04/10/26 09:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137407	04/10/26 15:23	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137494	04/10/26 15:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			137480	04/10/26 13:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137374	04/09/26 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137401	04/10/26 13:52	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137388	04/10/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137390	04/10/26 10:41	CS	EET MID

Client Sample ID: SW - 13 (2.5')

Lab Sample ID: 890-9765-9
Date Collected: 04/09/26 13:40
Matrix: Solid
Date Received: 04/09/26 15:52

Prep 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	137395	04/10/26 09:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137407	04/10/26 15:43	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137494	04/10/26 15:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			137480	04/10/26 14:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137374	04/09/26 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137401	04/10/26 14:07	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	137388	04/10/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137390	04/10/26 10:46	CS	EET MID

Client Sample ID: SW - 14 (2.5')

Lab Sample ID: 890-9765-10
Date Collected: 04/09/26 13:42
Matrix: Solid
Date Received: 04/09/26 15:52

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	137395	04/10/26 09:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137407	04/10/26 16:04	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137494	04/10/26 16:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			137480	04/10/26 14:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137374	04/09/26 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137401	04/10/26 14:22	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137388	04/10/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137390	04/10/26 11:02	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Job ID: 890-9765-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

Client Sample ID: SW - 15 (2.5')
Lab Sample ID: 890-9765-11
Date Collected: 04/09/26 13:44
Matrix: Solid
Date Received: 04/09/26 15:52

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	137395	04/10/26 09:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137407	04/10/26 17:38	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137494	04/10/26 17:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			137480	04/10/26 14:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137374	04/09/26 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137401	04/10/26 14:37	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137388	04/10/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137390	04/10/26 11:07	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Job ID: 890-9765-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Carmona Resources
Job ID: 890-9765-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9765-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9765-1	SW - 5 (1.5' - 2.5')	Solid	04/09/26 13:24	04/09/26 15:52	Texas
890-9765-2	SW - 6 (2.5')	Solid	04/09/26 13:26	04/09/26 15:52	Texas
890-9765-3	SW - 7 (2.5')	Solid	04/09/26 13:28	04/09/26 15:52	Texas
890-9765-4	SW - 8 (2.5')	Solid	04/09/26 13:30	04/09/26 15:52	Texas
890-9765-5	SW - 9 (2.5')	Solid	04/09/26 13:32	04/09/26 15:52	Texas
890-9765-6	SW - 10 (2.5')	Solid	04/09/26 13:34	04/09/26 15:52	Texas
890-9765-7	SW - 11 (2.5')	Solid	04/09/26 13:36	04/09/26 15:52	Texas
890-9765-8	SW - 12 (2.5')	Solid	04/09/26 13:38	04/09/26 15:52	Texas
890-9765-9	SW - 13 (2.5')	Solid	04/09/26 13:40	04/09/26 15:52	Texas
890-9765-10	SW - 14 (2.5')	Solid	04/09/26 13:42	04/09/26 15:52	Texas
890-9765-11	SW - 15 (2.5')	Solid	04/09/26 13:44	04/09/26 15:52	Texas

Released to Imaging: 5/6/2026 4:20:08 PM
Received by OCD: 4/22/2026 6:58:20 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79701
Phone:	432-813-6823	Email:	ThielkeA@carmonaresources.com & Laci.Luig@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Federal Com 4H (12.28.2025)	Turn Around	
Project Number:	3099	☐ Routine ☑ Rush	
Project Location	Eddy County, New Mexico	Due Date:	24 HR
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	Inno07
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	4.6
Total Containers:		Corrected Temperature:	4.4

890-9765 Chain of Custody

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-5 (1.5'-2.5')	4/9/2026	1:24 PM	X		Comp	1		X	X	X	
SW-6 (2.5')	4/9/2026	1:26 PM	X		Comp	1		X	X	X	
SW-7 (2.5')	4/9/2026	1:28 PM	X		Comp	1		X	X	X	
SW-8 (2.5')	4/9/2026	1:30 PM	X		Comp	1		X	X	X	
SW-9 (2.5')	4/9/2026	1:32 PM	X		Comp	1		X	X	X	
SW-10 (2.5')	4/9/2026	1:34 PM	X		Comp	1		X	X	X	
SW-11 (2.5')	4/9/2026	1:36 PM	X		Comp	1		X	X	X	
SW-12 (2.5')	4/9/2026	1:38 PM	X		Comp	1		X	X	X	
SW-13 (2.5')	4/9/2026	1:40 PM	X		Comp	1		X	X	X	
SW-14 (2.5')	4/9/2026	1:42 PM	X		Comp	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4-9 1552

Released to Imaging: 5/6/2026 4:20:08 PM
Received by OCD: 4/22/2026 6:58:20 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79701
Phone:	432-813-6823	Email:	ThielkeA@carmonaresources.com & Laci.Luig@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Federal Com 4H (12.28.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3099	Due Date:	24 HR
Project Location	Eddy County, New Mexico		
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	Inmaco
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	4.6
Total Containers:		Corrected Temperature:	4.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-15 (2.5')	4/9/2026	1:44 PM	X		Comp	1		X	X	X	

Parameters

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
		Burns	4-9 15:52

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6790.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9765-1
Address: 1211 W. Florida Ave,	Due Date Requested: 4/10/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701	PO #: N/A			
Phone: 432-704-5440(Tel)	WO #: N/A			
Email: N/A	Project #: 88001161			
Project Name: BONNIE 35 FEDERAL COM 4h (12.28.2025)	SSOW#: N/A			Other: N/A
Site: N/A				

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACH Chloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SW - 5 (1.5' - 2.5') (890-9765-1)	4/9/26	13:24 Central	G	Solid			X	X	X	X	X	1	
SW - 6 (2.5') (890-9765-2)	4/9/26	13:26 Central	G	Solid			X	X	X	X	X	1	
SW - 7 (2.5') (890-9765-3)	4/9/26	13:28 Central	G	Solid			X	X	X	X	X	1	
SW - 8 (2.5') (890-9765-4)	4/9/26	13:30 Central	G	Solid			X	X	X	X	X	1	
SW - 9 (2.5') (890-9765-5)	4/9/26	13:32 Central	G	Solid			X	X	X	X	X	1	
SW - 10 (2.5') (890-9765-6)	4/9/26	13:34 Central	G	Solid			X	X	X	X	X	1	
SW - 11 (2.5') (890-9765-7)	4/9/26	13:36 Central	G	Solid			X	X	X	X	X	1	
SW - 12 (2.5') (890-9765-8)	4/9/26	13:38 Central	G	Solid			X	X	X	X	X	1	
SW - 13 (2.5') (890-9765-9)	4/9/26	13:40 Central	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Burns	Date/Time: 4/9 1630	Company	Received by: Stel
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time: 4-10-26 800	Company
Date/Time:	Company
Date/Time:	Company

Cooler Temperature(s) °C

Received by OCD: 4/22/2026 6:58:20 AM

Released to Imaging: 5/6/2026 4:20:08 PM

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6790.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9765-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/10/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: BONNIE 35 FEDERAL COM 4h (12.28.2025)	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SW - 14 (2.5') (890-9765-10)	4/9/26	13:42 Central	G	Solid			X	X	X	X	X	1	
SW - 15 (2.5') (890-9765-11)	4/9/26	13:44 Central	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	4/9 1630		[signature]	4-10-26 900	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

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Received by OCD: 4/22/2026 6:58:20 AM
4/10/2026
Page 33 of 35
Released to Imaging: 5/6/2026 4:20:08 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9765-1
SDG Number: Eddy County New Mexico

Login Number: 9765
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9765-1
SDG Number: Eddy County New Mexico

Login Number: 9765
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/10/26 08:05 AM

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/13/2026 4:03:03 PM

JOB DESCRIPTION

Bonnie 35 Federal Com 4H (12.28.2025)
Eddy County New Mexico

JOB NUMBER

890-9767-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 5/6/2026 4:20:08 PM

my EOL

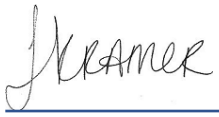
Eurofins Carlsbad

Job Notes

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

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

Authorization



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4/13/2026 4:03:03 PM

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

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Laboratory Job ID: 890-9767-1
SDG: Eddy County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources Job ID: 890-9767-1
Project: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1 Eurofins Carlsbad

Job Narrative
890-9767-1

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

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

Receipt
The samples were received on 4/10/2026 3:39 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: SW-16 (2.5) (890-9767-1), SW-17 (2.5) (890-9767-2), SW-18 (1.5-2.5) (890-9767-3), SW-19 (1.5-2.5) (890-9767-4), SW-20 (1.5) (890-9767-5), SW-21 (1.5) (890-9767-6), SW-22 (1.5) (890-9767-7), SW-23 (1.5) (890-9767-8) and SW-24 (1.5) (890-9767-9).

GC VOA
Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-137512 and analytical batch 880-137514 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-137514 recovered outside control limits for Benzene, Toluene, Ethylbenzene, 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:(CCV 880-137514/2).

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-16 (2.5) (890-9767-1), SW-17 (2.5) (890-9767-2), SW-18 (1.5-2.5) (890-9767-3), SW-19 (1.5-2.5) (890-9767-4), SW-20 (1.5) (890-9767-5), SW-21 (1.5) (890-9767-6), SW-22 (1.5) (890-9767-7), (LCS 880-137511/1-A), (LCSD 880-137511/2-A), (MB 880-137511/5-A), (890-9767-A-1-E MS) and (890-9767-A-1-F MSD). Evidence of matrix interferences is not obvious.

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: SW-17 (2.5) (890-9767-2). Evidence of matrix interferences is not obvious.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137478 and analytical batch 880-137519 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC
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: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

Client Sample ID: SW-16 (2.5)

Lab Sample ID: 890-9767-1
Matrix: Solid
Date Collected: 04/10/26 11:25
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:45	04/13/26 12:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:45	04/13/26 12:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:45	04/13/26 12:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/13/26 08:45	04/13/26 12:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:45	04/13/26 12:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/26 08:45	04/13/26 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*175*	*S1+*	*70 - 130*	*04/13/26 08:45*	*04/13/26 12:35*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/13/26 08:45*	*04/13/26 12:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/26 12:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/13/26 13:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/10/26 16:51	04/13/26 13:32	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/10/26 16:51	04/13/26 13:32	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/10/26 16:51	04/13/26 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/10/26 16:51*	*04/13/26 13:32*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/10/26 16:51*	*04/13/26 13:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80.3**		10.0		mg/Kg			04/13/26 10:31	1

Client Sample ID: SW-17 (2.5)

Lab Sample ID: 890-9767-2
Matrix: Solid
Date Collected: 04/10/26 11:25
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:45	04/13/26 12:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:45	04/13/26 12:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:45	04/13/26 12:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/13/26 08:45	04/13/26 12:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:45	04/13/26 12:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/26 08:45	04/13/26 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*177*	*S1+*	*70 - 130*	*04/13/26 08:45*	*04/13/26 12:56*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/13/26 08:45*	*04/13/26 12:56*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

Client Sample ID: SW-17 (2.5)

Date Collected: 04/10/26 11:25
Date Received: 04/10/26 15:39

Lab Sample ID: 890-9767-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/26 12:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/13/26 13:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/10/26 16:51	04/13/26 13:46	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/10/26 16:51	04/13/26 13:46	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/10/26 16:51	04/13/26 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*172*	*S1+*	*70 - 130*	*04/10/26 16:51*	*04/13/26 13:46*	*1*
o-Terphenyl (Surr)	*195*	*S1+*	*70 - 130*	*04/10/26 16:51*	*04/13/26 13:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**136**		10.1		mg/Kg			04/13/26 10:47	1

Client Sample ID: SW-18 (1.5-2.5)

Date Collected: 04/10/26 11:33
Date Received: 04/10/26 15:39

Lab Sample ID: 890-9767-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/13/26 08:45	04/13/26 13:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/13/26 08:45	04/13/26 13:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/13/26 08:45	04/13/26 13:16	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/13/26 08:45	04/13/26 13:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/13/26 08:45	04/13/26 13:16	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/13/26 08:45	04/13/26 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*167*	*S1+*	*70 - 130*	*04/13/26 08:45*	*04/13/26 13:16*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/13/26 08:45*	*04/13/26 13:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/13/26 13:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/13/26 14:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/26 16:51	04/13/26 14:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/26 16:51	04/13/26 14:00	1

Client Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

Client Sample ID: SW-18 (1.5-2.5)

Lab Sample ID: 890-9767-3
Matrix: Solid
Date Collected: 04/10/26 11:33
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/26 16:51	04/13/26 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*04/10/26 16:51*	*04/13/26 14:00*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/10/26 16:51*	*04/13/26 14:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.5**		9.92		mg/Kg			04/13/26 10:52	1

Client Sample ID: SW-19 (1.5-2.5)

Lab Sample ID: 890-9767-4
Matrix: Solid
Date Collected: 04/10/26 11:34
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:45	04/13/26 13:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:45	04/13/26 13:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:45	04/13/26 13:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/13/26 08:45	04/13/26 13:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:45	04/13/26 13:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/26 08:45	04/13/26 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*161*	*S1+*	*70 - 130*	*04/13/26 08:45*	*04/13/26 13:37*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/13/26 08:45*	*04/13/26 13:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/26 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/26 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/26 16:51	04/13/26 14:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/26 16:51	04/13/26 14:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/26 16:51	04/13/26 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*70*		*70 - 130*	*04/10/26 16:51*	*04/13/26 14:28*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*04/10/26 16:51*	*04/13/26 14:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.2**		9.98		mg/Kg			04/13/26 10:57	1

Client Sample Results

Client: Carmona Resources
Job ID: 890-9767-1
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)
SDG: Eddy County New Mexico

Client Sample ID: SW-20 (1.5)

Lab Sample ID: 890-9767-5
Date Collected: 04/10/26 13:38
Matrix: Solid
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/13/26 08:45	04/13/26 13:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/13/26 08:45	04/13/26 13:57	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/13/26 08:45	04/13/26 13:57	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/13/26 08:45	04/13/26 13:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/13/26 08:45	04/13/26 13:57	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/13/26 08:45	04/13/26 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*172*	*S1+*	*70 - 130*	*04/13/26 08:45*	*04/13/26 13:57*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/13/26 08:45*	*04/13/26 13:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/13/26 13:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/13/26 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/26 16:51	04/13/26 14:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/26 16:51	04/13/26 14:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/26 16:51	04/13/26 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*71*		*70 - 130*	*04/10/26 16:51*	*04/13/26 14:43*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*04/10/26 16:51*	*04/13/26 14:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**332**		9.92		mg/Kg			04/13/26 11:03	1

Client Sample ID: SW-21 (1.5)

Lab Sample ID: 890-9767-6
Date Collected: 04/10/26 13:39
Matrix: Solid
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:45	04/13/26 14:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:45	04/13/26 14:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:45	04/13/26 14:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/13/26 08:45	04/13/26 14:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:45	04/13/26 14:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/26 08:45	04/13/26 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*165*	*S1+*	*70 - 130*	*04/13/26 08:45*	*04/13/26 14:17*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/13/26 08:45*	*04/13/26 14:17*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

Client Sample ID: SW-21 (1.5)

Lab Sample ID: 890-9767-6
Matrix: Solid
Date Collected: 04/10/26 13:39
Date Received: 04/10/26 15:39

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/26 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/13/26 14:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/26 16:51	04/13/26 14:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/26 16:51	04/13/26 14:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/26 16:51	04/13/26 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/10/26 16:51*	*04/13/26 14:57*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*04/10/26 16:51*	*04/13/26 14:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**		9.94		mg/Kg			04/13/26 11:18	1

Client Sample ID: SW-22 (1.5)

Lab Sample ID: 890-9767-7
Matrix: Solid
Date Collected: 04/10/26 13:39
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:45	04/13/26 14:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:45	04/13/26 14:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:45	04/13/26 14:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/13/26 08:45	04/13/26 14:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:45	04/13/26 14:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/26 08:45	04/13/26 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*176*	*S1+*	*70 - 130*	*04/13/26 08:45*	*04/13/26 14:38*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/13/26 08:45*	*04/13/26 14:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/26 14:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/26 15:12	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		04/10/26 16:51	04/13/26 15:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/26 16:51	04/13/26 15:12	1

Client Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

Client Sample ID: SW-22 (1.5)

Lab Sample ID: 890-9767-7
Matrix: Solid
Date Collected: 04/10/26 13:39
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/26 16:51	04/13/26 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/10/26 16:51*	*04/13/26 15:12*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*04/10/26 16:51*	*04/13/26 15:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**273**		10.0		mg/Kg			04/13/26 11:24	1

Client Sample ID: SW-23 (1.5)

Lab Sample ID: 890-9767-8
Matrix: Solid
Date Collected: 04/10/26 13:41
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:53	04/13/26 12:15	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		04/13/26 08:53	04/13/26 12:15	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		04/13/26 08:53	04/13/26 12:15	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		04/13/26 08:53	04/13/26 12:15	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		04/13/26 08:53	04/13/26 12:15	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		04/13/26 08:53	04/13/26 12:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/13/26 08:53*	*04/13/26 12:15*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/13/26 08:53*	*04/13/26 12:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/26 12:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**283**		49.9		mg/Kg			04/13/26 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/26 16:51	04/13/26 15:26	1
Diesel Range Organics (Over C10-C28)	**283**		49.9		mg/Kg		04/10/26 16:51	04/13/26 15:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/26 16:51	04/13/26 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/10/26 16:51*	*04/13/26 15:26*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/10/26 16:51*	*04/13/26 15:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**171**		10.0		mg/Kg			04/13/26 11:29	1

Client Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

Client Sample ID: SW-24 (1.5)

Date Collected: 04/10/26 13:42
Date Received: 04/10/26 15:39

Lab Sample ID: 890-9767-9

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:53	04/13/26 12:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:53	04/13/26 12:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:53	04/13/26 12:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/13/26 08:53	04/13/26 12:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:53	04/13/26 12:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/26 08:53	04/13/26 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/13/26 08:53*	*04/13/26 12:35*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/13/26 08:53*	*04/13/26 12:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/26 12:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/26 15:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/26 16:51	04/13/26 15:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/26 16:51	04/13/26 15:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/26 16:51	04/13/26 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*04/10/26 16:51*	*04/13/26 15:40*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/10/26 16:51*	*04/13/26 15:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**127**		10.0		mg/Kg			04/13/26 11:34	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-9767-1	SW-16 (2.5)	175 S1+	84
890-9767-1 MS	SW-16 (2.5)	160 S1+	14 S1-
890-9767-1 MSD	SW-16 (2.5)	151 S1+	11 S1-
890-9767-2	SW-17 (2.5)	177 S1+	85
890-9767-3	SW-18 (1.5-2.5)	167 S1+	84
890-9767-4	SW-19 (1.5-2.5)	161 S1+	83
890-9767-5	SW-20 (1.5)	172 S1+	83
890-9767-6	SW-21 (1.5)	165 S1+	84
890-9767-7	SW-22 (1.5)	176 S1+	83
890-9767-8	SW-23 (1.5)	103	101
890-9767-8 MS	SW-23 (1.5)	107	99
890-9767-8 MSD	SW-23 (1.5)	105	98
890-9767-9	SW-24 (1.5)	101	99
LCS 880-137511/1-A	Lab Control Sample	155 S1+	11 S1-
LCS 880-137512/1-A	Lab Control Sample	109	98
LCSD 880-137511/2-A	Lab Control Sample Dup	156 S1+	14 S1-
LCSD 880-137512/2-A	Lab Control Sample Dup	102	98
MB 880-137511/5-A	Method Blank	156 S1+	60 S1-
MB 880-137512/5-A	Method Blank	97	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-70840-A-1-B MS	Matrix Spike	94	97
880-70840-A-1-C MSD	Matrix Spike Duplicate	94	99
890-9767-1	SW-16 (2.5)	88	102
890-9767-2	SW-17 (2.5)	172 S1+	195 S1+
890-9767-3	SW-18 (1.5-2.5)	83	96
890-9767-4	SW-19 (1.5-2.5)	70	81
890-9767-5	SW-20 (1.5)	71	83
890-9767-6	SW-21 (1.5)	108	123
890-9767-7	SW-22 (1.5)	93	106
890-9767-8	SW-23 (1.5)	77	94
890-9767-9	SW-24 (1.5)	84	95
LCS 880-137478/2-A	Lab Control Sample	97	102
LCSD 880-137478/3-A	Lab Control Sample Dup	97	102
MB 880-137478/1-A	Method Blank	75	84

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-137511/5-A
Matrix: Solid
Analysis Batch: 137515

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137511

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:45	04/13/26 12:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:45	04/13/26 12:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:45	04/13/26 12:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/13/26 08:45	04/13/26 12:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:45	04/13/26 12:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/13/26 08:45	04/13/26 12:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*156*	*S1+*	*70 - 130*	*04/13/26 08:45*	*04/13/26 12:14*	*1*
1,4-Difluorobenzene (Surr)	*60*	*S1-*	*70 - 130*	*04/13/26 08:45*	*04/13/26 12:14*	*1*

Lab Sample ID: LCS 880-137511/1-A
Matrix: Solid
Analysis Batch: 137515

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137511

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1167		mg/Kg		117	70 - 130
Toluene	0.100	0.1046		mg/Kg		105	70 - 130
Ethylbenzene	0.100	0.1136		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	0.200	0.2334		mg/Kg		117	70 - 130
o-Xylene	0.100	0.1167		mg/Kg		117	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*155*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*11*	*S1-*	*70 - 130*

Lab Sample ID: LCSD 880-137511/2-A
Matrix: Solid
Analysis Batch: 137515

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137511

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1126		mg/Kg		113	70 - 130	4	35
Toluene	0.100	0.1014		mg/Kg		101	70 - 130	3	35
Ethylbenzene	0.100	0.1109		mg/Kg		111	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2291		mg/Kg		115	70 - 130	2	35
o-Xylene	0.100	0.1156		mg/Kg		116	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*156*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*14*	*S1-*	*70 - 130*

Lab Sample ID: 890-9767-1 MS
Matrix: Solid
Analysis Batch: 137515

Client Sample ID: SW-16 (2.5)
Prep Type: Total/NA
Prep Batch: 137511

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1236		mg/Kg		124	70 - 130
Toluene	<0.00200	U	0.100	0.1105		mg/Kg		110	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9767-1 MS
Matrix: Solid
Analysis Batch: 137515

Client Sample ID: SW-16 (2.5)
Prep Type: Total/NA
Prep Batch: 137511

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.1187		mg/Kg		119	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2440		mg/Kg		122	70 - 130
o-Xylene	<0.00200	U	0.100	0.1240		mg/Kg		124	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*160*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*14*	*S1-*	*70 - 130*

Lab Sample ID: 890-9767-1 MSD
Matrix: Solid
Analysis Batch: 137515

Client Sample ID: SW-16 (2.5)
Prep Type: Total/NA
Prep Batch: 137511

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1193		mg/Kg		119	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.1072		mg/Kg		107	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.1152		mg/Kg		115	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2367		mg/Kg		118	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.1194		mg/Kg		119	70 - 130	4	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*11*	*S1-*	*70 - 130*

Lab Sample ID: MB 880-137512/5-A
Matrix: Solid
Analysis Batch: 137514

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137512

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:53	04/13/26 11:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:53	04/13/26 11:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:53	04/13/26 11:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/13/26 08:53	04/13/26 11:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:53	04/13/26 11:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/13/26 08:53	04/13/26 11:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/13/26 08:53*	*04/13/26 11:53*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/13/26 08:53*	*04/13/26 11:53*	*1*

Lab Sample ID: LCS 880-137512/1-A
Matrix: Solid
Analysis Batch: 137514

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137512

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07823		mg/Kg		78	70 - 130
Toluene	0.100	0.08281		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.08364		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	0.200	0.1748		mg/Kg		87	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-137512/1-A
Matrix: Solid
Analysis Batch: 137514

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137512

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.09018		mg/Kg		90	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 880-137512/2-A
Matrix: Solid
Analysis Batch: 137514

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137512

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08985		mg/Kg		90	70 - 130	14	35
Toluene			0.100	0.09130		mg/Kg		91	70 - 130	10	35
Ethylbenzene			0.100	0.09071		mg/Kg		91	70 - 130	8	35
m-Xylene & p-Xylene			0.200	0.1862		mg/Kg		93	70 - 130	6	35
o-Xylene			0.100	0.09342		mg/Kg		93	70 - 130	4	35

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

Lab Sample ID: 890-9767-8 MS
Matrix: Solid
Analysis Batch: 137514

Client Sample ID: SW-23 (1.5)
Prep Type: Total/NA
Prep Batch: 137512

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.07147		mg/Kg		71	70 - 130		
Toluene	<0.00200	U F1	0.100	0.06931	F1	mg/Kg		69	70 - 130		
Ethylbenzene	<0.00200	U F1	0.100	0.06467	F1	mg/Kg		65	70 - 130		
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1317	F1	mg/Kg		66	70 - 130		
o-Xylene	<0.00200	U F1	0.100	0.06751	F1	mg/Kg		68	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 890-9767-8 MSD
Matrix: Solid
Analysis Batch: 137514

Client Sample ID: SW-23 (1.5)
Prep Type: Total/NA
Prep Batch: 137512

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08164		mg/Kg		82	70 - 130	13	35
Toluene	<0.00200	U F1	0.100	0.08108		mg/Kg		81	70 - 130	16	35
Ethylbenzene	<0.00200	U F1	0.100	0.07945		mg/Kg		79	70 - 130	21	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1626		mg/Kg		81	70 - 130	21	35
o-Xylene	<0.00200	U F1	0.100	0.08471		mg/Kg		85	70 - 130	23	35

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9767-8 MSD
Matrix: Solid
Analysis Batch: 137514

Client Sample ID: SW-23 (1.5)
Prep Type: Total/NA
Prep Batch: 137512

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

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

Lab Sample ID: MB 880-137478/1-A
Matrix: Solid
Analysis Batch: 137519

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137478

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/26 16:51	04/13/26 09:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/26 16:51	04/13/26 09:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/26 16:51	04/13/26 09:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/10/26 16:51*	*04/13/26 09:23*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/10/26 16:51*	*04/13/26 09:23*	*1*

Lab Sample ID: LCS 880-137478/2-A
Matrix: Solid
Analysis Batch: 137519

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137478

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1051		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1272		mg/Kg		127	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	*97*		*70 - 130*
o-Terphenyl (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-137478/3-A
Matrix: Solid
Analysis Batch: 137519

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137478

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1069		mg/Kg		107	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1286		mg/Kg		129	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	*97*		*70 - 130*
o-Terphenyl (Surr)	*102*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-70840-A-1-B MS
Matrix: Solid
Analysis Batch: 137519

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 137478

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	1000	586.7	F1	mg/Kg		59	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	791.7		mg/Kg		79	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*94*		*70 - 130*
o-Terphenyl (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-70840-A-1-C MSD
Matrix: Solid
Analysis Batch: 137519

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 137478

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	1000	586.7	F1	mg/Kg		59	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	779.5		mg/Kg		78	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*94*		*70 - 130*
o-Terphenyl (Surr)	*99*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-137510/1-A
Matrix: Solid
Analysis Batch: 137516

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/13/26 10:15	1

Lab Sample ID: LCS 880-137510/2-A
Matrix: Solid
Analysis Batch: 137516

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.7		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-137510/3-A
Matrix: Solid
Analysis Batch: 137516

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	240.0		mg/Kg		96	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9767-1 MS
Matrix: Solid
Analysis Batch: 137516

Client Sample ID: SW-16 (2.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	80.3		251	325.5		mg/Kg		98	90 - 110		

Lab Sample ID: 890-9767-1 MSD
Matrix: Solid
Analysis Batch: 137516

Client Sample ID: SW-16 (2.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	80.3		251	323.8		mg/Kg		97	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

GC VOA

Prep Batch: 137511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9767-1	SW-16 (2.5)	Total/NA	Solid	5035	
890-9767-2	SW-17 (2.5)	Total/NA	Solid	5035	
890-9767-3	SW-18 (1.5-2.5)	Total/NA	Solid	5035	
890-9767-4	SW-19 (1.5-2.5)	Total/NA	Solid	5035	
890-9767-5	SW-20 (1.5)	Total/NA	Solid	5035	
890-9767-6	SW-21 (1.5)	Total/NA	Solid	5035	
890-9767-7	SW-22 (1.5)	Total/NA	Solid	5035	
MB 880-137511/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137511/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137511/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9767-1 MS	SW-16 (2.5)	Total/NA	Solid	5035	
890-9767-1 MSD	SW-16 (2.5)	Total/NA	Solid	5035	

Prep Batch: 137512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9767-8	SW-23 (1.5)	Total/NA	Solid	5035	
890-9767-9	SW-24 (1.5)	Total/NA	Solid	5035	
MB 880-137512/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137512/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137512/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9767-8 MS	SW-23 (1.5)	Total/NA	Solid	5035	
890-9767-8 MSD	SW-23 (1.5)	Total/NA	Solid	5035	

Analysis Batch: 137514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9767-8	SW-23 (1.5)	Total/NA	Solid	8021B	137512
890-9767-9	SW-24 (1.5)	Total/NA	Solid	8021B	137512
MB 880-137512/5-A	Method Blank	Total/NA	Solid	8021B	137512
LCS 880-137512/1-A	Lab Control Sample	Total/NA	Solid	8021B	137512
LCSD 880-137512/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137512
890-9767-8 MS	SW-23 (1.5)	Total/NA	Solid	8021B	137512
890-9767-8 MSD	SW-23 (1.5)	Total/NA	Solid	8021B	137512

Analysis Batch: 137515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9767-1	SW-16 (2.5)	Total/NA	Solid	8021B	137511
890-9767-2	SW-17 (2.5)	Total/NA	Solid	8021B	137511
890-9767-3	SW-18 (1.5-2.5)	Total/NA	Solid	8021B	137511
890-9767-4	SW-19 (1.5-2.5)	Total/NA	Solid	8021B	137511
890-9767-5	SW-20 (1.5)	Total/NA	Solid	8021B	137511
890-9767-6	SW-21 (1.5)	Total/NA	Solid	8021B	137511
890-9767-7	SW-22 (1.5)	Total/NA	Solid	8021B	137511
MB 880-137511/5-A	Method Blank	Total/NA	Solid	8021B	137511
LCS 880-137511/1-A	Lab Control Sample	Total/NA	Solid	8021B	137511
LCSD 880-137511/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137511
890-9767-1 MS	SW-16 (2.5)	Total/NA	Solid	8021B	137511
890-9767-1 MSD	SW-16 (2.5)	Total/NA	Solid	8021B	137511

Analysis Batch: 137613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9767-1	SW-16 (2.5)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

GC VOA (Continued)

Analysis Batch: 137613 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9767-2	SW-17 (2.5)	Total/NA	Solid	Total BTEX	
890-9767-3	SW-18 (1.5-2.5)	Total/NA	Solid	Total BTEX	
890-9767-4	SW-19 (1.5-2.5)	Total/NA	Solid	Total BTEX	
890-9767-5	SW-20 (1.5)	Total/NA	Solid	Total BTEX	
890-9767-6	SW-21 (1.5)	Total/NA	Solid	Total BTEX	
890-9767-7	SW-22 (1.5)	Total/NA	Solid	Total BTEX	
890-9767-8	SW-23 (1.5)	Total/NA	Solid	Total BTEX	
890-9767-9	SW-24 (1.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 137478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9767-1	SW-16 (2.5)	Total/NA	Solid	8015NM Prep	
890-9767-2	SW-17 (2.5)	Total/NA	Solid	8015NM Prep	
890-9767-3	SW-18 (1.5-2.5)	Total/NA	Solid	8015NM Prep	
890-9767-4	SW-19 (1.5-2.5)	Total/NA	Solid	8015NM Prep	
890-9767-5	SW-20 (1.5)	Total/NA	Solid	8015NM Prep	
890-9767-6	SW-21 (1.5)	Total/NA	Solid	8015NM Prep	
890-9767-7	SW-22 (1.5)	Total/NA	Solid	8015NM Prep	
890-9767-8	SW-23 (1.5)	Total/NA	Solid	8015NM Prep	
890-9767-9	SW-24 (1.5)	Total/NA	Solid	8015NM Prep	
MB 880-137478/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137478/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137478/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-70840-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-70840-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 137519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9767-1	SW-16 (2.5)	Total/NA	Solid	8015B NM	137478
890-9767-2	SW-17 (2.5)	Total/NA	Solid	8015B NM	137478
890-9767-3	SW-18 (1.5-2.5)	Total/NA	Solid	8015B NM	137478
890-9767-4	SW-19 (1.5-2.5)	Total/NA	Solid	8015B NM	137478
890-9767-5	SW-20 (1.5)	Total/NA	Solid	8015B NM	137478
890-9767-6	SW-21 (1.5)	Total/NA	Solid	8015B NM	137478
890-9767-7	SW-22 (1.5)	Total/NA	Solid	8015B NM	137478
890-9767-8	SW-23 (1.5)	Total/NA	Solid	8015B NM	137478
890-9767-9	SW-24 (1.5)	Total/NA	Solid	8015B NM	137478
MB 880-137478/1-A	Method Blank	Total/NA	Solid	8015B NM	137478
LCS 880-137478/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137478
LCSD 880-137478/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137478
880-70840-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	137478
880-70840-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	137478

Analysis Batch: 137617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9767-1	SW-16 (2.5)	Total/NA	Solid	8015 NM	
890-9767-2	SW-17 (2.5)	Total/NA	Solid	8015 NM	
890-9767-3	SW-18 (1.5-2.5)	Total/NA	Solid	8015 NM	
890-9767-4	SW-19 (1.5-2.5)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 137617 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9767-5	SW-20 (1.5)	Total/NA	Solid	8015 NM	
890-9767-6	SW-21 (1.5)	Total/NA	Solid	8015 NM	
890-9767-7	SW-22 (1.5)	Total/NA	Solid	8015 NM	
890-9767-8	SW-23 (1.5)	Total/NA	Solid	8015 NM	
890-9767-9	SW-24 (1.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 137510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9767-1	SW-16 (2.5)	Soluble	Solid	DI Leach	
890-9767-2	SW-17 (2.5)	Soluble	Solid	DI Leach	
890-9767-3	SW-18 (1.5-2.5)	Soluble	Solid	DI Leach	
890-9767-4	SW-19 (1.5-2.5)	Soluble	Solid	DI Leach	
890-9767-5	SW-20 (1.5)	Soluble	Solid	DI Leach	
890-9767-6	SW-21 (1.5)	Soluble	Solid	DI Leach	
890-9767-7	SW-22 (1.5)	Soluble	Solid	DI Leach	
890-9767-8	SW-23 (1.5)	Soluble	Solid	DI Leach	
890-9767-9	SW-24 (1.5)	Soluble	Solid	DI Leach	
MB 880-137510/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137510/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137510/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9767-1 MS	SW-16 (2.5)	Soluble	Solid	DI Leach	
890-9767-1 MSD	SW-16 (2.5)	Soluble	Solid	DI Leach	

Analysis Batch: 137516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9767-1	SW-16 (2.5)	Soluble	Solid	300.0	137510
890-9767-2	SW-17 (2.5)	Soluble	Solid	300.0	137510
890-9767-3	SW-18 (1.5-2.5)	Soluble	Solid	300.0	137510
890-9767-4	SW-19 (1.5-2.5)	Soluble	Solid	300.0	137510
890-9767-5	SW-20 (1.5)	Soluble	Solid	300.0	137510
890-9767-6	SW-21 (1.5)	Soluble	Solid	300.0	137510
890-9767-7	SW-22 (1.5)	Soluble	Solid	300.0	137510
890-9767-8	SW-23 (1.5)	Soluble	Solid	300.0	137510
890-9767-9	SW-24 (1.5)	Soluble	Solid	300.0	137510
MB 880-137510/1-A	Method Blank	Soluble	Solid	300.0	137510
LCS 880-137510/2-A	Lab Control Sample	Soluble	Solid	300.0	137510
LCSD 880-137510/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137510
890-9767-1 MS	SW-16 (2.5)	Soluble	Solid	300.0	137510
890-9767-1 MSD	SW-16 (2.5)	Soluble	Solid	300.0	137510

Lab Chronicle

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

Client Sample ID: SW-16 (2.5)

Lab Sample ID: 890-9767-1
Matrix: Solid
Date Collected: 04/10/26 11:25
Date Received: 04/10/26 15:39

Prep 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	137511	04/13/26 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137515	04/13/26 12:35	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137613	04/13/26 12:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			137617	04/13/26 13:32	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	137478	04/10/26 16:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137519	04/13/26 13:32	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 10:31	CS	EET MID

Client Sample ID: SW-17 (2.5)

Lab Sample ID: 890-9767-2
Matrix: Solid
Date Collected: 04/10/26 11:25
Date Received: 04/10/26 15:39

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	137511	04/13/26 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137515	04/13/26 12:56	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137613	04/13/26 12:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			137617	04/13/26 13:46	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	137478	04/10/26 16:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137519	04/13/26 13:46	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 10:47	CS	EET MID

Client Sample ID: SW-18 (1.5-2.5)

Lab Sample ID: 890-9767-3
Matrix: Solid
Date Collected: 04/10/26 11:33
Date Received: 04/10/26 15:39

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	137511	04/13/26 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137515	04/13/26 13:16	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137613	04/13/26 13:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			137617	04/13/26 14:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137478	04/10/26 16:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137519	04/13/26 14:00	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 10:52	CS	EET MID

Client Sample ID: SW-19 (1.5-2.5)

Lab Sample ID: 890-9767-4
Matrix: Solid
Date Collected: 04/10/26 11:34
Date Received: 04/10/26 15:39

Prep 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	137511	04/13/26 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137515	04/13/26 13:37	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137613	04/13/26 13:37	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

Client Sample ID: SW-19 (1.5-2.5)

Lab Sample ID: 890-9767-4
Matrix: Solid
Date Collected: 04/10/26 11:34
Date Received: 04/10/26 15:39

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			137617	04/13/26 14:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137478	04/10/26 16:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137519	04/13/26 14:28	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 10:57	CS	EET MID

Client Sample ID: SW-20 (1.5)

Lab Sample ID: 890-9767-5
Matrix: Solid
Date Collected: 04/10/26 13:38
Date Received: 04/10/26 15:39

Prep 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	137511	04/13/26 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137515	04/13/26 13:57	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137613	04/13/26 13:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			137617	04/13/26 14:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137478	04/10/26 16:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137519	04/13/26 14:43	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 11:03	CS	EET MID

Client Sample ID: SW-21 (1.5)

Lab Sample ID: 890-9767-6
Matrix: Solid
Date Collected: 04/10/26 13:39
Date Received: 04/10/26 15:39

Prep 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	137511	04/13/26 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137515	04/13/26 14:17	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137613	04/13/26 14:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			137617	04/13/26 14:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137478	04/10/26 16:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137519	04/13/26 14:57	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 11:18	CS	EET MID

Client Sample ID: SW-22 (1.5)

Lab Sample ID: 890-9767-7
Matrix: Solid
Date Collected: 04/10/26 13:39
Date Received: 04/10/26 15:39

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	137511	04/13/26 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137515	04/13/26 14:38	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137613	04/13/26 14:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			137617	04/13/26 15:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137478	04/10/26 16:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137519	04/13/26 15:12	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

Client Sample ID: SW-22 (1.5)

Date Collected: 04/10/26 13:39
Date Received: 04/10/26 15:39

Lab Sample ID: 890-9767-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 11:24	CS	EET MID

Client Sample ID: SW-23 (1.5)

Date Collected: 04/10/26 13:41
Date Received: 04/10/26 15:39

Lab Sample ID: 890-9767-8
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	137512	04/13/26 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137514	04/13/26 12:15	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137613	04/13/26 12:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			137617	04/13/26 15:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137478	04/10/26 16:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137519	04/13/26 15:26	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 11:29	CS	EET MID

Client Sample ID: SW-24 (1.5)

Date Collected: 04/10/26 13:42
Date Received: 04/10/26 15:39

Lab Sample ID: 890-9767-9
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	137512	04/13/26 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137514	04/13/26 12:35	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137613	04/13/26 12:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			137617	04/13/26 15:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137478	04/10/26 16:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137519	04/13/26 15:40	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 11:34	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Job ID: 890-9767-1
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)
SDG: Eddy County New Mexico

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Bonnie 35 Federal Com 4H (12.28.2025)

Job ID: 890-9767-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9767-1	SW-16 (2.5)	Solid	04/10/26 11:25	04/10/26 15:39	Texas
890-9767-2	SW-17 (2.5)	Solid	04/10/26 11:25	04/10/26 15:39	Texas
890-9767-3	SW-18 (1.5-2.5)	Solid	04/10/26 11:33	04/10/26 15:39	Texas
890-9767-4	SW-19 (1.5-2.5)	Solid	04/10/26 11:34	04/10/26 15:39	Texas
890-9767-5	SW-20 (1.5)	Solid	04/10/26 13:38	04/10/26 15:39	Texas
890-9767-6	SW-21 (1.5)	Solid	04/10/26 13:39	04/10/26 15:39	Texas
890-9767-7	SW-22 (1.5)	Solid	04/10/26 13:39	04/10/26 15:39	Texas
890-9767-8	SW-23 (1.5)	Solid	04/10/26 13:41	04/10/26 15:39	Texas
890-9767-9	SW-24 (1.5)	Solid	04/10/26 13:42	04/10/26 15:39	Texas

Released to Imaging: 5/6/2026 4:20:08 PM
Received by OCD: 4/22/2026 6:58:20 AM

Chain of Custody

V

890-9767 Chain of Custody

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79701
Phone:	432-813-6823	Email:	ThielkeA@carmonaresources.com & Laci.Luig@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Federal Com 4H (12.28.2025)	Turn Around	
Project Number:	3099	☐ Routine	☑ Rush
Project Location	Eddy County, New Mexico	Due Date:	24 HR
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:		Inm00	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:		5.4	
Total Containers:		Corrected Temperature:		5.2	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-16 (2.5')	4/10/2026	11:25 AM	X		Comp	1		X	X	X	
SW-17 (2.5')	4/10/2026	11:25 AM	X		Comp	1		X	X	X	
SW-18 (1.5'-2.5')	4/10/2026	11:33 AM	X		Comp	1		X	X	X	
SW-19 (1.5'-2.5')	4/10/2026	11:34 AM	X		Comp	1		X	X	X	
SW-20 (1.5')	4/10/2026	1:38 PM	X		Comp	1		X	X	X	
SW-21 (1.5')	4/10/2026	1:39 PM	X		Comp	1		X	X	X	
SW-22 (1.5')	4/10/2026	1:39 PM	X		Comp	1		X	X	X	
SW-23 (1.5')	4/10/2026	1:41 PM	X		Comp	1		X	X	X	
SW-24 (1.5')	4/10/2026	1:42 PM	X		Comp	1		X	X	X	

Parameters

ANALYSIS REQUEST

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4/10 1539

4/13/2026

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6792.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9767-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/13/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Bonnie 35 Federal Com 4H (12.28.2025)	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SW-16 (2.5) (890-9767-1)	4/10/26	11:25 Central	G	Solid			X	X	X	X	X	1	
SW-17 (2.5) (890-9767-2)	4/10/26	11:25 Central	G	Solid			X	X	X	X	X	1	
SW-18 (1.5-2.5) (890-9767-3)	4/10/26	11:33 Central	G	Solid			X	X	X	X	X	1	
SW-19 (1.5-2.5) (890-9767-4)	4/10/26	11:34 Central	G	Solid			X	X	X	X	X	1	
SW-20 (1.5) (890-9767-5)	4/10/26	13:38 Central	G	Solid			X	X	X	X	X	1	
SW-21 (1.5) (890-9767-6)	4/10/26	13:39 Central	G	Solid			X	X	X	X	X	1	
SW-22 (1.5) (890-9767-7)	4/10/26	13:39 Central	G	Solid			X	X	X	X	X	1	
SW-23 (1.5) (890-9767-8)	4/10/26	13:41 Central	G	Solid			X	X	X	X	X	1	
SW-24 (1.5) (890-9767-9)	4/10/26	13:42 Central	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	4/10 1630			4-13-26 800	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Received by OCD: 4/22/2026 6:58:20 AM

Released to Imaging: 5/6/2026 4:20:08 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9767-1
SDG Number: Eddy County New Mexico

Login Number: 9767
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9767-1
SDG Number: Eddy County New Mexico

Login Number: 9767
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/13/26 08:04 AM

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/13/2026 4:23:09 PM

JOB DESCRIPTION

BONNIE 35 FEDERAL COM 4H (12.28.2025)
Eddy County New Mexico

JOB NUMBER

890-9768-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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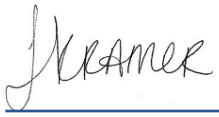
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
4/13/2026 4:23:09 PM

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

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Laboratory Job ID: 890-9768-1
SDG: Eddy County New Mexico

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Definitions/Glossary

Client: Carmona Resources Job ID: 890-9768-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025) SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources Job ID: 890-9768-1
Project: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1 **Eurofins Carlsbad**

Job Narrative
890-9768-1

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

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

Receipt
The samples were received on 4/10/2026 3:39 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS - 15 (2.5') (890-9768-1), CS - 16 (2.5') (890-9768-2), CS - 17 (2.5') (890-9768-3), CS - 18 (2.5') (890-9768-4), CS - 19 (2.5') (890-9768-5), CS - 20 (2.5') (890-9768-6), CS - 21 (2.5') (890-9768-7), CS - 22 (2.5') (890-9768-8), CS - 23 (2.5') (890-9768-9), CS - 24 (2.5') (890-9768-10), CS - 25 (1.5') (890-9768-11), CS - 26 (1.5') (890-9768-12), CS - 27 (1.5') (890-9768-13), CS - 28 (1.5') (890-9768-14), CS - 29 (1.5') (890-9768-15), CS - 30 (1.5') (890-9768-16) and CS - 31 (1.5') (890-9768-17).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: CS - 15 (2.5') (890-9768-1), CS - 16 (2.5') (890-9768-2), CS - 17 (2.5') (890-9768-3), CS - 18 (2.5') (890-9768-4), CS - 19 (2.5') (890-9768-5), CS - 20 (2.5') (890-9768-6), CS - 21 (2.5') (890-9768-7), CS - 22 (2.5') (890-9768-8), CS - 23 (2.5') (890-9768-9), CS - 24 (2.5') (890-9768-10), CS - 25 (1.5') (890-9768-11), CS - 26 (1.5') (890-9768-12), CS - 27 (1.5') (890-9768-13), CS - 28 (1.5') (890-9768-14), CS - 29 (1.5') (890-9768-15), CS - 30 (1.5') (890-9768-16), CS - 31 (1.5') (890-9768-17), (LCS 880-137508/1-A), (LCSD 880-137508/2-A), (890-9768-A-1-B MS) and (890-9768-A-1-C MSD). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-137508 and analytical batch 880-137501 was outside the upper control limits.

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-137483/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS - 22 (2.5') (890-9768-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137478 and analytical batch 880-137519 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 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137483 and analytical batch 880-137517 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

Case Narrative

Client: Carmona Resources Job ID: 890-9768-1
Project: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1 (Continued) Eurofins Carlsbad

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137506 and analytical batch 880-137509 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 15 (2.5')

Lab Sample ID: 890-9768-1
Matrix: Solid
Date Collected: 04/10/26 11:10
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:20	04/12/26 22:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:20	04/12/26 22:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:20	04/12/26 22:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/13/26 08:20	04/12/26 22:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:20	04/12/26 22:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/26 08:20	04/12/26 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*167*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/12/26 22:47*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/13/26 08:20*	*04/12/26 22:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/12/26 22:47	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			04/13/26 15:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/26 16:51	04/13/26 15:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/26 16:51	04/13/26 15:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/26 16:51	04/13/26 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/10/26 16:51*	*04/13/26 15:54*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/10/26 16:51*	*04/13/26 15:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80.0**		10.1		mg/Kg			04/13/26 11:39	1

Client Sample ID: CS - 16 (2.5')

Lab Sample ID: 890-9768-2
Matrix: Solid
Date Collected: 04/10/26 11:10
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:20	04/12/26 23:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:20	04/12/26 23:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:20	04/12/26 23:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/13/26 08:20	04/12/26 23:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:20	04/12/26 23:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/26 08:20	04/12/26 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*154*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/12/26 23:07*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/13/26 08:20*	*04/12/26 23:07*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 16 (2.5')

Lab Sample ID: 890-9768-2
Matrix: Solid
Date Collected: 04/10/26 11:10
Date Received: 04/10/26 15:39

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/12/26 23:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/13/26 16:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/26 16:51	04/13/26 16:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/26 16:51	04/13/26 16:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/26 16:51	04/13/26 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*04/10/26 16:51*	*04/13/26 16:08*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/10/26 16:51*	*04/13/26 16:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86.4**		10.1		mg/Kg			04/13/26 11:44	1

Client Sample ID: CS - 17 (2.5')

Lab Sample ID: 890-9768-3
Matrix: Solid
Date Collected: 04/10/26 11:11
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/13/26 08:20	04/12/26 23:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/13/26 08:20	04/12/26 23:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/13/26 08:20	04/12/26 23:28	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/13/26 08:20	04/12/26 23:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/13/26 08:20	04/12/26 23:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/13/26 08:20	04/12/26 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*162*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/12/26 23:28*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/13/26 08:20*	*04/12/26 23:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/12/26 23:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**103**		50.0		mg/Kg			04/13/26 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/26 16:51	04/13/26 16:22	1
Diesel Range Organics (Over C10-C28)	**103**		50.0		mg/Kg		04/10/26 16:51	04/13/26 16:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 17 (2.5')

Lab Sample ID: 890-9768-3
Matrix: Solid
Date Collected: 04/10/26 11:11
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/26 16:51	04/13/26 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*04/10/26 16:51*	*04/13/26 16:22*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/10/26 16:51*	*04/13/26 16:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**257**		10.0		mg/Kg			04/13/26 12:00	1

Client Sample ID: CS - 18 (2.5')

Lab Sample ID: 890-9768-4
Matrix: Solid
Date Collected: 04/10/26 11:12
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/12/26 23:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/12/26 23:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/12/26 23:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/13/26 08:20	04/12/26 23:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/12/26 23:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/26 08:20	04/12/26 23:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*169*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/12/26 23:48*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/13/26 08:20*	*04/12/26 23:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/26 23:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/13/26 16:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/26 16:51	04/13/26 16:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/26 16:51	04/13/26 16:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/26 16:51	04/13/26 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*04/10/26 16:51*	*04/13/26 16:35*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/10/26 16:51*	*04/13/26 16:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67.3**		9.92		mg/Kg			04/13/26 12:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 19 (2.5')

Lab Sample ID: 890-9768-5
Matrix: Solid
Date Collected: 04/10/26 11:12
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/13/26 08:20	04/13/26 00:09	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/13/26 08:20	04/13/26 00:09	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/13/26 08:20	04/13/26 00:09	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/13/26 08:20	04/13/26 00:09	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/13/26 08:20	04/13/26 00:09	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/13/26 08:20	04/13/26 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*163*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/13/26 00:09*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/13/26 08:20*	*04/13/26 00:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/13/26 00:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/26 12:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/26 16:59	04/13/26 12:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/26 16:59	04/13/26 12:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/26 16:59	04/13/26 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/10/26 16:59*	*04/13/26 12:49*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*04/10/26 16:59*	*04/13/26 12:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78.6**		9.98		mg/Kg			04/13/26 12:21	1

Client Sample ID: CS - 20 (2.5')

Lab Sample ID: 890-9768-6
Matrix: Solid
Date Collected: 04/10/26 11:13
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:20	04/13/26 00:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:20	04/13/26 00:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:20	04/13/26 00:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/13/26 08:20	04/13/26 00:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:20	04/13/26 00:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/26 08:20	04/13/26 00:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*169*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/13/26 00:29*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/13/26 08:20*	*04/13/26 00:29*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 20 (2.5')

Lab Sample ID: 890-9768-6
Matrix: Solid
Date Collected: 04/10/26 11:13
Date Received: 04/10/26 15:39

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/26 00:29	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			04/13/26 13:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/26 16:59	04/13/26 13:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/26 16:59	04/13/26 13:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/26 16:59	04/13/26 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/10/26 16:59*	*04/13/26 13:03*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/10/26 16:59*	*04/13/26 13:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**111**		9.92		mg/Kg			04/13/26 12:26	1

Client Sample ID: CS - 21 (2.5')

Lab Sample ID: 890-9768-7
Matrix: Solid
Date Collected: 04/10/26 11:21
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:20	04/13/26 00:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:20	04/13/26 00:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:20	04/13/26 00:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/13/26 08:20	04/13/26 00:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:20	04/13/26 00:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/26 08:20	04/13/26 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/13/26 00:50*	*1*
1,4-Difluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*04/13/26 08:20*	*04/13/26 00:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/26 00:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**119**		49.8		mg/Kg			04/13/26 13:18	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		04/10/26 16:59	04/13/26 13:18	1
Diesel Range Organics (Over C10-C28)	**119**		49.8		mg/Kg		04/10/26 16:59	04/13/26 13:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 21 (2.5')

Lab Sample ID: 890-9768-7
Matrix: Solid
Date Collected: 04/10/26 11:21
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/26 16:59	04/13/26 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/10/26 16:59*	*04/13/26 13:18*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*04/10/26 16:59*	*04/13/26 13:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**338**		10.0		mg/Kg			04/13/26 12:31	1

Client Sample ID: CS - 22 (2.5')

Lab Sample ID: 890-9768-8
Matrix: Solid
Date Collected: 04/10/26 11:21
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/13/26 08:20	04/13/26 01:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/13/26 08:20	04/13/26 01:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/13/26 08:20	04/13/26 01:10	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/13/26 08:20	04/13/26 01:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/13/26 08:20	04/13/26 01:10	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/13/26 08:20	04/13/26 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*157*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/13/26 01:10*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/13/26 08:20*	*04/13/26 01:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/13/26 01:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**214**		49.9		mg/Kg			04/13/26 13:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/26 16:59	04/13/26 13:32	1
Diesel Range Organics (Over C10-C28)	**214**		49.9		mg/Kg		04/10/26 16:59	04/13/26 13:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/26 16:59	04/13/26 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*181*	*S1+*	*70 - 130*	*04/10/26 16:59*	*04/13/26 13:32*	*1*
o-Terphenyl (Surr)	*202*	*S1+*	*70 - 130*	*04/10/26 16:59*	*04/13/26 13:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**145**		9.94		mg/Kg			04/13/26 12:37	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 23 (2.5')

Lab Sample ID: 890-9768-9
Matrix: Solid
Date Collected: 04/10/26 11:23
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/13/26 01:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/13/26 01:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/13/26 01:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/13/26 08:20	04/13/26 01:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/13/26 01:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/26 08:20	04/13/26 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*159*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/13/26 01:30*	*1*
1,4-Difluorobenzene (Surr)	*64*	*S1-*	*70 - 130*	*04/13/26 08:20*	*04/13/26 01:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/26 01:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**150**		49.9		mg/Kg			04/13/26 13:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/26 16:59	04/13/26 13:46	1
Diesel Range Organics (Over C10-C28)	**150**		49.9		mg/Kg		04/10/26 16:59	04/13/26 13:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/26 16:59	04/13/26 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/10/26 16:59*	*04/13/26 13:46*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/10/26 16:59*	*04/13/26 13:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**387**		9.96		mg/Kg			04/13/26 12:42	1

Client Sample ID: CS - 24 (2.5')

Lab Sample ID: 890-9768-10
Matrix: Solid
Date Collected: 04/10/26 11:24
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/13/26 01:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/13/26 01:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/13/26 01:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/13/26 08:20	04/13/26 01:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/13/26 01:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/26 08:20	04/13/26 01:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*161*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/13/26 01:51*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/13/26 08:20*	*04/13/26 01:51*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 24 (2.5')

Lab Sample ID: 890-9768-10
Matrix: Solid
Date Collected: 04/10/26 11:24
Date Received: 04/10/26 15:39

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/26 01:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/26 14:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/26 16:59	04/13/26 14:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/26 16:59	04/13/26 14:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/26 16:59	04/13/26 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/10/26 16:59*	*04/13/26 14:00*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*04/10/26 16:59*	*04/13/26 14:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.2**		9.98		mg/Kg			04/13/26 12:47	1

Client Sample ID: CS - 25 (1.5')

Lab Sample ID: 890-9768-11
Matrix: Solid
Date Collected: 04/10/26 13:21
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/13/26 08:20	04/13/26 03:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/13/26 08:20	04/13/26 03:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/13/26 08:20	04/13/26 03:24	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/13/26 08:20	04/13/26 03:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/13/26 08:20	04/13/26 03:24	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/13/26 08:20	04/13/26 03:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*173*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/13/26 03:24*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/13/26 08:20*	*04/13/26 03:24*	*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			04/13/26 03:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/26 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/26 16:59	04/13/26 14:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/26 16:59	04/13/26 14:28	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 25 (1.5')

Lab Sample ID: 890-9768-11
Matrix: Solid
Date Collected: 04/10/26 13:21
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/26 16:59	04/13/26 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/10/26 16:59*	*04/13/26 14:28*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/10/26 16:59*	*04/13/26 14:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			04/13/26 12:52	1

Client Sample ID: CS - 26 (1.5')

Lab Sample ID: 890-9768-12
Matrix: Solid
Date Collected: 04/10/26 13:22
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:20	04/13/26 03:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:20	04/13/26 03:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:20	04/13/26 03:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/13/26 08:20	04/13/26 03:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:20	04/13/26 03:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/26 08:20	04/13/26 03:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*168*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/13/26 03:45*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/13/26 08:20*	*04/13/26 03:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/26 03:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/13/26 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/26 16:59	04/13/26 14:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/26 16:59	04/13/26 14:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/26 16:59	04/13/26 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/10/26 16:59*	*04/13/26 14:43*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*04/10/26 16:59*	*04/13/26 14:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**46.5**		9.96		mg/Kg			04/13/26 09:50	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 27 (1.5')

Lab Sample ID: 890-9768-13
Matrix: Solid
Date Collected: 04/10/26 13:24
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/13/26 08:20	04/13/26 04:05	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/13/26 08:20	04/13/26 04:05	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/13/26 08:20	04/13/26 04:05	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/13/26 08:20	04/13/26 04:05	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/13/26 08:20	04/13/26 04:05	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/13/26 08:20	04/13/26 04:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*171*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/13/26 04:05*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/13/26 08:20*	*04/13/26 04:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/13/26 04:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/13/26 14:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/26 16:59	04/13/26 14:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/26 16:59	04/13/26 14:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/26 16:59	04/13/26 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*04/10/26 16:59*	*04/13/26 14:57*	*1*
o-Terphenyl (Surr)	*127*		*70 - 130*	*04/10/26 16:59*	*04/13/26 14:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.0**		10.0		mg/Kg			04/13/26 09:55	1

Client Sample ID: CS - 28 (1.5')

Lab Sample ID: 890-9768-14
Matrix: Solid
Date Collected: 04/10/26 13:24
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/13/26 04:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/13/26 04:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/13/26 04:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/13/26 08:20	04/13/26 04:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/13/26 04:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/26 08:20	04/13/26 04:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*159*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/13/26 04:26*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/13/26 08:20*	*04/13/26 04:26*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 28 (1.5')

Lab Sample ID: 890-9768-14
Matrix: Solid
Date Collected: 04/10/26 13:24
Date Received: 04/10/26 15:39

Method: TAL SOP Total BTEX - Total BTEX Calculation

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/13/26 15:12	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	<50.1	U	50.1		mg/Kg		04/10/26 16:59	04/13/26 15:12	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/10/26 16:59	04/13/26 15:12	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/10/26 16:59	04/13/26 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/10/26 16:59*	*04/13/26 15:12*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/10/26 16:59*	*04/13/26 15:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**173**	**F1**	10.1		mg/Kg			04/13/26 10:00	1

Client Sample ID: CS - 29 (1.5')

Lab Sample ID: 890-9768-15
Matrix: Solid
Date Collected: 04/10/26 13:26
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/13/26 04:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/13/26 04:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/13/26 04:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/13/26 08:20	04/13/26 04:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/13/26 08:20	04/13/26 04:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/13/26 08:20	04/13/26 04:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*157*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/13/26 04:46*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/13/26 08:20*	*04/13/26 04:46*	*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			04/13/26 04:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**220**		50.1		mg/Kg			04/13/26 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/10/26 16:59	04/13/26 15:26	1
Diesel Range Organics (Over C10-C28)	**220**		50.1		mg/Kg		04/10/26 16:59	04/13/26 15:26	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 29 (1.5')

Lab Sample ID: 890-9768-15
Matrix: Solid
Date Collected: 04/10/26 13:26
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/10/26 16:59	04/13/26 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/10/26 16:59*	*04/13/26 15:26*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*04/10/26 16:59*	*04/13/26 15:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**161**		10.0		mg/Kg			04/13/26 10:16	1

Client Sample ID: CS - 30 (1.5')

Lab Sample ID: 890-9768-16
Matrix: Solid
Date Collected: 04/10/26 13:26
Date Received: 04/10/26 15:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:20	04/13/26 05:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:20	04/13/26 05:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:20	04/13/26 05:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/13/26 08:20	04/13/26 05:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:20	04/13/26 05:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/13/26 08:20	04/13/26 05:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*165*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/13/26 05:06*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/13/26 08:20*	*04/13/26 05:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/26 05:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/13/26 15:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/10/26 16:59	04/13/26 15:40	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/10/26 16:59	04/13/26 15:40	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/10/26 16:59	04/13/26 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/10/26 16:59*	*04/13/26 15:40*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/10/26 16:59*	*04/13/26 15:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.5**		9.90		mg/Kg			04/13/26 10:21	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 31 (1.5')

Date Collected: 04/10/26 13:37
Date Received: 04/10/26 15:39

Lab Sample ID: 890-9768-17

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:20	04/13/26 05:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:20	04/13/26 05:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:20	04/13/26 05:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/13/26 08:20	04/13/26 05:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/13/26 08:20	04/13/26 05:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/13/26 08:20	04/13/26 05:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*163*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/13/26 05:27*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/13/26 08:20*	*04/13/26 05:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/26 05:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/13/26 15:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/26 16:59	04/13/26 15:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/26 16:59	04/13/26 15:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/26 16:59	04/13/26 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/10/26 16:59*	*04/13/26 15:54*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/10/26 16:59*	*04/13/26 15:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			04/13/26 10:37	1

Surrogate Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-9768-1	CS - 15 (2.5')	167 S1+	85
890-9768-1 MS	CS - 15 (2.5')	143 S1+	64 S1-
890-9768-1 MSD	CS - 15 (2.5')	144 S1+	11 S1-
890-9768-2	CS - 16 (2.5')	154 S1+	85
890-9768-3	CS - 17 (2.5')	162 S1+	84
890-9768-4	CS - 18 (2.5')	169 S1+	86
890-9768-5	CS - 19 (2.5')	163 S1+	86
890-9768-6	CS - 20 (2.5')	169 S1+	85
890-9768-7	CS - 21 (2.5')	151 S1+	66 S1-
890-9768-8	CS - 22 (2.5')	157 S1+	85
890-9768-9	CS - 23 (2.5')	159 S1+	64 S1-
890-9768-10	CS - 24 (2.5')	161 S1+	85
890-9768-11	CS - 25 (1.5')	173 S1+	84
890-9768-12	CS - 26 (1.5')	168 S1+	85
890-9768-13	CS - 27 (1.5')	171 S1+	85
890-9768-14	CS - 28 (1.5')	159 S1+	84
890-9768-15	CS - 29 (1.5')	157 S1+	84
890-9768-16	CS - 30 (1.5')	165 S1+	85
890-9768-17	CS - 31 (1.5')	163 S1+	84
LCS 880-137508/1-A	Lab Control Sample	149 S1+	12 S1-
LCSD 880-137508/2-A	Lab Control Sample Dup	147 S1+	12 S1-
MB 880-137508/5-A	Method Blank	152 S1+	79

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-70840-A-1-B MS	Matrix Spike	94	97
880-70840-A-1-C MSD	Matrix Spike Duplicate	94	99
880-70846-A-1-C MS	Matrix Spike	99	100
880-70846-A-1-D MSD	Matrix Spike Duplicate	99	102
890-9768-1	CS - 15 (2.5')	78	88
890-9768-2	CS - 16 (2.5')	84	96
890-9768-3	CS - 17 (2.5')	79	91
890-9768-4	CS - 18 (2.5')	84	95
890-9768-5	CS - 19 (2.5')	90	101
890-9768-6	CS - 20 (2.5')	90	99
890-9768-7	CS - 21 (2.5')	94	107
890-9768-8	CS - 22 (2.5')	181 S1+	202 S1+
890-9768-9	CS - 23 (2.5')	98	111
890-9768-10	CS - 24 (2.5')	90	98
890-9768-11	CS - 25 (1.5')	89	88
890-9768-12	CS - 26 (1.5')	106	118
890-9768-13	CS - 27 (1.5')	115	127

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Summary

Client: Carmona Resources Job ID: 890-9768-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025) SDG: Eddy County New Mexico

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
890-9768-14	CS - 28 (1.5')	99	104								
890-9768-15	CS - 29 (1.5')	104	118								
890-9768-16	CS - 30 (1.5')	95	103								
890-9768-17	CS - 31 (1.5')	93	94								
LCS 880-137478/2-A	Lab Control Sample	97	102								
LCS 880-137483/2-A	Lab Control Sample	78	78								
LCSD 880-137478/3-A	Lab Control Sample Dup	97	102								
LCSD 880-137483/3-A	Lab Control Sample Dup	78	79								
MB 880-137478/1-A	Method Blank	75	84								
MB 880-137483/1-A	Method Blank	53 S1-	55 S1-								

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-137508/5-A
Matrix: Solid
Analysis Batch: 137501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137508

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:20	04/12/26 22:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:20	04/12/26 22:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:20	04/12/26 22:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/13/26 08:20	04/12/26 22:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:20	04/12/26 22:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/13/26 08:20	04/12/26 22:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*	*04/13/26 08:20*	*04/12/26 22:25*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/13/26 08:20*	*04/12/26 22:25*	*1*

Lab Sample ID: LCS 880-137508/1-A
Matrix: Solid
Analysis Batch: 137501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137508

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1180		mg/Kg		118	70 - 130		
Toluene			0.100	0.1066		mg/Kg		107	70 - 130		
Ethylbenzene			0.100	0.1159		mg/Kg		116	70 - 130		
m-Xylene & p-Xylene			0.200	0.2413		mg/Kg		121	70 - 130		
o-Xylene			0.100	0.1205		mg/Kg		120	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*12*	*S1-*	*70 - 130*

Lab Sample ID: LCSD 880-137508/2-A
Matrix: Solid
Analysis Batch: 137501

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137508

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1220		mg/Kg		122	70 - 130	3	35
Toluene			0.100	0.1084		mg/Kg		108	70 - 130	2	35
Ethylbenzene			0.100	0.1184		mg/Kg		118	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.2441		mg/Kg		122	70 - 130	1	35
o-Xylene			0.100	0.1220		mg/Kg		122	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*12*	*S1-*	*70 - 130*

Lab Sample ID: 890-9768-1 MS
Matrix: Solid
Analysis Batch: 137501

Client Sample ID: CS - 15 (2.5')
Prep Type: Total/NA
Prep Batch: 137508

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1109		mg/Kg		111	70 - 130		
Toluene	<0.00200	U	0.100	0.09799		mg/Kg		98	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9768-1 MS — **Client Sample ID: CS - 15 (2.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137501 — **Prep Batch: 137508**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.1059		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2137		mg/Kg		107	70 - 130
o-Xylene	<0.00200	U	0.100	0.1075		mg/Kg		108	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*143*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*64*	*S1-*	*70 - 130*

Lab Sample ID: 890-9768-1 MSD — **Client Sample ID: CS - 15 (2.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137501 — **Prep Batch: 137508**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1039		mg/Kg		104	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.09264		mg/Kg		93	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.100	0.1004		mg/Kg		100	70 - 130	5	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2022		mg/Kg		101	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.1027		mg/Kg		103	70 - 130	5	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*11*	*S1-*	*70 - 130*

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

Lab Sample ID: MB 880-137478/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137519 — **Prep Batch: 137478**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/26 16:51	04/13/26 09:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/26 16:51	04/13/26 09:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/26 16:51	04/13/26 09:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/10/26 16:51*	*04/13/26 09:23*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/10/26 16:51*	*04/13/26 09:23*	*1*

Lab Sample ID: LCS 880-137478/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137519 — **Prep Batch: 137478**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1051		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1272		mg/Kg		127	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-137478/2-A
Matrix: Solid
Analysis Batch: 137519

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137478

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	97		70 - 130
o-Terphenyl (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-137478/3-A
Matrix: Solid
Analysis Batch: 137519

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137478

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1069		mg/Kg		107	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1286		mg/Kg		129	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	97		70 - 130
o-Terphenyl (Surr)	102		70 - 130

Lab Sample ID: 880-70840-A-1-B MS
Matrix: Solid
Analysis Batch: 137519

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 137478

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	1000	586.7	F1	mg/Kg		59	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	791.7		mg/Kg		79	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	97		70 - 130

Lab Sample ID: 880-70840-A-1-C MSD
Matrix: Solid
Analysis Batch: 137519

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 137478

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	1000	586.7	F1	mg/Kg		59	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	779.5		mg/Kg		78	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	99		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

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

Lab Sample ID: MB 880-137483/1-A
Matrix: Solid
Analysis Batch: 137517

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137483

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/26 16:59	04/13/26 09:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/26 16:59	04/13/26 09:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/26 16:59	04/13/26 09:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*53*	*S1-*	*70 - 130*	*04/10/26 16:59*	*04/13/26 09:23*	*1*
o-Terphenyl (Surr)	*55*	*S1-*	*70 - 130*	*04/10/26 16:59*	*04/13/26 09:23*	*1*

Lab Sample ID: LCS 880-137483/2-A
Matrix: Solid
Analysis Batch: 137517

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137483

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	773.0		mg/Kg		77	70 - 130
Diesel Range Organics (Over C10-C28)	1000	780.0		mg/Kg		78	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*78*		*70 - 130*
o-Terphenyl (Surr)	*78*		*70 - 130*

Lab Sample ID: LCSD 880-137483/3-A
Matrix: Solid
Analysis Batch: 137517

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137483

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	785.8		mg/Kg		79	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	791.0		mg/Kg		79	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*78*		*70 - 130*
o-Terphenyl (Surr)	*79*		*70 - 130*

Lab Sample ID: 880-70846-A-1-C MS
Matrix: Solid
Analysis Batch: 137517

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 137483

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	1000	534.5	F1	mg/Kg		53	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U F1	1000	538.8	F1	mg/Kg		54	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-70846-A-1-C MS
Matrix: Solid
Analysis Batch: 137517

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 137483

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	100		70 - 130

Lab Sample ID: 880-70846-A-1-D MSD
Matrix: Solid
Analysis Batch: 137517

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 137483

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	1000	550.0	F1	mg/Kg		55	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.1	U F1	1000	541.6	F1	mg/Kg		54	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	102		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-137506/1-A
Matrix: Solid
Analysis Batch: 137509

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/13/26 08:31	1

Lab Sample ID: LCS 880-137506/2-A
Matrix: Solid
Analysis Batch: 137509

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.0		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-137506/3-A
Matrix: Solid
Analysis Batch: 137509

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	234.2		mg/Kg		94	90 - 110	4	20

Lab Sample ID: 890-9768-14 MS
Matrix: Solid
Analysis Batch: 137509

Client Sample ID: CS - 28 (1.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	173	F1	252	373.6	F1	mg/Kg		80	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9768-14 MSD — **Client Sample ID: CS - 28 (1.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 137509

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	173	F1	252	375.6	F1	mg/Kg		81	90 - 110	1	20

Lab Sample ID: MB 880-137510/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 137516

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/13/26 10:15	1

Lab Sample ID: LCS 880-137510/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 137516

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.7		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-137510/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 137516

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	240.0		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 890-9768-2 MS — **Client Sample ID: CS - 16 (2.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 137516

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	86.4		252	333.7		mg/Kg		98	90 - 110

Lab Sample ID: 890-9768-2 MSD — **Client Sample ID: CS - 16 (2.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 137516

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	86.4		252	333.0		mg/Kg		98	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

GC VOA

Analysis Batch: 137501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9768-1	CS - 15 (2.5')	Total/NA	Solid	8021B	137508
890-9768-2	CS - 16 (2.5')	Total/NA	Solid	8021B	137508
890-9768-3	CS - 17 (2.5')	Total/NA	Solid	8021B	137508
890-9768-4	CS - 18 (2.5')	Total/NA	Solid	8021B	137508
890-9768-5	CS - 19 (2.5')	Total/NA	Solid	8021B	137508
890-9768-6	CS - 20 (2.5')	Total/NA	Solid	8021B	137508
890-9768-7	CS - 21 (2.5')	Total/NA	Solid	8021B	137508
890-9768-8	CS - 22 (2.5')	Total/NA	Solid	8021B	137508
890-9768-9	CS - 23 (2.5')	Total/NA	Solid	8021B	137508
890-9768-10	CS - 24 (2.5')	Total/NA	Solid	8021B	137508
890-9768-11	CS - 25 (1.5')	Total/NA	Solid	8021B	137508
890-9768-12	CS - 26 (1.5')	Total/NA	Solid	8021B	137508
890-9768-13	CS - 27 (1.5')	Total/NA	Solid	8021B	137508
890-9768-14	CS - 28 (1.5')	Total/NA	Solid	8021B	137508
890-9768-15	CS - 29 (1.5')	Total/NA	Solid	8021B	137508
890-9768-16	CS - 30 (1.5')	Total/NA	Solid	8021B	137508
890-9768-17	CS - 31 (1.5')	Total/NA	Solid	8021B	137508
MB 880-137508/5-A	Method Blank	Total/NA	Solid	8021B	137508
LCS 880-137508/1-A	Lab Control Sample	Total/NA	Solid	8021B	137508
LCSD 880-137508/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137508
890-9768-1 MS	CS - 15 (2.5')	Total/NA	Solid	8021B	137508
890-9768-1 MSD	CS - 15 (2.5')	Total/NA	Solid	8021B	137508

Prep Batch: 137508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9768-1	CS - 15 (2.5')	Total/NA	Solid	5035	
890-9768-2	CS - 16 (2.5')	Total/NA	Solid	5035	
890-9768-3	CS - 17 (2.5')	Total/NA	Solid	5035	
890-9768-4	CS - 18 (2.5')	Total/NA	Solid	5035	
890-9768-5	CS - 19 (2.5')	Total/NA	Solid	5035	
890-9768-6	CS - 20 (2.5')	Total/NA	Solid	5035	
890-9768-7	CS - 21 (2.5')	Total/NA	Solid	5035	
890-9768-8	CS - 22 (2.5')	Total/NA	Solid	5035	
890-9768-9	CS - 23 (2.5')	Total/NA	Solid	5035	
890-9768-10	CS - 24 (2.5')	Total/NA	Solid	5035	
890-9768-11	CS - 25 (1.5')	Total/NA	Solid	5035	
890-9768-12	CS - 26 (1.5')	Total/NA	Solid	5035	
890-9768-13	CS - 27 (1.5')	Total/NA	Solid	5035	
890-9768-14	CS - 28 (1.5')	Total/NA	Solid	5035	
890-9768-15	CS - 29 (1.5')	Total/NA	Solid	5035	
890-9768-16	CS - 30 (1.5')	Total/NA	Solid	5035	
890-9768-17	CS - 31 (1.5')	Total/NA	Solid	5035	
MB 880-137508/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137508/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137508/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9768-1 MS	CS - 15 (2.5')	Total/NA	Solid	5035	
890-9768-1 MSD	CS - 15 (2.5')	Total/NA	Solid	5035	

Analysis Batch: 137552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9768-1	CS - 15 (2.5')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

GC VOA (Continued)

Analysis Batch: 137552 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9768-2	CS - 16 (2.5')	Total/NA	Solid	Total BTEX	
890-9768-3	CS - 17 (2.5')	Total/NA	Solid	Total BTEX	
890-9768-4	CS - 18 (2.5')	Total/NA	Solid	Total BTEX	
890-9768-5	CS - 19 (2.5')	Total/NA	Solid	Total BTEX	
890-9768-6	CS - 20 (2.5')	Total/NA	Solid	Total BTEX	
890-9768-7	CS - 21 (2.5')	Total/NA	Solid	Total BTEX	
890-9768-8	CS - 22 (2.5')	Total/NA	Solid	Total BTEX	
890-9768-9	CS - 23 (2.5')	Total/NA	Solid	Total BTEX	
890-9768-10	CS - 24 (2.5')	Total/NA	Solid	Total BTEX	
890-9768-11	CS - 25 (1.5')	Total/NA	Solid	Total BTEX	
890-9768-12	CS - 26 (1.5')	Total/NA	Solid	Total BTEX	
890-9768-13	CS - 27 (1.5')	Total/NA	Solid	Total BTEX	
890-9768-14	CS - 28 (1.5')	Total/NA	Solid	Total BTEX	
890-9768-15	CS - 29 (1.5')	Total/NA	Solid	Total BTEX	
890-9768-16	CS - 30 (1.5')	Total/NA	Solid	Total BTEX	
890-9768-17	CS - 31 (1.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 137478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9768-1	CS - 15 (2.5')	Total/NA	Solid	8015NM Prep	
890-9768-2	CS - 16 (2.5')	Total/NA	Solid	8015NM Prep	
890-9768-3	CS - 17 (2.5')	Total/NA	Solid	8015NM Prep	
890-9768-4	CS - 18 (2.5')	Total/NA	Solid	8015NM Prep	
MB 880-137478/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137478/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137478/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-70840-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-70840-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 137483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9768-5	CS - 19 (2.5')	Total/NA	Solid	8015NM Prep	
890-9768-6	CS - 20 (2.5')	Total/NA	Solid	8015NM Prep	
890-9768-7	CS - 21 (2.5')	Total/NA	Solid	8015NM Prep	
890-9768-8	CS - 22 (2.5')	Total/NA	Solid	8015NM Prep	
890-9768-9	CS - 23 (2.5')	Total/NA	Solid	8015NM Prep	
890-9768-10	CS - 24 (2.5')	Total/NA	Solid	8015NM Prep	
890-9768-11	CS - 25 (1.5')	Total/NA	Solid	8015NM Prep	
890-9768-12	CS - 26 (1.5')	Total/NA	Solid	8015NM Prep	
890-9768-13	CS - 27 (1.5')	Total/NA	Solid	8015NM Prep	
890-9768-14	CS - 28 (1.5')	Total/NA	Solid	8015NM Prep	
890-9768-15	CS - 29 (1.5')	Total/NA	Solid	8015NM Prep	
890-9768-16	CS - 30 (1.5')	Total/NA	Solid	8015NM Prep	
890-9768-17	CS - 31 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-137483/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137483/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137483/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-70846-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-70846-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

GC Semi VOA

Analysis Batch: 137517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9768-5	CS - 19 (2.5')	Total/NA	Solid	8015B NM	137483
890-9768-6	CS - 20 (2.5')	Total/NA	Solid	8015B NM	137483
890-9768-7	CS - 21 (2.5')	Total/NA	Solid	8015B NM	137483
890-9768-8	CS - 22 (2.5')	Total/NA	Solid	8015B NM	137483
890-9768-9	CS - 23 (2.5')	Total/NA	Solid	8015B NM	137483
890-9768-10	CS - 24 (2.5')	Total/NA	Solid	8015B NM	137483
890-9768-11	CS - 25 (1.5')	Total/NA	Solid	8015B NM	137483
890-9768-12	CS - 26 (1.5')	Total/NA	Solid	8015B NM	137483
890-9768-13	CS - 27 (1.5')	Total/NA	Solid	8015B NM	137483
890-9768-14	CS - 28 (1.5')	Total/NA	Solid	8015B NM	137483
890-9768-15	CS - 29 (1.5')	Total/NA	Solid	8015B NM	137483
890-9768-16	CS - 30 (1.5')	Total/NA	Solid	8015B NM	137483
890-9768-17	CS - 31 (1.5')	Total/NA	Solid	8015B NM	137483
MB 880-137483/1-A	Method Blank	Total/NA	Solid	8015B NM	137483
LCS 880-137483/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137483
LCSD 880-137483/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137483
880-70846-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	137483
880-70846-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	137483

Analysis Batch: 137519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9768-1	CS - 15 (2.5')	Total/NA	Solid	8015B NM	137478
890-9768-2	CS - 16 (2.5')	Total/NA	Solid	8015B NM	137478
890-9768-3	CS - 17 (2.5')	Total/NA	Solid	8015B NM	137478
890-9768-4	CS - 18 (2.5')	Total/NA	Solid	8015B NM	137478
MB 880-137478/1-A	Method Blank	Total/NA	Solid	8015B NM	137478
LCS 880-137478/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137478
LCSD 880-137478/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137478
880-70840-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	137478
880-70840-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	137478

Analysis Batch: 137618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9768-1	CS - 15 (2.5')	Total/NA	Solid	8015 NM	
890-9768-2	CS - 16 (2.5')	Total/NA	Solid	8015 NM	
890-9768-3	CS - 17 (2.5')	Total/NA	Solid	8015 NM	
890-9768-4	CS - 18 (2.5')	Total/NA	Solid	8015 NM	
890-9768-5	CS - 19 (2.5')	Total/NA	Solid	8015 NM	
890-9768-6	CS - 20 (2.5')	Total/NA	Solid	8015 NM	
890-9768-7	CS - 21 (2.5')	Total/NA	Solid	8015 NM	
890-9768-8	CS - 22 (2.5')	Total/NA	Solid	8015 NM	
890-9768-9	CS - 23 (2.5')	Total/NA	Solid	8015 NM	
890-9768-10	CS - 24 (2.5')	Total/NA	Solid	8015 NM	
890-9768-11	CS - 25 (1.5')	Total/NA	Solid	8015 NM	
890-9768-12	CS - 26 (1.5')	Total/NA	Solid	8015 NM	
890-9768-13	CS - 27 (1.5')	Total/NA	Solid	8015 NM	
890-9768-14	CS - 28 (1.5')	Total/NA	Solid	8015 NM	
890-9768-15	CS - 29 (1.5')	Total/NA	Solid	8015 NM	
890-9768-16	CS - 30 (1.5')	Total/NA	Solid	8015 NM	
890-9768-17	CS - 31 (1.5')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Job ID: 890-9768-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

HPLC/IC

Leach Batch: 137506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9768-12	CS - 26 (1.5')	Soluble	Solid	DI Leach	
890-9768-13	CS - 27 (1.5')	Soluble	Solid	DI Leach	
890-9768-14	CS - 28 (1.5')	Soluble	Solid	DI Leach	
890-9768-15	CS - 29 (1.5')	Soluble	Solid	DI Leach	
890-9768-16	CS - 30 (1.5')	Soluble	Solid	DI Leach	
890-9768-17	CS - 31 (1.5')	Soluble	Solid	DI Leach	
MB 880-137506/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137506/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137506/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9768-14 MS	CS - 28 (1.5')	Soluble	Solid	DI Leach	
890-9768-14 MSD	CS - 28 (1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 137509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9768-12	CS - 26 (1.5')	Soluble	Solid	300.0	137506
890-9768-13	CS - 27 (1.5')	Soluble	Solid	300.0	137506
890-9768-14	CS - 28 (1.5')	Soluble	Solid	300.0	137506
890-9768-15	CS - 29 (1.5')	Soluble	Solid	300.0	137506
890-9768-16	CS - 30 (1.5')	Soluble	Solid	300.0	137506
890-9768-17	CS - 31 (1.5')	Soluble	Solid	300.0	137506
MB 880-137506/1-A	Method Blank	Soluble	Solid	300.0	137506
LCS 880-137506/2-A	Lab Control Sample	Soluble	Solid	300.0	137506
LCSD 880-137506/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137506
890-9768-14 MS	CS - 28 (1.5')	Soluble	Solid	300.0	137506
890-9768-14 MSD	CS - 28 (1.5')	Soluble	Solid	300.0	137506

Leach Batch: 137510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9768-1	CS - 15 (2.5')	Soluble	Solid	DI Leach	
890-9768-2	CS - 16 (2.5')	Soluble	Solid	DI Leach	
890-9768-3	CS - 17 (2.5')	Soluble	Solid	DI Leach	
890-9768-4	CS - 18 (2.5')	Soluble	Solid	DI Leach	
890-9768-5	CS - 19 (2.5')	Soluble	Solid	DI Leach	
890-9768-6	CS - 20 (2.5')	Soluble	Solid	DI Leach	
890-9768-7	CS - 21 (2.5')	Soluble	Solid	DI Leach	
890-9768-8	CS - 22 (2.5')	Soluble	Solid	DI Leach	
890-9768-9	CS - 23 (2.5')	Soluble	Solid	DI Leach	
890-9768-10	CS - 24 (2.5')	Soluble	Solid	DI Leach	
890-9768-11	CS - 25 (1.5')	Soluble	Solid	DI Leach	
MB 880-137510/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137510/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137510/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9768-2 MS	CS - 16 (2.5')	Soluble	Solid	DI Leach	
890-9768-2 MSD	CS - 16 (2.5')	Soluble	Solid	DI Leach	

Analysis Batch: 137516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9768-1	CS - 15 (2.5')	Soluble	Solid	300.0	137510
890-9768-2	CS - 16 (2.5')	Soluble	Solid	300.0	137510
890-9768-3	CS - 17 (2.5')	Soluble	Solid	300.0	137510
890-9768-4	CS - 18 (2.5')	Soluble	Solid	300.0	137510

QC Association Summary

Client: Carmona Resources
Job ID: 890-9768-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

HPLC/IC (Continued)

Analysis Batch: 137516 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9768-5	CS - 19 (2.5')	Soluble	Solid	300.0	137510
890-9768-6	CS - 20 (2.5')	Soluble	Solid	300.0	137510
890-9768-7	CS - 21 (2.5')	Soluble	Solid	300.0	137510
890-9768-8	CS - 22 (2.5')	Soluble	Solid	300.0	137510
890-9768-9	CS - 23 (2.5')	Soluble	Solid	300.0	137510
890-9768-10	CS - 24 (2.5')	Soluble	Solid	300.0	137510
890-9768-11	CS - 25 (1.5')	Soluble	Solid	300.0	137510
MB 880-137510/1-A	Method Blank	Soluble	Solid	300.0	137510
LCS 880-137510/2-A	Lab Control Sample	Soluble	Solid	300.0	137510
LCSD 880-137510/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137510
890-9768-2 MS	CS - 16 (2.5')	Soluble	Solid	300.0	137510
890-9768-2 MSD	CS - 16 (2.5')	Soluble	Solid	300.0	137510

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 15 (2.5')

Date Collected: 04/10/26 11:10
Date Received: 04/10/26 15:39

Lab Sample ID: 890-9768-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	137501	04/12/26 22:47	SA	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	137508	04/13/26 08:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			137552	04/12/26 22:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			137618	04/13/26 15:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137478	04/10/26 16:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137519	04/13/26 15:54	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 11:39	CS	EET MID

Client Sample ID: CS - 16 (2.5')

Date Collected: 04/10/26 11:10
Date Received: 04/10/26 15:39

Lab Sample ID: 890-9768-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	137501	04/12/26 23:07	SA	EET MID
Total/NA	Prep	5035			4.98 g	5 mL	137508	04/13/26 08:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			137552	04/12/26 23:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			137618	04/13/26 16:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137478	04/10/26 16:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137519	04/13/26 16:08	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 11:44	CS	EET MID

Client Sample ID: CS - 17 (2.5')

Date Collected: 04/10/26 11:11
Date Received: 04/10/26 15:39

Lab Sample ID: 890-9768-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	137501	04/12/26 23:28	SA	EET MID
Total/NA	Prep	5035			4.95 g	5 mL	137508	04/13/26 08:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			137552	04/12/26 23:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			137618	04/13/26 16:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137478	04/10/26 16:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137519	04/13/26 16:22	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 12:00	CS	EET MID

Client Sample ID: CS - 18 (2.5')

Date Collected: 04/10/26 11:12
Date Received: 04/10/26 15:39

Lab Sample ID: 890-9768-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	137501	04/12/26 23:48	SA	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	137508	04/13/26 08:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			137552	04/12/26 23:48	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 18 (2.5')

Lab Sample ID: 890-9768-4
Matrix: Solid
Date Collected: 04/10/26 11:12
Date Received: 04/10/26 15:39

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			137618	04/13/26 16:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137478	04/10/26 16:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137519	04/13/26 16:35	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 12:05	CS	EET MID

Client Sample ID: CS - 19 (2.5')

Lab Sample ID: 890-9768-5
Matrix: Solid
Date Collected: 04/10/26 11:12
Date Received: 04/10/26 15:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	137501	04/13/26 00:09	SA	EET MID
Total/NA	Prep	5035			5.05 g	5 mL	137508	04/13/26 08:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			137552	04/13/26 00:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			137618	04/13/26 12:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137483	04/10/26 16:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137517	04/13/26 12:49	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 12:21	CS	EET MID

Client Sample ID: CS - 20 (2.5')

Lab Sample ID: 890-9768-6
Matrix: Solid
Date Collected: 04/10/26 11:13
Date Received: 04/10/26 15:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	137501	04/13/26 00:29	SA	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	137508	04/13/26 08:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			137552	04/13/26 00:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			137618	04/13/26 13:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137483	04/10/26 16:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137517	04/13/26 13:03	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 12:26	CS	EET MID

Client Sample ID: CS - 21 (2.5')

Lab Sample ID: 890-9768-7
Matrix: Solid
Date Collected: 04/10/26 11:21
Date Received: 04/10/26 15:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	137501	04/13/26 00:50	SA	EET MID
Total/NA	Prep	5035			4.97 g	5 mL	137508	04/13/26 08:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			137552	04/13/26 00:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			137618	04/13/26 13:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	137483	04/10/26 16:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137517	04/13/26 13:18	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 21 (2.5')

Date Collected: 04/10/26 11:21
Date Received: 04/10/26 15:39

Lab Sample ID: 890-9768-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 12:31	CS	EET MID

Client Sample ID: CS - 22 (2.5')

Date Collected: 04/10/26 11:21
Date Received: 04/10/26 15:39

Lab Sample ID: 890-9768-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	137501	04/13/26 01:10	SA	EET MID
Total/NA	Prep	5035			4.95 g	5 mL	137508	04/13/26 08:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			137552	04/13/26 01:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			137618	04/13/26 13:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137483	04/10/26 16:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137517	04/13/26 13:32	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 12:37	CS	EET MID

Client Sample ID: CS - 23 (2.5')

Date Collected: 04/10/26 11:23
Date Received: 04/10/26 15:39

Lab Sample ID: 890-9768-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	137501	04/13/26 01:30	SA	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	137508	04/13/26 08:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			137552	04/13/26 01:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			137618	04/13/26 13:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137483	04/10/26 16:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137517	04/13/26 13:46	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 12:42	CS	EET MID

Client Sample ID: CS - 24 (2.5')

Date Collected: 04/10/26 11:24
Date Received: 04/10/26 15:39

Lab Sample ID: 890-9768-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	137501	04/13/26 01:51	SA	EET MID
Total/NA	Prep	5035			5.02 g	5 mL	137508	04/13/26 08:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			137552	04/13/26 01:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			137618	04/13/26 14:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137483	04/10/26 16:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137517	04/13/26 14:00	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 12:47	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 25 (1.5')

Lab Sample ID: 890-9768-11
Matrix: Solid
Date Collected: 04/10/26 13:21
Date Received: 04/10/26 15:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	137501	04/13/26 03:24	SA	EET MID
Total/NA	Prep	5035			5.04 g	5 mL	137508	04/13/26 08:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			137552	04/13/26 03:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			137618	04/13/26 14:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137483	04/10/26 16:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137517	04/13/26 14:28	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137510	04/13/26 08:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137516	04/13/26 12:52	CS	EET MID

Client Sample ID: CS - 26 (1.5')

Lab Sample ID: 890-9768-12
Matrix: Solid
Date Collected: 04/10/26 13:22
Date Received: 04/10/26 15:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	137501	04/13/26 03:45	SA	EET MID
Total/NA	Prep	5035			4.98 g	5 mL	137508	04/13/26 08:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			137552	04/13/26 03:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			137618	04/13/26 14:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137483	04/10/26 16:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137517	04/13/26 14:43	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137506	04/13/26 07:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137509	04/13/26 09:50	CS	EET MID

Client Sample ID: CS - 27 (1.5')

Lab Sample ID: 890-9768-13
Matrix: Solid
Date Collected: 04/10/26 13:24
Date Received: 04/10/26 15:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	137501	04/13/26 04:05	SA	EET MID
Total/NA	Prep	5035			4.95 g	5 mL	137508	04/13/26 08:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			137552	04/13/26 04:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			137618	04/13/26 14:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	137483	04/10/26 16:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137517	04/13/26 14:57	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	137506	04/13/26 07:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137509	04/13/26 09:55	CS	EET MID

Client Sample ID: CS - 28 (1.5')

Lab Sample ID: 890-9768-14
Matrix: Solid
Date Collected: 04/10/26 13:24
Date Received: 04/10/26 15:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	137501	04/13/26 04:26	SA	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	137508	04/13/26 08:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			137552	04/13/26 04:26	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Job ID: 890-9768-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

Client Sample ID: CS - 28 (1.5')
Lab Sample ID: 890-9768-14
Date Collected: 04/10/26 13:24
Matrix: Solid
Date Received: 04/10/26 15:39

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			137618	04/13/26 15:12	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137483	04/10/26 16:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137517	04/13/26 15:12	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	137506	04/13/26 07:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137509	04/13/26 10:00	CS	EET MID

Client Sample ID: CS - 29 (1.5')
Lab Sample ID: 890-9768-15
Date Collected: 04/10/26 13:26
Matrix: Solid
Date Received: 04/10/26 15:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	137501	04/13/26 04:46	SA	EET MID
Total/NA	Prep	5035			5.02 g	5 mL	137508	04/13/26 08:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			137552	04/13/26 04:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			137618	04/13/26 15:26	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	137483	04/10/26 16:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137517	04/13/26 15:26	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137506	04/13/26 07:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137509	04/13/26 10:16	CS	EET MID

Client Sample ID: CS - 30 (1.5')
Lab Sample ID: 890-9768-16
Date Collected: 04/10/26 13:26
Matrix: Solid
Date Received: 04/10/26 15:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	137501	04/13/26 05:06	SA	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	137508	04/13/26 08:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			137552	04/13/26 05:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			137618	04/13/26 15:40	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137483	04/10/26 16:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137517	04/13/26 15:40	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	137506	04/13/26 07:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137509	04/13/26 10:21	CS	EET MID

Client Sample ID: CS - 31 (1.5')
Lab Sample ID: 890-9768-17
Date Collected: 04/10/26 13:37
Matrix: Solid
Date Received: 04/10/26 15:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	137501	04/13/26 05:27	SA	EET MID
Total/NA	Prep	5035			4.98 g	5 mL	137508	04/13/26 08:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			137552	04/13/26 05:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			137618	04/13/26 15:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137483	04/10/26 16:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137517	04/13/26 15:54	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Job ID: 890-9768-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

Client Sample ID: CS - 31 (1.5')
Lab Sample ID: 890-9768-17
Date Collected: 04/10/26 13:37
Matrix: Solid
Date Received: 04/10/26 15:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	137506	04/13/26 07:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137509	04/13/26 10:37	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Job ID: 890-9768-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9768-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9768-1	CS - 15 (2.5')	Solid	04/10/26 11:10	04/10/26 15:39	Texas
890-9768-2	CS - 16 (2.5')	Solid	04/10/26 11:10	04/10/26 15:39	Texas
890-9768-3	CS - 17 (2.5')	Solid	04/10/26 11:11	04/10/26 15:39	Texas
890-9768-4	CS - 18 (2.5')	Solid	04/10/26 11:12	04/10/26 15:39	Texas
890-9768-5	CS - 19 (2.5')	Solid	04/10/26 11:12	04/10/26 15:39	Texas
890-9768-6	CS - 20 (2.5')	Solid	04/10/26 11:13	04/10/26 15:39	Texas
890-9768-7	CS - 21 (2.5')	Solid	04/10/26 11:21	04/10/26 15:39	Texas
890-9768-8	CS - 22 (2.5')	Solid	04/10/26 11:21	04/10/26 15:39	Texas
890-9768-9	CS - 23 (2.5')	Solid	04/10/26 11:23	04/10/26 15:39	Texas
890-9768-10	CS - 24 (2.5')	Solid	04/10/26 11:24	04/10/26 15:39	Texas
890-9768-11	CS - 25 (1.5')	Solid	04/10/26 13:21	04/10/26 15:39	Texas
890-9768-12	CS - 26 (1.5')	Solid	04/10/26 13:22	04/10/26 15:39	Texas
890-9768-13	CS - 27 (1.5')	Solid	04/10/26 13:24	04/10/26 15:39	Texas
890-9768-14	CS - 28 (1.5')	Solid	04/10/26 13:24	04/10/26 15:39	Texas
890-9768-15	CS - 29 (1.5')	Solid	04/10/26 13:26	04/10/26 15:39	Texas
890-9768-16	CS - 30 (1.5')	Solid	04/10/26 13:26	04/10/26 15:39	Texas
890-9768-17	CS - 31 (1.5')	Solid	04/10/26 13:37	04/10/26 15:39	Texas

Released to Imaging: 5/6/2026 4:20:08 PM
Received by OCD: 4/22/2026 6:58:20 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79701
Phone:	432-813-6823	Email:	ThielkeA@carmonaresources.com & Laci.Luig@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Federal Com 4H (12.28.2025)	Turn Around	
Project Number:	3099	☐ Routine	☑ Rush
Project Location	Eddy County, New Mexico	Due Date:	24 HR
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	Inmaa2	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.4	
Total Containers:		Corrected Temperature:	5.2	

ANALYSIS REQUEST

890-9768 Chain of Custody

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-15 (2.5')	4/10/2026	11:10 AM	X		Comp	1		X	X	X	
CS-16 (2.5')	4/10/2026	11:10 AM	X		Comp	1		X	X	X	
CS-17 (2.5')	4/10/2026	11:11 AM	X		Comp	1		X	X	X	
CS-18 (2.5')	4/10/2026	11:12 AM	X		Comp	1		X	X	X	
CS-19 (2.5')	4/10/2026	11:12 AM	X		Comp	1		X	X	X	
CS-20 (2.5')	4/10/2026	11:13 AM	X		Comp	1		X	X	X	
CS-21 (2.5')	4/10/2026	11:21 AM	X		Comp	1		X	X	X	
CS-22 (2.5')	4/10/2026	11:21 AM	X		Comp	1		X	X	X	
CS-23 (2.5')	4/10/2026	11:23 AM	X		Comp	1		X	X	X	
CS-24 (2.5')	4/10/2026	11:24 AM	X		Comp	1		X	X	X	

Preservative Codes

None: NO	DI Water: H_2O
Cool: Cool	MeOH: Me
HCL: HC	HNO_3: HN
H_2S0_4: H_2	NaOH: Na
H_3PO_4: HP	
$NaHSO_4$: NABIS	
$Na_2S_2O_3$: $NaSO_3$	
Zn Acetate+NaOH: Zn	
NaOH+Ascorbic Acid: SAPC	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4/10 1539

Released to Imaging: 5/6/2026 4:20:08 PM
Received by OCD: 4/22/2026 6:58:20 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79701
Phone:	432-813-6823	Email:	ThielkeA@carmonaresources.com & Laci.Luig@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Federal Com 4H (12.28.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3099	Due Date:	24 HR
Project Location	Eddy County, New Mexico		
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:		Inm007
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:		5.4
Total Containers:		Corrected Temperature:		5.2

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-25 (1.5')	4/10/2026	1:21 PM	X		Comp	1		X	X	X	
CS-26 (1.5')	4/10/2026	1:22 PM	X		Comp	1		X	X	X	
CS-27 (1.5')	4/10/2026	1:24 PM	X		Comp	1		X	X	X	
CS-28 (1.5')	4/10/2026	1:24 PM	X		Comp	1		X	X	X	
CS-29 (1.5')	4/10/2026	1:26 PM	X		Comp	1		X	X	X	
CS-30 (1.5')	4/10/2026	1:26 PM	X		Comp	1		X	X	X	
CS-31 (1.5')	4/10/2026	1:37 PM	X		Comp	1		X	X	X	

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4/10 15:39

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6793.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9768-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/13/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: BONNIE 35 FEDERAL COM 4H (12.28.2025)	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS - 15 (2.5') (890-9768-1)	4/10/26	11:10 Central	G	Solid			X	X	X	X	X	1	
CS - 16 (2.5') (890-9768-2)	4/10/26	11:10 Central	G	Solid			X	X	X	X	X	1	
CS - 17 (2.5') (890-9768-3)	4/10/26	11:11 Central	G	Solid			X	X	X	X	X	1	
CS - 18 (2.5') (890-9768-4)	4/10/26	11:12 Central	G	Solid			X	X	X	X	X	1	
CS - 19 (2.5') (890-9768-5)	4/10/26	11:12 Central	G	Solid			X	X	X	X	X	1	
CS - 20 (2.5') (890-9768-6)	4/10/26	11:13 Central	G	Solid			X	X	X	X	X	1	
CS - 21 (2.5') (890-9768-7)	4/10/26	11:21 Central	G	Solid			X	X	X	X	X	1	
CS - 22 (2.5') (890-9768-8)	4/10/26	11:21 Central	G	Solid			X	X	X	X	X	1	
CS - 23 (2.5') (890-9768-9)	4/10/26	11:23 Central	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4/10 1630	Company	Received by:	Date/Time: 4-13-26 800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

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Received by OCD: 4/22/2026 6:58:20 AM
4/13/2026
Page 44 of 48
Released to Imaging: 5/6/2026 4:20:08 PM

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6793.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9768-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/13/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: BONNIE 35 FEDERAL COM 4H (12.28.2025)	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS - 24 (2.5') (890-9768-10)	4/10/26	11:24 Central	G	Solid			X	X	X	X	X	1	
CS - 25 (1.5') (890-9768-11)	4/10/26	13:21 Central	G	Solid			X	X	X	X	X	1	
CS - 26 (1.5') (890-9768-12)	4/10/26	13:22 Central	G	Solid			X	X	X	X	X	1	
CS - 27 (1.5') (890-9768-13)	4/10/26	13:24 Central	G	Solid			X	X	X	X	X	1	
CS - 28 (1.5') (890-9768-14)	4/10/26	13:24 Central	G	Solid			X	X	X	X	X	1	
CS - 29 (1.5') (890-9768-15)	4/10/26	13:26 Central	G	Solid			X	X	X	X	X	1	
CS - 30 (1.5') (890-9768-16)	4/10/26	13:26 Central	G	Solid			X	X	X	X	X	1	
CS - 31 (1.5') (890-9768-17)	4/10/26	13:37 Central	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4/10 1630	Company	Received by:	Date/Time: 4-13-26 800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Received by OCD: 4/22/2026 6:58:20 AM

Released to Imaging: 5/6/2026 4:20:08 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9768-1
SDG Number: Eddy County New Mexico

Login Number: 9768
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9768-1
SDG Number: Eddy County New Mexico

Login Number: 9768
List Number: 2
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9768-1
SDG Number: Eddy County New Mexico

Login Number: 9768
List Number: 3
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/13/26 08:04 AM

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

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 15, 2026

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Enclosed are the results of analyses for samples received by the laboratory on 04/14/26 14:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 32 (1.5')	H262141-02	Soil	14-Apr-26 10:33	14-Apr-26 14:28
CS - 33 (1.5')	H262141-03	Soil	14-Apr-26 10:35	14-Apr-26 14:28
CS - 34 (1.5')	H262141-04	Soil	14-Apr-26 10:37	14-Apr-26 14:28
CS - 35 (1.5')	H262141-05	Soil	14-Apr-26 10:39	14-Apr-26 14:28
CS - 36 (1.5')	H262141-06	Soil	14-Apr-26 10:41	14-Apr-26 14:28
CS - 37 (1.5')	H262141-07	Soil	14-Apr-26 10:43	14-Apr-26 14:28
CS - 38 (1.5')	H262141-08	Soil	14-Apr-26 10:45	14-Apr-26 14:28
CS - 39 (1.5')	H262141-09	Soil	14-Apr-26 10:47	14-Apr-26 14:28
CS - 40 (1.5')	H262141-10	Soil	14-Apr-26 10:50	14-Apr-26 14:28
CS - 41 (1.5')	H262141-11	Soil	14-Apr-26 10:54	14-Apr-26 14:28
CS - 42 (1.5')	H262141-12	Soil	14-Apr-26 10:57	14-Apr-26 14:28
CS - 43 (1.5')	H262141-13	Soil	14-Apr-26 10:59	14-Apr-26 14:28
CS - 44 (1.5')	H262141-14	Soil	14-Apr-26 11:03	14-Apr-26 14:28
CS - 45 (1.5')	H262141-15	Soil	14-Apr-26 11:06	14-Apr-26 14:28
CS - 46 (1.5')	H262141-16	Soil	14-Apr-26 11:09	14-Apr-26 14:28

CASE NARRATIVE:

No labels with lot numbers on sample containers for traceability.

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

CS - 32 (1.5')

H262141-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1120**		16.0	mg/kg	4	6041506	AC	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*97.9 %*	*70.4-141*		*6041431*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041445	JF	14-Apr-26	8015B	
DRO >C10-C28*	**20.4**		10.0	mg/kg	1	6041445	JF	14-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041445	JF	14-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*77.6 %*	*52.4-130*		*6041445*	JF	*14-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.6 %*	*39.9-141*		*6041445*	JF	*14-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

CS - 33 (1.5')

H262141-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**208**		16.0	mg/kg	4	6041506	AC	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.7 %*	*70.4-141*		*6041431*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041445	JF	14-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6041445	JF	14-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041445	JF	14-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*74.7 %*	*52.4-130*		*6041445*	JF	*14-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*75.2 %*	*39.9-141*		*6041445*	JF	*14-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

CS - 34 (1.5')

H262141-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6041506	AC	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.3 %*	*70.4-141*		*6041431*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*55.2 %*	*52.4-130*		*6041445*	JF	*15-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*62.0 %*	*39.9-141*		*6041445*	JF	*15-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

CS - 35 (1.5')

H262141-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1100**		16.0	mg/kg	4	6041506	AC	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.7 %*	*70.4-141*		*6041431*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041445	JF	14-Apr-26	8015B	
DRO >C10-C28*	**30.3**		10.0	mg/kg	1	6041445	JF	14-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041445	JF	14-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*70.0 %*	*52.4-130*		*6041445*	JF	*14-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*70.8 %*	*39.9-141*		*6041445*	JF	*14-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

CS - 36 (1.5')

H262141-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6041506	AC	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.1 %*	*70.4-141*		*6041431*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041445	JF	14-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6041445	JF	14-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041445	JF	14-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*73.6 %*	*52.4-130*		*6041445*	JF	*14-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*73.8 %*	*39.9-141*		*6041445*	JF	*14-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

CS - 37 (1.5')

H262141-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**16.0**		16.0	mg/kg	4	6041506	AC	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.4 %*	*70.4-141*		*6041431*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*63.2 %*	*52.4-130*		*6041445*	JF	*15-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*65.3 %*	*39.9-141*		*6041445*	JF	*15-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

CS - 38 (1.5')

H262141-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1040**		16.0	mg/kg	4	6041506	AC	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.6 %*	*70.4-141*		*6041431*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
DRO >C10-C28*	**35.3**		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*81.2 %*	*52.4-130*		*6041445*	JF	*15-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*83.1 %*	*39.9-141*		*6041445*	JF	*15-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

CS - 39 (1.5')

H262141-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6041506	AC	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.8 %*	*70.4-141*		*6041431*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*83.3 %*	*52.4-130*		*6041445*	JF	*15-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*84.9 %*	*39.9-141*		*6041445*	JF	*15-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

CS - 40 (1.5')

H262141-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**16.0**		16.0	mg/kg	4	6041506	AC	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041431	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.3 %*	*70.4-141*		*6041431*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*69.9 %*	*52.4-130*		*6041445*	JF	*15-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*72.0 %*	*39.9-141*		*6041445*	JF	*15-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

CS - 41 (1.5')

H262141-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**736**		16.0	mg/kg	4	6041506	AC	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*97.5 %*	*70.4-141*		*6041458*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
DRO >C10-C28*	**14.4**		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*89.4 %*	*52.4-130*		*6041445*	JF	*15-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*91.5 %*	*39.9-141*		*6041445*	JF	*15-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

CS - 42 (1.5')

H262141-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	6041506	AC	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.5 %*	*70.4-141*		*6041458*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041445	JF	15-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*82.9 %*	*52.4-130*		*6041445*	JF	*15-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*84.0 %*	*39.9-141*		*6041445*	JF	*15-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

CS - 43 (1.5')

H262141-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**16.0**		16.0	mg/kg	4	6041506	AC	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.7 %*	*70.4-141*		*6041458*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*67.9 %*	*52.4-130*		*6041457*	JF	*14-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*66.3 %*	*39.9-141*		*6041457*	JF	*14-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

CS - 44 (1.5')

H262141-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1140**		16.0	mg/kg	4	6041506	AC	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.4 %*	*70.4-141*		*6041458*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
DRO >C10-C28*	**17.8**		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*74.0 %*	*52.4-130*		*6041457*	JF	*14-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*70.4 %*	*39.9-141*		*6041457*	JF	*14-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

CS - 45 (1.5')

H262141-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**880**		16.0	mg/kg	4	6041507	KH	15-Apr-26	4500-Cl-B	QM-07
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.3 %*	*70.4-141*		*6041458*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*93.4 %*	*52.4-130*		*6041457*	JF	*14-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*90.3 %*	*39.9-141*		*6041457*	JF	*14-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

CS - 46 (1.5')

H262141-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	6041507	KH	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.2 %*	*70.4-141*		*6041458*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*88.7 %*	*52.4-130*		*6041457*	JF	*14-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*84.9 %*	*39.9-141*		*6041457*	JF	*14-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041506 - 1:4 DI Water										
Blank (6041506-BLK1)				Prepared & Analyzed: 15-Apr-26						
Chloride	ND	16.0	mg/kg							
LCS (6041506-BS1)				Prepared & Analyzed: 15-Apr-26						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (6041506-BSD1)				Prepared & Analyzed: 15-Apr-26						
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	
Batch 6041507 - 1:4 DI Water										
Blank (6041507-BLK1)				Prepared & Analyzed: 15-Apr-26						
Chloride	ND	16.0	mg/kg							
LCS (6041507-BS1)				Prepared & Analyzed: 15-Apr-26						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (6041507-BSD1)				Prepared & Analyzed: 15-Apr-26						
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041431 - Volatiles										
Blank (6041431-BLK1)				Prepared & Analyzed: 14-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*97.2*	*70.4-141*			
LCS (6041431-BS1)				Prepared & Analyzed: 14-Apr-26						
Benzene	2.18	0.050	mg/kg	2.00		109	71-111			
Toluene	2.07	0.050	mg/kg	2.00		104	75-116			
Ethylbenzene	1.97	0.050	mg/kg	2.00		98.4	74.2-119			
m,p-Xylene	3.82	0.100	mg/kg	4.00		95.5	72.5-123			
o-Xylene	1.93	0.050	mg/kg	2.00		96.5	70.5-124			
Total Xylenes	5.75	0.150	mg/kg	6.00		95.8	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0473*		mg/kg	*0.0500*		*94.5*	*70.4-141*			
LCS Dup (6041431-BSD1)				Prepared & Analyzed: 14-Apr-26						
Benzene	2.23	0.050	mg/kg	2.00		112	71-111	2.18	17.6	BS-3
Toluene	2.09	0.050	mg/kg	2.00		105	75-116	0.938	14.8	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	74.2-119	2.44	14.2	
m,p-Xylene	3.92	0.100	mg/kg	4.00		98.0	72.5-123	2.61	13.6	
o-Xylene	1.99	0.050	mg/kg	2.00		99.3	70.5-124	2.87	13.7	
Total Xylenes	5.91	0.150	mg/kg	6.00		98.4	72.2-123	2.69	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0470*		mg/kg	*0.0500*		*94.1*	*70.4-141*			
Batch 6041458 - Volatiles										
Blank (6041458-BLK1)				Prepared & Analyzed: 14-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041458 - Volatiles										
Blank (6041458-BLK1)				Prepared & Analyzed: 14-Apr-26						
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*97.5*	*70.4-141*			
LCS (6041458-BS1)				Prepared & Analyzed: 14-Apr-26						
Benzene	2.10	0.050	mg/kg	2.00		105	71-111			
Toluene	2.06	0.050	mg/kg	2.00		103	75-116			
Ethylbenzene	2.07	0.050	mg/kg	2.00		103	74.2-119			
m,p-Xylene	4.22	0.100	mg/kg	4.00		106	72.5-123			
o-Xylene	2.01	0.050	mg/kg	2.00		101	70.5-124			
Total Xylenes	6.23	0.150	mg/kg	6.00		104	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0494*		mg/kg	*0.0500*		*98.7*	*70.4-141*			
LCS Dup (6041458-BSD1)				Prepared & Analyzed: 14-Apr-26						
Benzene	2.13	0.050	mg/kg	2.00		106	71-111	1.21	17.6	
Toluene	2.09	0.050	mg/kg	2.00		104	75-116	1.13	14.8	
Ethylbenzene	2.09	0.050	mg/kg	2.00		105	74.2-119	1.26	14.2	
m,p-Xylene	4.26	0.100	mg/kg	4.00		107	72.5-123	0.944	13.6	
o-Xylene	2.03	0.050	mg/kg	2.00		102	70.5-124	1.06	13.7	
Total Xylenes	6.30	0.150	mg/kg	6.00		105	72.2-123	0.981	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0490*		mg/kg	*0.0500*		*97.9*	*70.4-141*			

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041445 - General Prep - Organics										
Blank (6041445-BLK1)				Prepared & Analyzed: 14-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*41.1*		mg/kg	*50.0*		*82.2*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*41.3*		mg/kg	*50.0*		*82.6*	*39.9-141*			
LCS (6041445-BS1)				Prepared & Analyzed: 14-Apr-26						
GRO C6-C10	207	10.0	mg/kg	200		103	78.7-123			
DRO >C10-C28	185	10.0	mg/kg	200		92.6	74.8-123			
Total TPH C6-C28	392	10.0	mg/kg	400		97.9	78.6-121			
Surrogate: 1-Chlorooctane	*48.5*		mg/kg	*50.0*		*97.0*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*47.1*		mg/kg	*50.0*		*94.1*	*39.9-141*			
LCS Dup (6041445-BSD1)				Prepared & Analyzed: 14-Apr-26						
GRO C6-C10	203	10.0	mg/kg	200		102	78.7-123	1.69	11.3	
DRO >C10-C28	187	10.0	mg/kg	200		93.5	74.8-123	1.01	10.9	
Total TPH C6-C28	390	10.0	mg/kg	400		97.5	78.6-121	0.402	10.5	
Surrogate: 1-Chlorooctane	*50.9*		mg/kg	*50.0*		*102*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*49.0*		mg/kg	*50.0*		*98.0*	*39.9-141*			
Batch 6041457 - General Prep - Organics										
Blank (6041457-BLK1)				Prepared & Analyzed: 14-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*49.8*		mg/kg	*50.0*		*99.5*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*47.2*		mg/kg	*50.0*		*94.4*	*39.9-141*			

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:28

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041457 - General Prep - Organics										
LCS (6041457-BS1)				Prepared & Analyzed: 14-Apr-26						
GRO C6-C10	211	10.0	mg/kg	200		105	78.7-123			
DRO >C10-C28	192	10.0	mg/kg	200		95.8	74.8-123			
Total TPH C6-C28	402	10.0	mg/kg	400		101	78.6-121			
Surrogate: 1-Chlorooctane	*51.4*		mg/kg	*50.0*		*103*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*49.8*		mg/kg	*50.0*		*99.5*	*39.9-141*			
LCS Dup (6041457-BSD1)				Prepared & Analyzed: 14-Apr-26						
GRO C6-C10	227	10.0	mg/kg	200		113	78.7-123	7.36	11.3	
DRO >C10-C28	204	10.0	mg/kg	200		102	74.8-123	6.30	10.9	
Total TPH C6-C28	431	10.0	mg/kg	400		108	78.6-121	6.86	10.5	
Surrogate: 1-Chlorooctane	*56.1*		mg/kg	*50.0*		*112*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*53.9*		mg/kg	*50.0*		*108*	*39.9-141*			

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H262141

Page 1 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79701
Phone:	432-813-6823	Email:	ThielkeA@carmonaresources.com & Laci.Luig@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Federal Com 4H (12.28.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3099	Due Date:	24 HR
Project Location	Eddy County, New Mexico		
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:	140	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1°	
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	4.7°	
Total Containers:		Corrected Temperature:	4.8°	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
~~CS-31 (1.5)~~	~~4/14/2026~~	~~10:31 AM~~	~~X~~		~~Comp~~	~~1~~		~~X~~	~~X~~	~~X~~	1
CS-32 (1.5)	4/14/2026	10:33 AM	X		Comp	1		X	X	X	2
CS-33 (1.5)	4/14/2026	10:35 AM	X		Comp	1		X	X	X	3
CS-34 (1.5)	4/14/2026	10:37 AM	X		Comp	1		X	X	X	4
CS-35 (1.5)	4/14/2026	10:39 AM	X		Comp	1		X	X	X	5
CS-36 (1.5)	4/14/2026	10:41 AM	X		Comp	1		X	X	X	6
CS-37 (1.5)	4/14/2026	10:43 AM	X		Comp	1		X	X	X	7
CS-38 (1.5)	4/14/2026	10:45 AM	X		Comp	1		X	X	X	8
CS-39 (1.5)	4/14/2026	10:47 AM	X		Comp	1		X	X	X	9
CS-40 (1.5)	4/14/2026	10:50 AM	X		Comp	1		X	X	X	10

KSR 4.14.26

~~NO label~~ Sample

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

NO labels

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/14/26 1428		

Received by OCD: 4/22/2026 6:58:20 AM

Released to Imaging: 5/6/2026 4:20:08 PM

Chain of Custody

Work Order No: #262141

Page 2 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79701
Phone:	432-813-6823	Email:	ThielkeA@carmonaresources.com & Laci.Luig@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Federal Com 4H (12.28.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3099	Due Date:	24 HR
Project Location	Eddy County, New Mexico		
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:	140	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	-0.1°	
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	4.7°	
Total Containers:		Corrected Temperature:	4.8°	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-41 (1.5)	4/14/2026	10:54 AM	X		Comp	1		X	X	X	11
CS-42 (1.5)	4/14/2026	10:57 AM	X		Comp	1		X	X	X	12
CS-43 (1.5)	4/14/2026	10:59 AM	X		Comp	1		X	X	X	13
CS-44 (1.5)	4/14/2026	11:03 AM	X		Comp	1		X	X	X	14
CS-45 (1.5)	4/14/2026	11:06 AM	X		Comp	1		X	X	X	15
CS-46 (1.5)	4/14/2026	11:09 AM	X		Comp	1		X	X	X	16

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

NO labels

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4.14.26 1428	S Rodriguez	

Received by OCD: 4/22/2026 6:58:20 AM

Released to Imaging: 5/6/2026 4:20:08 PM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 15, 2026

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Enclosed are the results of analyses for samples received by the laboratory on 04/14/26 14:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:02

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW - 25 (1.5')	H262142-01	Soil	14-Apr-26 11:14	14-Apr-26 14:28
SW - 26 (1.5')	H262142-02	Soil	14-Apr-26 11:16	14-Apr-26 14:28
SW - 27 (1.5')	H262142-03	Soil	14-Apr-26 11:18	14-Apr-26 14:28
SW - 28 (1.5')	H262142-04	Soil	14-Apr-26 11:21	14-Apr-26 14:28
SW - 29 (1.5')	H262142-05	Soil	14-Apr-26 11:23	14-Apr-26 14:28
SW - 30 (1.5')	H262142-06	Soil	14-Apr-26 11:25	14-Apr-26 14:28
SW - 31 (1.5')	H262142-07	Soil	14-Apr-26 11:27	14-Apr-26 14:28
SW - 32 (1.5')	H262142-08	Soil	14-Apr-26 11:29	14-Apr-26 14:28

CASE NARRATIVE:

No labels with lot numbers on sample containers for traceability.

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:02

SW - 25 (1.5')

H262142-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	6041507	KH	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.1 %*	*70.4-141*		*6041458*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*75.0 %*	*52.4-130*		*6041457*	JF	*14-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*71.2 %*	*39.9-141*		*6041457*	JF	*14-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:02

SW - 26 (1.5')

H262142-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**144**		16.0	mg/kg	4	6041507	KH	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.5 %*	*70.4-141*		*6041458*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*91.8 %*	*52.4-130*		*6041457*	JF	*14-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*88.2 %*	*39.9-141*		*6041457*	JF	*14-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:02

SW - 27 (1.5')

H262142-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	6041507	KH	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.1 %*	*70.4-141*		*6041458*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*93.7 %*	*52.4-130*		*6041457*	JF	*14-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*89.4 %*	*39.9-141*		*6041457*	JF	*14-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:02

SW - 28 (1.5')

H262142-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	6041507	KH	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*97.4 %*	*70.4-141*		*6041458*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*82.9 %*	*52.4-130*		*6041457*	JF	*14-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.5 %*	*39.9-141*		*6041457*	JF	*14-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:02

SW - 29 (1.5')

H262142-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1090**		16.0	mg/kg	4	6041507	KH	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.7 %*	*70.4-141*		*6041458*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
DRO >C10-C28*	**30.0**		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*84.8 %*	*52.4-130*		*6041457*	JF	*14-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*80.2 %*	*39.9-141*		*6041457*	JF	*14-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:02

SW - 30 (1.5')

H262142-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**224**		16.0	mg/kg	4	6041507	KH	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.3 %*	*70.4-141*		*6041458*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041457	JF	14-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*88.9 %*	*52.4-130*		*6041457*	JF	*14-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*84.2 %*	*39.9-141*		*6041457*	JF	*14-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:02

SW - 31 (1.5')

H262142-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	6041507	KH	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.3 %*	*70.4-141*		*6041458*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041457	JF	15-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6041457	JF	15-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041457	JF	15-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*77.1 %*	*52.4-130*		*6041457*	JF	*15-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*72.3 %*	*39.9-141*		*6041457*	JF	*15-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:02

SW - 32 (1.5')

H262142-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1300**		16.0	mg/kg	4	6041507	KH	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6041458	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*97.2 %*	*70.4-141*		*6041458*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041457	JF	15-Apr-26	8015B	
DRO >C10-C28*	**20.9**		10.0	mg/kg	1	6041457	JF	15-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041457	JF	15-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*84.5 %*	*52.4-130*		*6041457*	JF	*15-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.3 %*	*39.9-141*		*6041457*	JF	*15-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:02

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041507 - 1:4 DI Water										
Blank (6041507-BLK1)				Prepared & Analyzed: 15-Apr-26						
Chloride	ND	16.0	mg/kg							
LCS (6041507-BS1)				Prepared & Analyzed: 15-Apr-26						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (6041507-BSD1)				Prepared & Analyzed: 15-Apr-26						
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:02

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041458 - Volatiles										
Blank (6041458-BLK1)				Prepared & Analyzed: 14-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*97.5*	*70.4-141*			
LCS (6041458-BS1)				Prepared & Analyzed: 14-Apr-26						
Benzene	2.10	0.050	mg/kg	2.00		105	71-111			
Toluene	2.06	0.050	mg/kg	2.00		103	75-116			
Ethylbenzene	2.07	0.050	mg/kg	2.00		103	74.2-119			
m,p-Xylene	4.22	0.100	mg/kg	4.00		106	72.5-123			
o-Xylene	2.01	0.050	mg/kg	2.00		101	70.5-124			
Total Xylenes	6.23	0.150	mg/kg	6.00		104	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0494*		mg/kg	*0.0500*		*98.7*	*70.4-141*			
LCS Dup (6041458-BSD1)				Prepared & Analyzed: 14-Apr-26						
Benzene	2.13	0.050	mg/kg	2.00		106	71-111	1.21	17.6	
Toluene	2.09	0.050	mg/kg	2.00		104	75-116	1.13	14.8	
Ethylbenzene	2.09	0.050	mg/kg	2.00		105	74.2-119	1.26	14.2	
m,p-Xylene	4.26	0.100	mg/kg	4.00		107	72.5-123	0.944	13.6	
o-Xylene	2.03	0.050	mg/kg	2.00		102	70.5-124	1.06	13.7	
Total Xylenes	6.30	0.150	mg/kg	6.00		105	72.2-123	0.981	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0490*		mg/kg	*0.0500*		*97.9*	*70.4-141*			

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:02

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041457 - General Prep - Organics										
Blank (6041457-BLK1)				Prepared & Analyzed: 14-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*49.8*		mg/kg	*50.0*		*99.5*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*47.2*		mg/kg	*50.0*		*94.4*	*39.9-141*			
LCS (6041457-BS1)				Prepared & Analyzed: 14-Apr-26						
GRO C6-C10	211	10.0	mg/kg	200		105	78.7-123			
DRO >C10-C28	192	10.0	mg/kg	200		95.8	74.8-123			
Total TPH C6-C28	402	10.0	mg/kg	400		101	78.6-121			
Surrogate: 1-Chlorooctane	*51.4*		mg/kg	*50.0*		*103*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*49.8*		mg/kg	*50.0*		*99.5*	*39.9-141*			
LCS Dup (6041457-BSD1)				Prepared & Analyzed: 14-Apr-26						
GRO C6-C10	227	10.0	mg/kg	200		113	78.7-123	7.36	11.3	
DRO >C10-C28	204	10.0	mg/kg	200		102	74.8-123	6.30	10.9	
Total TPH C6-C28	431	10.0	mg/kg	400		108	78.6-121	6.86	10.5	
Surrogate: 1-Chlorooctane	*56.1*		mg/kg	*50.0*		*112*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*53.9*		mg/kg	*50.0*		*108*	*39.9-141*			

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Page 397 of 474

Chain of Custody

Work Order No: H262142

Page 1 of 1

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79701
Phone:	432-813-6823	Email:	ThielkeA@carmonaresources.com & Laci.Luig@coterra.com

Work Order Comments

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

Project Name:	Bonnie 35 Federal Com 4H (12.28.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3099	Due Date:	24 HR
Project Location	Eddy County, New Mexico		
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	4.7
Total Containers:		Corrected Temperature:	4.8

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
SW-25 (1.5')	4/14/2026	11:14 AM	X		Comp	1		X	X	X	1
SW-26 (1.5')	4/14/2026	11:16 AM	X		Comp	1		X	X	X	2
SW-27 (1.5')	4/14/2026	11:18 AM	X		Comp	1		X	X	X	3
SW-28 (1.5')	4/14/2026	11:21 AM	X		Comp	1		X	X	X	4
SW-29 (1.5')	4/14/2026	11:23 AM	X		Comp	1		X	X	X	5
SW-30 (1.5')	4/14/2026	11:25 AM	X		Comp	1		X	X	X	6
SW-31 (1.5')	4/14/2026	11:27 AM	X		Comp	1		X	X	X	7
SW-32 (1.5')	4/14/2026	11:29 AM	X		Comp	1		X	X	X	8

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

NO labels

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/14/26 1428	S Rodriguez	

Received by OCD: 4/22/2026 6:58:20 AM

Released to Imaging: 5/6/2026 4:20:08 PM

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/16/2026 3:58:35 PM

JOB DESCRIPTION

BONNIE 35 FEDERAL COM 4H (12.28.2025)
Eddy County New Mexico

JOB NUMBER

890-9781-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 5/6/2026 4:20:08 PM

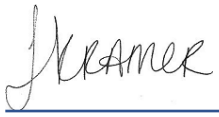
Eurofins Carlsbad

Job Notes

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

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Laboratory Job ID: 890-9781-1
SDG: Eddy County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources Job ID: 890-9781-1
Project: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1 Eurofins Carlsbad

Job Narrative
890-9781-1

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

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

Receipt
The samples were received on 4/15/2026 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS - 17 (2.75') (890-9781-1), CS - 21 (2.75') (890-9781-2), CS - 22 (2.75') (890-9781-3), CS - 23 (2.75') (890-9781-4), CS - 29 (2.75') (890-9781-5), CS - 32 (1.75') (890-9781-6), CS - 35 (1.75') (890-9781-7), CS - 38 (1.75') (890-9781-8), CS - 41 (1.75') (890-9781-9), CS - 44 (1.75') (890-9781-10) and CS - 45 (1.75') (890-9781-11).

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137940 and analytical batch 880-137931 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-137940 and analytical batch 880-137931 was outside the upper control limits.

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

Diesel Range Organics
Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137926 and analytical batch 880-137945 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 8015B NM: Surrogate recovery for the following sample was outside control limits: CS - 17 (2.75') (890-9781-1). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS - 41 (1.75') (890-9781-9). Evidence of matrix interferences is not obvious.

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

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

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 17 (2.75')

Lab Sample ID: 890-9781-1
Matrix: Solid
Date Collected: 04/15/26 14:21
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:14	04/16/26 10:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:14	04/16/26 10:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:14	04/16/26 10:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/16/26 08:14	04/16/26 10:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:14	04/16/26 10:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/16/26 08:14	04/16/26 10:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/16/26 08:14*	*04/16/26 10:56*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/16/26 08:14*	*04/16/26 10:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/16/26 10:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/16/26 09:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	50.1		mg/Kg		04/16/26 07:19	04/16/26 09:46	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/16/26 07:19	04/16/26 09:46	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/16/26 07:19	04/16/26 09:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/16/26 07:19*	*04/16/26 09:46*	*1*
o-Terphenyl (Surr)	*69*	*S1-*	*70 - 130*	*04/16/26 07:19*	*04/16/26 09:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			04/16/26 09:45	1

Client Sample ID: CS - 21 (2.75')

Lab Sample ID: 890-9781-2
Matrix: Solid
Date Collected: 04/15/26 14:24
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/16/26 08:14	04/16/26 11:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/16/26 08:14	04/16/26 11:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/16/26 08:14	04/16/26 11:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/16/26 08:14	04/16/26 11:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/16/26 08:14	04/16/26 11:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/16/26 08:14	04/16/26 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/16/26 08:14*	*04/16/26 11:16*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/16/26 08:14*	*04/16/26 11:16*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 21 (2.75')

Lab Sample ID: 890-9781-2
Matrix: Solid
Date Collected: 04/15/26 14:24
Date Received: 04/15/26 15:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/16/26 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/16/26 10:58	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		04/16/26 07:20	04/16/26 10:58	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/16/26 07:20	04/16/26 10:58	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/16/26 07:20	04/16/26 10:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*04/16/26 07:20*	*04/16/26 10:58*	*1*
o-Terphenyl (Surr)	*74*		*70 - 130*	*04/16/26 07:20*	*04/16/26 10:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			04/16/26 10:01	1

Client Sample ID: CS - 22 (2.75')

Lab Sample ID: 890-9781-3
Matrix: Solid
Date Collected: 04/15/26 14:28
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/16/26 08:14	04/16/26 11:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/16/26 08:14	04/16/26 11:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/16/26 08:14	04/16/26 11:37	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/16/26 08:14	04/16/26 11:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/16/26 08:14	04/16/26 11:37	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/16/26 08:14	04/16/26 11:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/16/26 08:14*	*04/16/26 11:37*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/16/26 08:14*	*04/16/26 11:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/16/26 11:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/16/26 11:12	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	<50.1	U	50.1		mg/Kg		04/16/26 07:20	04/16/26 11:12	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/16/26 07:20	04/16/26 11:12	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 22 (2.75')

Lab Sample ID: 890-9781-3
Matrix: Solid
Date Collected: 04/15/26 14:28
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/16/26 07:20	04/16/26 11:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/16/26 07:20*	*04/16/26 11:12*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/16/26 07:20*	*04/16/26 11:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.1**		9.92		mg/Kg			04/16/26 10:06	1

Client Sample ID: CS - 23 (2.75')

Lab Sample ID: 890-9781-4
Matrix: Solid
Date Collected: 04/15/26 14:31
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/16/26 08:14	04/16/26 11:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/16/26 08:14	04/16/26 11:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/16/26 08:14	04/16/26 11:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/16/26 08:14	04/16/26 11:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/16/26 08:14	04/16/26 11:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/16/26 08:14	04/16/26 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/16/26 08:14*	*04/16/26 11:57*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/16/26 08:14*	*04/16/26 11:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/26 11:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/16/26 11:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/16/26 07:20	04/16/26 11:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/16/26 07:20	04/16/26 11:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/16/26 07:20	04/16/26 11:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/16/26 07:20*	*04/16/26 11:27*	*1*
o-Terphenyl (Surr)	*72*		*70 - 130*	*04/16/26 07:20*	*04/16/26 11:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			04/16/26 10:11	1

Client Sample Results

Client: Carmona Resources
Job ID: 890-9781-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

Client Sample ID: CS - 29 (2.75')
Lab Sample ID: 890-9781-5
Date Collected: 04/15/26 14:35
Matrix: Solid
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:14	04/16/26 12:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:14	04/16/26 12:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:14	04/16/26 12:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/16/26 08:14	04/16/26 12:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:14	04/16/26 12:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/16/26 08:14	04/16/26 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/16/26 08:14*	*04/16/26 12:18*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/16/26 08:14*	*04/16/26 12:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/16/26 12:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/16/26 11:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/16/26 07:20	04/16/26 11:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/16/26 07:20	04/16/26 11:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/16/26 07:20	04/16/26 11:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/16/26 07:20*	*04/16/26 11:41*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*04/16/26 07:20*	*04/16/26 11:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.4**		10.0		mg/Kg			04/16/26 10:16	1

Client Sample ID: CS - 32 (1.75')
Lab Sample ID: 890-9781-6
Date Collected: 04/15/26 14:39
Matrix: Solid
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:14	04/16/26 12:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:14	04/16/26 12:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:14	04/16/26 12:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/16/26 08:14	04/16/26 12:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:14	04/16/26 12:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/16/26 08:14	04/16/26 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/16/26 08:14*	*04/16/26 12:38*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/16/26 08:14*	*04/16/26 12:38*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 32 (1.75')

Lab Sample ID: 890-9781-6
Matrix: Solid
Date Collected: 04/15/26 14:39
Date Received: 04/15/26 15:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/16/26 12:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/16/26 11:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/16/26 07:20	04/16/26 11:55	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/16/26 07:20	04/16/26 11:55	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/16/26 07:20	04/16/26 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/16/26 07:20*	*04/16/26 11:55*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/16/26 07:20*	*04/16/26 11:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.6**		10.1		mg/Kg			04/16/26 10:32	1

Client Sample ID: CS - 35 (1.75')

Lab Sample ID: 890-9781-7
Matrix: Solid
Date Collected: 04/15/26 14:42
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/16/26 08:14	04/16/26 12:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/16/26 08:14	04/16/26 12:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/16/26 08:14	04/16/26 12:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/16/26 08:14	04/16/26 12:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/16/26 08:14	04/16/26 12:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/16/26 08:14	04/16/26 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/16/26 08:14*	*04/16/26 12:58*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/16/26 08:14*	*04/16/26 12:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/16/26 12:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/16/26 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/16/26 07:20	04/16/26 12:10	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/16/26 07:20	04/16/26 12:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 35 (1.75')

Lab Sample ID: 890-9781-7
Matrix: Solid
Date Collected: 04/15/26 14:42
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/16/26 07:20	04/16/26 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*04/16/26 07:20*	*04/16/26 12:10*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*04/16/26 07:20*	*04/16/26 12:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			04/16/26 10:37	1

Client Sample ID: CS - 38 (1.75')

Lab Sample ID: 890-9781-8
Matrix: Solid
Date Collected: 04/15/26 14:45
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/16/26 08:14	04/16/26 13:19	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/16/26 08:14	04/16/26 13:19	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/16/26 08:14	04/16/26 13:19	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/16/26 08:14	04/16/26 13:19	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/16/26 08:14	04/16/26 13:19	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/16/26 08:14	04/16/26 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/16/26 08:14*	*04/16/26 13:19*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/16/26 08:14*	*04/16/26 13:19*	*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			04/16/26 13:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/16/26 12:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/16/26 07:20	04/16/26 12:24	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/16/26 07:20	04/16/26 12:24	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/16/26 07:20	04/16/26 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/16/26 07:20*	*04/16/26 12:24*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/16/26 07:20*	*04/16/26 12:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.0**		9.92		mg/Kg			04/16/26 10:43	1

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 41 (1.75')

Lab Sample ID: 890-9781-9
Matrix: Solid
Date Collected: 04/15/26 14:49
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/16/26 08:13	04/16/26 13:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/16/26 08:13	04/16/26 13:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/16/26 08:13	04/16/26 13:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/16/26 08:13	04/16/26 13:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/16/26 08:13	04/16/26 13:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/16/26 08:13	04/16/26 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/16/26 08:13*	*04/16/26 13:48*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/16/26 08:13*	*04/16/26 13:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/16/26 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/16/26 12:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/16/26 07:20	04/16/26 12:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/16/26 07:20	04/16/26 12:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/16/26 07:20	04/16/26 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*59*	*S1-*	*70 - 130*	*04/16/26 07:20*	*04/16/26 12:53*	*1*
o-Terphenyl (Surr)	*57*	*S1-*	*70 - 130*	*04/16/26 07:20*	*04/16/26 12:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			04/16/26 10:48	1

Client Sample ID: CS - 44 (1.75')

Lab Sample ID: 890-9781-10
Matrix: Solid
Date Collected: 04/15/26 14:53
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 14:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 14:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 14:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/16/26 08:13	04/16/26 14:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 14:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/16/26 08:13	04/16/26 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/16/26 08:13*	*04/16/26 14:07*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/16/26 08:13*	*04/16/26 14:07*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 44 (1.75')

Lab Sample ID: 890-9781-10
Matrix: Solid
Date Collected: 04/15/26 14:53
Date Received: 04/15/26 15:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/16/26 14:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/16/26 13:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/16/26 07:20	04/16/26 13:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/16/26 07:20	04/16/26 13:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/16/26 07:20	04/16/26 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*04/16/26 07:20*	*04/16/26 13:07*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/16/26 07:20*	*04/16/26 13:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.0**		10.0		mg/Kg			04/16/26 10:53	1

Client Sample ID: CS - 45 (1.75')

Lab Sample ID: 890-9781-11
Matrix: Solid
Date Collected: 04/15/26 14:57
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 14:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 14:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 14:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/16/26 08:13	04/16/26 14:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 14:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/16/26 08:13	04/16/26 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/16/26 08:13*	*04/16/26 14:27*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/16/26 08:13*	*04/16/26 14:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/16/26 14:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/16/26 13:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/16/26 07:20	04/16/26 13:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/16/26 07:20	04/16/26 13:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 45 (1.75')

Lab Sample ID: 890-9781-11
Matrix: Solid
Date Collected: 04/15/26 14:57
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/16/26 07:20	04/16/26 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/16/26 07:20*	*04/16/26 13:21*	*1*
o-Terphenyl (Surr)	*74*		*70 - 130*	*04/16/26 07:20*	*04/16/26 13:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/16/26 10:58	1

Surrogate Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-9778-A-1-C MS	Matrix Spike	98	99
890-9778-A-1-D MSD	Matrix Spike Duplicate	90	110
890-9781-1	CS - 17 (2.75')	105	105
890-9781-1 MS	CS - 17 (2.75')	104	102
890-9781-1 MSD	CS - 17 (2.75')	106	101
890-9781-2	CS - 21 (2.75')	102	103
890-9781-3	CS - 22 (2.75')	107	101
890-9781-4	CS - 23 (2.75')	99	101
890-9781-5	CS - 29 (2.75')	102	102
890-9781-6	CS - 32 (1.75')	103	102
890-9781-7	CS - 35 (1.75')	111	101
890-9781-8	CS - 38 (1.75')	102	102
890-9781-9	CS - 41 (1.75')	94	95
890-9781-10	CS - 44 (1.75')	112	100
890-9781-11	CS - 45 (1.75')	109	102
LCS 880-137940/1-A	Lab Control Sample	86	105
LCS 880-137941/1-A	Lab Control Sample	100	103
LCSD 880-137940/2-A	Lab Control Sample Dup	90	94
LCSD 880-137941/2-A	Lab Control Sample Dup	102	103
MB 880-137940/5-A	Method Blank	213 S1+	123
MB 880-137941/5-A	Method Blank	97	96

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9781-1	CS - 17 (2.75')	75	69 S1-
890-9781-1 MS	CS - 17 (2.75')	89	80
890-9781-1 MSD	CS - 17 (2.75')	89	80
890-9781-2	CS - 21 (2.75')	84	74
890-9781-3	CS - 22 (2.75')	81	87
890-9781-4	CS - 23 (2.75')	78	72
890-9781-5	CS - 29 (2.75')	75	80
890-9781-6	CS - 32 (1.75')	81	86
890-9781-7	CS - 35 (1.75')	86	80
890-9781-8	CS - 38 (1.75')	94	100
890-9781-9	CS - 41 (1.75')	59 S1-	57 S1-
890-9781-10	CS - 44 (1.75')	84	88
890-9781-11	CS - 45 (1.75')	75	74
LCS 880-137926/2-A	Lab Control Sample	85	89
LCSD 880-137926/3-A	Lab Control Sample Dup	82	85
MB 880-137926/1-A	Method Blank	83	92

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

Surrogate Summary

Client: Carmona Resources
Job ID: 890-9781-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-137940/5-A
Matrix: Solid
Analysis Batch: 137931

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137940

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 12:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 12:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 12:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/16/26 08:13	04/16/26 12:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 12:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/16/26 08:13	04/16/26 12:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*213*	*S1+*	*70 - 130*	*04/16/26 08:13*	*04/16/26 12:18*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*04/16/26 08:13*	*04/16/26 12:18*	*1*

Lab Sample ID: LCS 880-137940/1-A
Matrix: Solid
Analysis Batch: 137931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137940

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08672		mg/Kg		87	70 - 130		
Toluene			0.100	0.08279		mg/Kg		83	70 - 130		
Ethylbenzene			0.100	0.07220		mg/Kg		72	70 - 130		
m-Xylene & p-Xylene			0.200	0.1650		mg/Kg		83	70 - 130		
o-Xylene			0.100	0.07376		mg/Kg		74	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-137940/2-A
Matrix: Solid
Analysis Batch: 137931

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137940

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09226		mg/Kg		92	70 - 130	6	35
Toluene			0.100	0.08540		mg/Kg		85	70 - 130	3	35
Ethylbenzene			0.100	0.08586		mg/Kg		86	70 - 130	17	35
m-Xylene & p-Xylene			0.200	0.1522		mg/Kg		76	70 - 130	8	35
o-Xylene			0.100	0.08464		mg/Kg		85	70 - 130	14	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 890-9778-A-1-C MS
Matrix: Solid
Analysis Batch: 137931

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 137940

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.09471		mg/Kg		95	70 - 130		
Toluene	<0.00200	U F1	0.100	0.08210		mg/Kg		82	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9778-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137931 — **Prep Batch: 137940**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.08035		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1513		mg/Kg		76	70 - 130
o-Xylene	<0.00200	U	0.100	0.08288		mg/Kg		83	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 890-9778-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137931 — **Prep Batch: 137940**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.07714		mg/Kg		77	70 - 130	20	35
Toluene	<0.00200	U F1	0.100	0.06598	F1	mg/Kg		66	70 - 130	22	35
Ethylbenzene	<0.00200	U F1	0.100	0.06616	F1	mg/Kg		66	70 - 130	19	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1250	F1	mg/Kg		62	70 - 130	19	35
o-Xylene	<0.00200	U	0.100	0.06964		mg/Kg		70	70 - 130	17	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: MB 880-137941/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137932 — **Prep Batch: 137941**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:14	04/16/26 10:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:14	04/16/26 10:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:14	04/16/26 10:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/16/26 08:14	04/16/26 10:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:14	04/16/26 10:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/16/26 08:14	04/16/26 10:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/16/26 08:14*	*04/16/26 10:34*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/16/26 08:14*	*04/16/26 10:34*	*1*

Lab Sample ID: LCS 880-137941/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137932 — **Prep Batch: 137941**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08837		mg/Kg		88	70 - 130
Toluene	0.100	0.08506		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.09007		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1762		mg/Kg		88	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-137941/1-A
Matrix: Solid
Analysis Batch: 137932

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137941

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.09069		mg/Kg		91	70 - 130		

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

Lab Sample ID: LCSD 880-137941/2-A
Matrix: Solid
Analysis Batch: 137932

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137941

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09533		mg/Kg		95	70 - 130	8	35
Toluene			0.100	0.08906		mg/Kg		89	70 - 130	5	35
Ethylbenzene			0.100	0.09263		mg/Kg		93	70 - 130	3	35
m-Xylene & p-Xylene			0.200	0.1785		mg/Kg		89	70 - 130	1	35
o-Xylene			0.100	0.09235		mg/Kg		92	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 890-9781-1 MS
Matrix: Solid
Analysis Batch: 137932

Client Sample ID: CS - 17 (2.75')
Prep Type: Total/NA
Prep Batch: 137941

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.08649		mg/Kg		86	70 - 130		
Toluene	<0.00200	U	0.100	0.08156		mg/Kg		82	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.08454		mg/Kg		85	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1632		mg/Kg		82	70 - 130		
o-Xylene	<0.00200	U	0.100	0.08309		mg/Kg		83	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 890-9781-1 MSD
Matrix: Solid
Analysis Batch: 137932

Client Sample ID: CS - 17 (2.75')
Prep Type: Total/NA
Prep Batch: 137941

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09409		mg/Kg		94	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.08798		mg/Kg		88	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.100	0.09245		mg/Kg		92	70 - 130	9	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1768		mg/Kg		88	70 - 130	8	35
o-Xylene	<0.00200	U	0.100	0.09099		mg/Kg		91	70 - 130	9	35

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9781-1 MSD
Matrix: Solid
Analysis Batch: 137932

Client Sample ID: CS - 17 (2.75')
Prep Type: Total/NA
Prep Batch: 137941

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

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

Lab Sample ID: MB 880-137926/1-A
Matrix: Solid
Analysis Batch: 137945

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/16/26 05:18	04/16/26 06:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/16/26 05:18	04/16/26 06:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/16/26 05:18	04/16/26 06:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130	04/16/26 05:18	04/16/26 06:46	1
o-Terphenyl (Surr)	92		70 - 130	04/16/26 05:18	04/16/26 06:46	1

Lab Sample ID: LCS 880-137926/2-A
Matrix: Solid
Analysis Batch: 137945

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137926

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1002		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1211		mg/Kg		121	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	85		70 - 130
o-Terphenyl (Surr)	89		70 - 130

Lab Sample ID: LCSD 880-137926/3-A
Matrix: Solid
Analysis Batch: 137945

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137926

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	937.9		mg/Kg		94	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	1136		mg/Kg		114	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	82		70 - 130
o-Terphenyl (Surr)	85		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9781-1 MS
Matrix: Solid
Analysis Batch: 137945

Client Sample ID: CS - 17 (2.75')
Prep Type: Total/NA
Prep Batch: 137926

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	1000	598.4	F1	mg/Kg		60	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	727.6		mg/Kg		73	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*89*		*70 - 130*
o-Terphenyl (Surr)	*80*		*70 - 130*

Lab Sample ID: 890-9781-1 MSD
Matrix: Solid
Analysis Batch: 137945

Client Sample ID: CS - 17 (2.75')
Prep Type: Total/NA
Prep Batch: 137926

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	1000	608.6	F1	mg/Kg		61	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	743.8		mg/Kg		74	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*89*		*70 - 130*
o-Terphenyl (Surr)	*80*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-137928/1-A
Matrix: Solid
Analysis Batch: 137938

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/16/26 09:29	1

Lab Sample ID: LCS 880-137928/2-A
Matrix: Solid
Analysis Batch: 137938

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.4		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-137928/3-A
Matrix: Solid
Analysis Batch: 137938

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	241.1		mg/Kg		96	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9781-1 MS — **Client Sample ID: CS - 17 (2.75')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 137938

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.96	U	249	244.2		mg/Kg		95	90 - 110

Lab Sample ID: 890-9781-1 MSD — **Client Sample ID: CS - 17 (2.75')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 137938

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.96	U	249	243.1		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 890-9781-11 MS — **Client Sample ID: CS - 45 (1.75')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 137938

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.0	U	251	244.0		mg/Kg		94	90 - 110

Lab Sample ID: 890-9781-11 MSD — **Client Sample ID: CS - 45 (1.75')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 137938

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.0	U	251	242.0		mg/Kg		93	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

GC VOA

Analysis Batch: 137931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9781-9	CS - 41 (1.75')	Total/NA	Solid	8021B	137940
890-9781-10	CS - 44 (1.75')	Total/NA	Solid	8021B	137940
890-9781-11	CS - 45 (1.75')	Total/NA	Solid	8021B	137940
MB 880-137940/5-A	Method Blank	Total/NA	Solid	8021B	137940
LCS 880-137940/1-A	Lab Control Sample	Total/NA	Solid	8021B	137940
LCSD 880-137940/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137940
890-9778-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	137940
890-9778-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	137940

Analysis Batch: 137932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9781-1	CS - 17 (2.75')	Total/NA	Solid	8021B	137941
890-9781-2	CS - 21 (2.75')	Total/NA	Solid	8021B	137941
890-9781-3	CS - 22 (2.75')	Total/NA	Solid	8021B	137941
890-9781-4	CS - 23 (2.75')	Total/NA	Solid	8021B	137941
890-9781-5	CS - 29 (2.75')	Total/NA	Solid	8021B	137941
890-9781-6	CS - 32 (1.75')	Total/NA	Solid	8021B	137941
890-9781-7	CS - 35 (1.75')	Total/NA	Solid	8021B	137941
890-9781-8	CS - 38 (1.75')	Total/NA	Solid	8021B	137941
MB 880-137941/5-A	Method Blank	Total/NA	Solid	8021B	137941
LCS 880-137941/1-A	Lab Control Sample	Total/NA	Solid	8021B	137941
LCSD 880-137941/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137941
890-9781-1 MS	CS - 17 (2.75')	Total/NA	Solid	8021B	137941
890-9781-1 MSD	CS - 17 (2.75')	Total/NA	Solid	8021B	137941

Prep Batch: 137940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9781-9	CS - 41 (1.75')	Total/NA	Solid	5035	
890-9781-10	CS - 44 (1.75')	Total/NA	Solid	5035	
890-9781-11	CS - 45 (1.75')	Total/NA	Solid	5035	
MB 880-137940/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137940/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137940/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9778-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-9778-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 137941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9781-1	CS - 17 (2.75')	Total/NA	Solid	5035	
890-9781-2	CS - 21 (2.75')	Total/NA	Solid	5035	
890-9781-3	CS - 22 (2.75')	Total/NA	Solid	5035	
890-9781-4	CS - 23 (2.75')	Total/NA	Solid	5035	
890-9781-5	CS - 29 (2.75')	Total/NA	Solid	5035	
890-9781-6	CS - 32 (1.75')	Total/NA	Solid	5035	
890-9781-7	CS - 35 (1.75')	Total/NA	Solid	5035	
890-9781-8	CS - 38 (1.75')	Total/NA	Solid	5035	
MB 880-137941/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137941/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137941/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9781-1 MS	CS - 17 (2.75')	Total/NA	Solid	5035	
890-9781-1 MSD	CS - 17 (2.75')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

GC VOA

Analysis Batch: 138063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9781-1	CS - 17 (2.75')	Total/NA	Solid	Total BTEX	
890-9781-2	CS - 21 (2.75')	Total/NA	Solid	Total BTEX	
890-9781-3	CS - 22 (2.75')	Total/NA	Solid	Total BTEX	
890-9781-4	CS - 23 (2.75')	Total/NA	Solid	Total BTEX	
890-9781-5	CS - 29 (2.75')	Total/NA	Solid	Total BTEX	
890-9781-6	CS - 32 (1.75')	Total/NA	Solid	Total BTEX	
890-9781-7	CS - 35 (1.75')	Total/NA	Solid	Total BTEX	
890-9781-8	CS - 38 (1.75')	Total/NA	Solid	Total BTEX	
890-9781-9	CS - 41 (1.75')	Total/NA	Solid	Total BTEX	
890-9781-10	CS - 44 (1.75')	Total/NA	Solid	Total BTEX	
890-9781-11	CS - 45 (1.75')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 137926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9781-1	CS - 17 (2.75')	Total/NA	Solid	8015NM Prep	
890-9781-2	CS - 21 (2.75')	Total/NA	Solid	8015NM Prep	
890-9781-3	CS - 22 (2.75')	Total/NA	Solid	8015NM Prep	
890-9781-4	CS - 23 (2.75')	Total/NA	Solid	8015NM Prep	
890-9781-5	CS - 29 (2.75')	Total/NA	Solid	8015NM Prep	
890-9781-6	CS - 32 (1.75')	Total/NA	Solid	8015NM Prep	
890-9781-7	CS - 35 (1.75')	Total/NA	Solid	8015NM Prep	
890-9781-8	CS - 38 (1.75')	Total/NA	Solid	8015NM Prep	
890-9781-9	CS - 41 (1.75')	Total/NA	Solid	8015NM Prep	
890-9781-10	CS - 44 (1.75')	Total/NA	Solid	8015NM Prep	
890-9781-11	CS - 45 (1.75')	Total/NA	Solid	8015NM Prep	
MB 880-137926/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137926/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137926/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9781-1 MS	CS - 17 (2.75')	Total/NA	Solid	8015NM Prep	
890-9781-1 MSD	CS - 17 (2.75')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 137945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9781-1	CS - 17 (2.75')	Total/NA	Solid	8015B NM	137926
890-9781-2	CS - 21 (2.75')	Total/NA	Solid	8015B NM	137926
890-9781-3	CS - 22 (2.75')	Total/NA	Solid	8015B NM	137926
890-9781-4	CS - 23 (2.75')	Total/NA	Solid	8015B NM	137926
890-9781-5	CS - 29 (2.75')	Total/NA	Solid	8015B NM	137926
890-9781-6	CS - 32 (1.75')	Total/NA	Solid	8015B NM	137926
890-9781-7	CS - 35 (1.75')	Total/NA	Solid	8015B NM	137926
890-9781-8	CS - 38 (1.75')	Total/NA	Solid	8015B NM	137926
890-9781-9	CS - 41 (1.75')	Total/NA	Solid	8015B NM	137926
890-9781-10	CS - 44 (1.75')	Total/NA	Solid	8015B NM	137926
890-9781-11	CS - 45 (1.75')	Total/NA	Solid	8015B NM	137926
MB 880-137926/1-A	Method Blank	Total/NA	Solid	8015B NM	137926
LCS 880-137926/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137926
LCSD 880-137926/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137926
890-9781-1 MS	CS - 17 (2.75')	Total/NA	Solid	8015B NM	137926
890-9781-1 MSD	CS - 17 (2.75')	Total/NA	Solid	8015B NM	137926

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

GC Semi VOA

Analysis Batch: 137969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9781-1	CS - 17 (2.75')	Total/NA	Solid	8015 NM	
890-9781-2	CS - 21 (2.75')	Total/NA	Solid	8015 NM	
890-9781-3	CS - 22 (2.75')	Total/NA	Solid	8015 NM	
890-9781-4	CS - 23 (2.75')	Total/NA	Solid	8015 NM	
890-9781-5	CS - 29 (2.75')	Total/NA	Solid	8015 NM	
890-9781-6	CS - 32 (1.75')	Total/NA	Solid	8015 NM	
890-9781-7	CS - 35 (1.75')	Total/NA	Solid	8015 NM	
890-9781-8	CS - 38 (1.75')	Total/NA	Solid	8015 NM	
890-9781-9	CS - 41 (1.75')	Total/NA	Solid	8015 NM	
890-9781-10	CS - 44 (1.75')	Total/NA	Solid	8015 NM	
890-9781-11	CS - 45 (1.75')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 137928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9781-1	CS - 17 (2.75')	Soluble	Solid	DI Leach	
890-9781-2	CS - 21 (2.75')	Soluble	Solid	DI Leach	
890-9781-3	CS - 22 (2.75')	Soluble	Solid	DI Leach	
890-9781-4	CS - 23 (2.75')	Soluble	Solid	DI Leach	
890-9781-5	CS - 29 (2.75')	Soluble	Solid	DI Leach	
890-9781-6	CS - 32 (1.75')	Soluble	Solid	DI Leach	
890-9781-7	CS - 35 (1.75')	Soluble	Solid	DI Leach	
890-9781-8	CS - 38 (1.75')	Soluble	Solid	DI Leach	
890-9781-9	CS - 41 (1.75')	Soluble	Solid	DI Leach	
890-9781-10	CS - 44 (1.75')	Soluble	Solid	DI Leach	
890-9781-11	CS - 45 (1.75')	Soluble	Solid	DI Leach	
MB 880-137928/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137928/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137928/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9781-1 MS	CS - 17 (2.75')	Soluble	Solid	DI Leach	
890-9781-1 MSD	CS - 17 (2.75')	Soluble	Solid	DI Leach	
890-9781-11 MS	CS - 45 (1.75')	Soluble	Solid	DI Leach	
890-9781-11 MSD	CS - 45 (1.75')	Soluble	Solid	DI Leach	

Analysis Batch: 137938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9781-1	CS - 17 (2.75')	Soluble	Solid	300.0	137928
890-9781-2	CS - 21 (2.75')	Soluble	Solid	300.0	137928
890-9781-3	CS - 22 (2.75')	Soluble	Solid	300.0	137928
890-9781-4	CS - 23 (2.75')	Soluble	Solid	300.0	137928
890-9781-5	CS - 29 (2.75')	Soluble	Solid	300.0	137928
890-9781-6	CS - 32 (1.75')	Soluble	Solid	300.0	137928
890-9781-7	CS - 35 (1.75')	Soluble	Solid	300.0	137928
890-9781-8	CS - 38 (1.75')	Soluble	Solid	300.0	137928
890-9781-9	CS - 41 (1.75')	Soluble	Solid	300.0	137928
890-9781-10	CS - 44 (1.75')	Soluble	Solid	300.0	137928
890-9781-11	CS - 45 (1.75')	Soluble	Solid	300.0	137928
MB 880-137928/1-A	Method Blank	Soluble	Solid	300.0	137928
LCS 880-137928/2-A	Lab Control Sample	Soluble	Solid	300.0	137928
LCSD 880-137928/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137928

QC Association Summary

Client: Carmona Resources
Job ID: 890-9781-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

HPLC/IC (Continued)

Analysis Batch: 137938 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9781-1 MS	CS - 17 (2.75')	Soluble	Solid	300.0	137928
890-9781-1 MSD	CS - 17 (2.75')	Soluble	Solid	300.0	137928
890-9781-11 MS	CS - 45 (1.75')	Soluble	Solid	300.0	137928
890-9781-11 MSD	CS - 45 (1.75')	Soluble	Solid	300.0	137928

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 17 (2.75')

Lab Sample ID: 890-9781-1
Matrix: Solid
Date Collected: 04/15/26 14:21
Date Received: 04/15/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 10:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138063	04/16/26 10:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			137969	04/16/26 09:46	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	137926	04/16/26 07:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137945	04/16/26 09:46	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137928	04/16/26 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137938	04/16/26 09:45	SMC	EET MID

Client Sample ID: CS - 21 (2.75')

Lab Sample ID: 890-9781-2
Matrix: Solid
Date Collected: 04/15/26 14:24
Date Received: 04/15/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 11:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138063	04/16/26 11:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			137969	04/16/26 10:58	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137926	04/16/26 07:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137945	04/16/26 10:58	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137928	04/16/26 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137938	04/16/26 10:01	SMC	EET MID

Client Sample ID: CS - 22 (2.75')

Lab Sample ID: 890-9781-3
Matrix: Solid
Date Collected: 04/15/26 14:28
Date Received: 04/15/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 11:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138063	04/16/26 11:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			137969	04/16/26 11:12	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	137926	04/16/26 07:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137945	04/16/26 11:12	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137928	04/16/26 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137938	04/16/26 10:06	SMC	EET MID

Client Sample ID: CS - 23 (2.75')

Lab Sample ID: 890-9781-4
Matrix: Solid
Date Collected: 04/15/26 14:31
Date Received: 04/15/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 11:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138063	04/16/26 11:57	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 23 (2.75')

Lab Sample ID: 890-9781-4
Matrix: Solid
Date Collected: 04/15/26 14:31
Date Received: 04/15/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			137969	04/16/26 11:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137926	04/16/26 07:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137945	04/16/26 11:27	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137928	04/16/26 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137938	04/16/26 10:11	SMC	EET MID

Client Sample ID: CS - 29 (2.75')

Lab Sample ID: 890-9781-5
Matrix: Solid
Date Collected: 04/15/26 14:35
Date Received: 04/15/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 12:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138063	04/16/26 12:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			137969	04/16/26 11:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137926	04/16/26 07:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137945	04/16/26 11:41	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137928	04/16/26 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137938	04/16/26 10:16	SMC	EET MID

Client Sample ID: CS - 32 (1.75')

Lab Sample ID: 890-9781-6
Matrix: Solid
Date Collected: 04/15/26 14:39
Date Received: 04/15/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 12:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138063	04/16/26 12:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			137969	04/16/26 11:55	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	137926	04/16/26 07:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137945	04/16/26 11:55	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137928	04/16/26 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137938	04/16/26 10:32	SMC	EET MID

Client Sample ID: CS - 35 (1.75')

Lab Sample ID: 890-9781-7
Matrix: Solid
Date Collected: 04/15/26 14:42
Date Received: 04/15/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 12:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138063	04/16/26 12:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			137969	04/16/26 12:10	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	137926	04/16/26 07:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137945	04/16/26 12:10	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

Client Sample ID: CS - 35 (1.75')

Lab Sample ID: 890-9781-7
Matrix: Solid
Date Collected: 04/15/26 14:42
Date Received: 04/15/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	137928	04/16/26 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137938	04/16/26 10:37	SMC	EET MID

Client Sample ID: CS - 38 (1.75')

Lab Sample ID: 890-9781-8
Matrix: Solid
Date Collected: 04/15/26 14:45
Date Received: 04/15/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	137941	04/16/26 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137932	04/16/26 13:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138063	04/16/26 13:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			137969	04/16/26 12:24	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137926	04/16/26 07:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137945	04/16/26 12:24	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137928	04/16/26 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137938	04/16/26 10:43	SMC	EET MID

Client Sample ID: CS - 41 (1.75')

Lab Sample ID: 890-9781-9
Matrix: Solid
Date Collected: 04/15/26 14:49
Date Received: 04/15/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	137940	04/16/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137931	04/16/26 13:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138063	04/16/26 13:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			137969	04/16/26 12:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137926	04/16/26 07:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137945	04/16/26 12:53	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137928	04/16/26 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137938	04/16/26 10:48	SMC	EET MID

Client Sample ID: CS - 44 (1.75')

Lab Sample ID: 890-9781-10
Matrix: Solid
Date Collected: 04/15/26 14:53
Date Received: 04/15/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	137940	04/16/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137931	04/16/26 14:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138063	04/16/26 14:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			137969	04/16/26 13:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137926	04/16/26 07:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137945	04/16/26 13:07	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137928	04/16/26 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137938	04/16/26 10:53	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Job ID: 890-9781-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

Client Sample ID: CS - 45 (1.75')
Lab Sample ID: 890-9781-11
Date Collected: 04/15/26 14:57
Matrix: Solid
Date Received: 04/15/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137940	04/16/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137931	04/16/26 14:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138063	04/16/26 14:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			137969	04/16/26 13:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137926	04/16/26 07:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137945	04/16/26 13:21	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137928	04/16/26 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137938	04/16/26 10:58	SMC	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
Job ID: 890-9781-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Carmona Resources
Job ID: 890-9781-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9781-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9781-1	CS - 17 (2.75')	Solid	04/15/26 14:21	04/15/26 15:30	Texas
890-9781-2	CS - 21 (2.75')	Solid	04/15/26 14:24	04/15/26 15:30	Texas
890-9781-3	CS - 22 (2.75')	Solid	04/15/26 14:28	04/15/26 15:30	Texas
890-9781-4	CS - 23 (2.75')	Solid	04/15/26 14:31	04/15/26 15:30	Texas
890-9781-5	CS - 29 (2.75')	Solid	04/15/26 14:35	04/15/26 15:30	Texas
890-9781-6	CS - 32 (1.75')	Solid	04/15/26 14:39	04/15/26 15:30	Texas
890-9781-7	CS - 35 (1.75')	Solid	04/15/26 14:42	04/15/26 15:30	Texas
890-9781-8	CS - 38 (1.75')	Solid	04/15/26 14:45	04/15/26 15:30	Texas
890-9781-9	CS - 41 (1.75')	Solid	04/15/26 14:49	04/15/26 15:30	Texas
890-9781-10	CS - 44 (1.75')	Solid	04/15/26 14:53	04/15/26 15:30	Texas
890-9781-11	CS - 45 (1.75')	Solid	04/15/26 14:57	04/15/26 15:30	Texas

Released to Imaging: 5/6/2026 4:20:08 PM
Received by OCD: 4/22/2026 6:58:20 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79701
Phone:	432-813-6823	Email:	ThielkeA@carmonaresources.com & Laci.Luig@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Federal Com 4H (12.28.2025)	Turn Around	
Project Number:	3099	☐ Routine	☑ Rush
Project Location	Eddy County, New Mexico	Due Date:	24 HR
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	Inmaco	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.6	
Total Containers:		Corrected Temperature:	5.4	

ANALYSIS REQUEST

890-9781 Chain of Custody

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300	Sample Comments
CS-17 (2.75')	4/15/2026	2:21	X		Comp	1		X	X	X	
CS-21 (2.75')	4/15/2026	2:24	X		Comp	1		X	X	X	
CS-22 (2.75')	4/15/2026	2:28	X		Comp	1		X	X	X	
CS-23 (2.75')	4/15/2026	2:31	X		Comp	1		X	X	X	
CS-29 (2.75')	4/15/2026	2:35	X		Comp	1		X	X	X	
CS-32 (1.75')	4/15/2026	2:39	X		Comp	1		X	X	X	
CS-35 (1.75')	4/15/2026	2:42	X		Comp	1		X	X	X	
CS-38 (1.75')	4/15/2026	2:45	X		Comp	1		X	X	X	
CS-41 (1.75')	4/15/2026	2:49	X		Comp	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4/15 15 3C

Released to Imaging: 5/6/2026 4:20:08 PM
Received by OCD: 4/22/2026 6:58:20 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79701
Phone:	432-813-6823	Email:	ThielkeA@carmonaresources.com & Laci.Luig@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Federal Com 4H (12.28.2025)	Turn Around	
Project Number:	3099	☐ Routine	☑ Rush
Project Location	Eddy County, New Mexico	Due Date:	24 HR
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:		Thmo
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:		5.6
Total Containers:		Corrected Temperature:		5.4

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300
CS-44 (1.75')	4/15/2026	2:53	X		Comp	1	X	X	X
CS-45 (1.75')	4/15/2026	2:57	X		Comp	1	X	X	X

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3: HN
H_2S0_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4/15/26

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9781-1
SDG Number: Eddy County New Mexico

Login Number: 9781
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9781-1
SDG Number: Eddy County New Mexico

Login Number: 9781
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/16/26 07:45 AM

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/16/2026 3:58:48 PM

JOB DESCRIPTION

BONNIE 35 FEDERAL COM 4H (12.28.2025)
Eddy County New Mexico

JOB NUMBER

890-9783-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 5/6/2026 4:20:08 PM

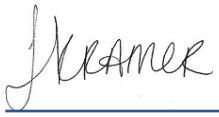
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
4/16/2026 3:58:48 PM

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

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Laboratory Job ID: 890-9783-1
SDG: Eddy County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9783-1
SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources Job ID: 890-9783-1
Project: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9783-1 Eurofins Carlsbad

Job Narrative
890-9783-1

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

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

Receipt
The samples were received on 4/15/2026 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: SW - 23 (1.5') (890-9783-1), SW - 29 (1.5') (890-9783-2) and SW - 32 (1.5') (890-9783-3).

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137940 and analytical batch 880-137931 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-137940 and analytical batch 880-137931 was outside the upper control limits.

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-137848/2-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-137943 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-137943/59).

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

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

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9783-1
SDG: Eddy County New Mexico

Client Sample ID: SW - 23 (1.5')

Lab Sample ID: 890-9783-1
Matrix: Solid
Date Collected: 04/15/26 15:02
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/16/26 08:13	04/16/26 14:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/16/26 08:13	04/16/26 14:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/16/26 08:13	04/16/26 14:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/16/26 08:13	04/16/26 14:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/16/26 08:13	04/16/26 14:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/16/26 08:13	04/16/26 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/16/26 08:13*	*04/16/26 14:48*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/16/26 08:13*	*04/16/26 14:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/16/26 14:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/16/26 14:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/15/26 13:14	04/16/26 14:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/15/26 13:14	04/16/26 14:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/15/26 13:14	04/16/26 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/15/26 13:14*	*04/16/26 14:48*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/15/26 13:14*	*04/16/26 14:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.8**		10.1		mg/Kg			04/16/26 11:14	1

Client Sample ID: SW - 29 (1.5')

Lab Sample ID: 890-9783-2
Matrix: Solid
Date Collected: 04/15/26 15:05
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/16/26 08:13	04/16/26 15:07	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/16/26 08:13	04/16/26 15:07	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/16/26 08:13	04/16/26 15:07	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/16/26 08:13	04/16/26 15:07	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/16/26 08:13	04/16/26 15:07	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/16/26 08:13	04/16/26 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/16/26 08:13*	*04/16/26 15:07*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/16/26 08:13*	*04/16/26 15:07*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9783-1
SDG: Eddy County New Mexico

Client Sample ID: SW - 29 (1.5')

Lab Sample ID: 890-9783-2
Matrix: Solid
Date Collected: 04/15/26 15:05
Date Received: 04/15/26 15:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/16/26 15:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/16/26 15:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/26 13:14	04/16/26 15:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/26 13:14	04/16/26 15:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/26 13:14	04/16/26 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/15/26 13:14*	*04/16/26 15:02*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*04/15/26 13:14*	*04/16/26 15:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.3**		9.94		mg/Kg			04/16/26 11:19	1

Client Sample ID: SW - 32 (1.5')

Lab Sample ID: 890-9783-3
Matrix: Solid
Date Collected: 04/15/26 15:08
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/16/26 08:13	04/16/26 10:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/16/26 08:13	04/16/26 10:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/16/26 08:13	04/16/26 10:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/16/26 08:13	04/16/26 10:49	1
o-Xylene	**0.00202**		0.00199		mg/Kg		04/16/26 08:13	04/16/26 10:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/16/26 08:13	04/16/26 10:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/16/26 08:13*	*04/16/26 10:49*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/16/26 08:13*	*04/16/26 10:49*	*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			04/16/26 10:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/16/26 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/15/26 13:14	04/16/26 15:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/15/26 13:14	04/16/26 15:15	1

Client Sample Results

Client: Carmona Resources
Job ID: 890-9783-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

Client Sample ID: SW - 32 (1.5')
Lab Sample ID: 890-9783-3
Date Collected: 04/15/26 15:08
Matrix: Solid
Date Received: 04/15/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/15/26 13:14	04/16/26 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/15/26 13:14*	*04/16/26 15:15*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*04/15/26 13:14*	*04/16/26 15:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			04/16/26 11:35	1

Surrogate Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9783-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-70994-A-1-F MS	Matrix Spike	91	97
880-70994-A-1-G MSD	Matrix Spike Duplicate	101	95
890-9778-A-1-C MS	Matrix Spike	98	99
890-9778-A-1-D MSD	Matrix Spike Duplicate	90	110
890-9783-1	SW - 23 (1.5')	113	96
890-9783-2	SW - 29 (1.5')	110	99
890-9783-3	SW - 32 (1.5')	107	106
LCS 880-137939/1-A	Lab Control Sample	106	98
LCS 880-137940/1-A	Lab Control Sample	86	105
LCSD 880-137939/2-A	Lab Control Sample Dup	97	96
LCSD 880-137940/2-A	Lab Control Sample Dup	90	94
MB 880-137939/5-A	Method Blank	94	95
MB 880-137940/5-A	Method Blank	213 S1+	123

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)
880-70994-A-1-B MS	Matrix Spike	114	111
880-70994-A-1-C MSD	Matrix Spike Duplicate	109	111
890-9783-1	SW - 23 (1.5')	99	100
890-9783-2	SW - 29 (1.5')	97	98
890-9783-3	SW - 32 (1.5')	93	81
LCS 880-137848/2-A	Lab Control Sample	132 S1+	132 S1+
LCSD 880-137848/3-A	Lab Control Sample Dup	123	122
MB 880-137848/1-A	Method Blank	89	92

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9783-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-137939/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137930 — **Prep Batch: 137939**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 09:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 09:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 09:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/16/26 08:13	04/16/26 09:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 09:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/16/26 08:13	04/16/26 09:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/16/26 08:13*	*04/16/26 09:25*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/16/26 08:13*	*04/16/26 09:25*	*1*

Lab Sample ID: LCS 880-137939/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137930 — **Prep Batch: 137939**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09300		mg/Kg		93	70 - 130
Toluene	0.100	0.09238		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.09178		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.1876		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09610		mg/Kg		96	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 880-137939/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137930 — **Prep Batch: 137939**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08643		mg/Kg		86	70 - 130	7	35
Toluene	0.100	0.08298		mg/Kg		83	70 - 130	11	35
Ethylbenzene	0.100	0.08069		mg/Kg		81	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.1601		mg/Kg		80	70 - 130	16	35
o-Xylene	0.100	0.08344		mg/Kg		83	70 - 130	14	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-70994-A-1-F MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137930 — **Prep Batch: 137939**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08793		mg/Kg		88	70 - 130
Toluene	<0.00200	U	0.100	0.08039		mg/Kg		80	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9783-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-70994-A-1-F MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137930 — **Prep Batch: 137939**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07423		mg/Kg		74	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1484		mg/Kg		74	70 - 130
o-Xylene	<0.00200	U	0.100	0.07269		mg/Kg		73	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-70994-A-1-G MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137930 — **Prep Batch: 137939**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08694		mg/Kg		87	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.08510		mg/Kg		85	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.100	0.08095		mg/Kg		81	70 - 130	9	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1612		mg/Kg		81	70 - 130	8	35
o-Xylene	<0.00200	U	0.100	0.08111		mg/Kg		81	70 - 130	11	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: MB 880-137940/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137931 — **Prep Batch: 137940**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 12:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 12:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 12:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/16/26 08:13	04/16/26 12:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/26 08:13	04/16/26 12:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/16/26 08:13	04/16/26 12:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*213*	*S1+*	*70 - 130*	*04/16/26 08:13*	*04/16/26 12:18*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*04/16/26 08:13*	*04/16/26 12:18*	*1*

Lab Sample ID: LCS 880-137940/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 137931 — **Prep Batch: 137940**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08672		mg/Kg		87	70 - 130
Toluene	0.100	0.08279		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.07220		mg/Kg		72	70 - 130
m-Xylene & p-Xylene	0.200	0.1650		mg/Kg		83	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9783-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-137940/1-A
Matrix: Solid
Analysis Batch: 137931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137940

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.07376		mg/Kg		74	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-137940/2-A
Matrix: Solid
Analysis Batch: 137931

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137940

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09226		mg/Kg		92	70 - 130	6	35
Toluene			0.100	0.08540		mg/Kg		85	70 - 130	3	35
Ethylbenzene			0.100	0.08586		mg/Kg		86	70 - 130	17	35
m-Xylene & p-Xylene			0.200	0.1522		mg/Kg		76	70 - 130	8	35
o-Xylene			0.100	0.08464		mg/Kg		85	70 - 130	14	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 890-9778-A-1-C MS
Matrix: Solid
Analysis Batch: 137931

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 137940

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.09471		mg/Kg		95	70 - 130		
Toluene	<0.00200	U F1	0.100	0.08210		mg/Kg		82	70 - 130		
Ethylbenzene	<0.00200	U F1	0.100	0.08035		mg/Kg		80	70 - 130		
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1513		mg/Kg		76	70 - 130		
o-Xylene	<0.00200	U	0.100	0.08288		mg/Kg		83	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 890-9778-A-1-D MSD
Matrix: Solid
Analysis Batch: 137931

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 137940

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.07714		mg/Kg		77	70 - 130	20	35
Toluene	<0.00200	U F1	0.100	0.06598	F1	mg/Kg		66	70 - 130	22	35
Ethylbenzene	<0.00200	U F1	0.100	0.06616	F1	mg/Kg		66	70 - 130	19	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1250	F1	mg/Kg		62	70 - 130	19	35
o-Xylene	<0.00200	U	0.100	0.06964		mg/Kg		70	70 - 130	17	35

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9783-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 890-9778-A-1-D MSD
Matrix: Solid
Analysis Batch: 137931

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 137940

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

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

Lab Sample ID: MB 880-137848/1-A
Matrix: Solid
Analysis Batch: 137943

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/26 13:14	04/16/26 06:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/26 13:14	04/16/26 06:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/26 13:14	04/16/26 06:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130	04/15/26 13:14	04/16/26 06:46	1
o-Terphenyl (Surr)	92		70 - 130	04/15/26 13:14	04/16/26 06:46	1

Lab Sample ID: LCS 880-137848/2-A
Matrix: Solid
Analysis Batch: 137943

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137848

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1254		mg/Kg		125	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1292		mg/Kg		129	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	132	S1+	70 - 130
o-Terphenyl (Surr)	132	S1+	70 - 130

Lab Sample ID: LCSD 880-137848/3-A
Matrix: Solid
Analysis Batch: 137943

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137848

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1212		mg/Kg		121	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1235		mg/Kg		124	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	123		70 - 130
o-Terphenyl (Surr)	122		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9783-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-70994-A-1-B MS
Matrix: Solid
Analysis Batch: 137943

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 137848

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	754.5		mg/Kg		74	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	782.2		mg/Kg		78	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*114*		*70 - 130*
o-Terphenyl (Surr)	*111*		*70 - 130*

Lab Sample ID: 880-70994-A-1-C MSD
Matrix: Solid
Analysis Batch: 137943

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 137848

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	751.3		mg/Kg		73	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	781.8		mg/Kg		78	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*109*		*70 - 130*
o-Terphenyl (Surr)	*111*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-137928/1-A
Matrix: Solid
Analysis Batch: 137938

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/16/26 09:29	1

Lab Sample ID: LCS 880-137928/2-A
Matrix: Solid
Analysis Batch: 137938

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.4		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-137928/3-A
Matrix: Solid
Analysis Batch: 137938

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	241.1		mg/Kg		96	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9783-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9781-A-11-C MS
Matrix: Solid
Analysis Batch: 137938

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<10.0	U	251	244.0		mg/Kg		94	90 - 110		

Lab Sample ID: 890-9781-A-11-D MSD
Matrix: Solid
Analysis Batch: 137938

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.0	U	251	242.0		mg/Kg		93	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9783-1
SDG: Eddy County New Mexico

GC VOA

Analysis Batch: 137930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9783-3	SW - 32 (1.5')	Total/NA	Solid	8021B	137939
MB 880-137939/5-A	Method Blank	Total/NA	Solid	8021B	137939
LCS 880-137939/1-A	Lab Control Sample	Total/NA	Solid	8021B	137939
LCSD 880-137939/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137939
880-70994-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	137939
880-70994-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	137939

Analysis Batch: 137931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9783-1	SW - 23 (1.5')	Total/NA	Solid	8021B	137940
890-9783-2	SW - 29 (1.5')	Total/NA	Solid	8021B	137940
MB 880-137940/5-A	Method Blank	Total/NA	Solid	8021B	137940
LCS 880-137940/1-A	Lab Control Sample	Total/NA	Solid	8021B	137940
LCSD 880-137940/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137940
890-9778-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	137940
890-9778-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	137940

Prep Batch: 137939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9783-3	SW - 32 (1.5')	Total/NA	Solid	5035	
MB 880-137939/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137939/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137939/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-70994-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
880-70994-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 137940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9783-1	SW - 23 (1.5')	Total/NA	Solid	5035	
890-9783-2	SW - 29 (1.5')	Total/NA	Solid	5035	
MB 880-137940/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137940/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137940/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9778-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-9778-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 138061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9783-1	SW - 23 (1.5')	Total/NA	Solid	Total BTEX	
890-9783-2	SW - 29 (1.5')	Total/NA	Solid	Total BTEX	
890-9783-3	SW - 32 (1.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 137848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9783-1	SW - 23 (1.5')	Total/NA	Solid	8015NM Prep	
890-9783-2	SW - 29 (1.5')	Total/NA	Solid	8015NM Prep	
890-9783-3	SW - 32 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-137848/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137848/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9783-1
SDG: Eddy County New Mexico

GC Semi VOA (Continued)

Prep Batch: 137848 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-137848/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-70994-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-70994-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 137943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9783-1	SW - 23 (1.5')	Total/NA	Solid	8015B NM	137848
890-9783-2	SW - 29 (1.5')	Total/NA	Solid	8015B NM	137848
890-9783-3	SW - 32 (1.5')	Total/NA	Solid	8015B NM	137848
MB 880-137848/1-A	Method Blank	Total/NA	Solid	8015B NM	137848
LCS 880-137848/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137848
LCSD 880-137848/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137848
880-70994-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	137848
880-70994-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	137848

Analysis Batch: 138051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9783-1	SW - 23 (1.5')	Total/NA	Solid	8015 NM	
890-9783-2	SW - 29 (1.5')	Total/NA	Solid	8015 NM	
890-9783-3	SW - 32 (1.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 137928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9783-1	SW - 23 (1.5')	Soluble	Solid	DI Leach	
890-9783-2	SW - 29 (1.5')	Soluble	Solid	DI Leach	
890-9783-3	SW - 32 (1.5')	Soluble	Solid	DI Leach	
MB 880-137928/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137928/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137928/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9781-A-11-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9781-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 137938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9783-1	SW - 23 (1.5')	Soluble	Solid	300.0	137928
890-9783-2	SW - 29 (1.5')	Soluble	Solid	300.0	137928
890-9783-3	SW - 32 (1.5')	Soluble	Solid	300.0	137928
MB 880-137928/1-A	Method Blank	Soluble	Solid	300.0	137928
LCS 880-137928/2-A	Lab Control Sample	Soluble	Solid	300.0	137928
LCSD 880-137928/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137928
890-9781-A-11-C MS	Matrix Spike	Soluble	Solid	300.0	137928
890-9781-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	137928

Lab Chronicle

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9783-1
SDG: Eddy County New Mexico

Client Sample ID: SW - 23 (1.5')

Date Collected: 04/15/26 15:02
Date Received: 04/15/26 15:30

Lab Sample ID: 890-9783-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	137940	04/16/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137931	04/16/26 14:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138061	04/16/26 14:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			138051	04/16/26 14:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137848	04/15/26 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137943	04/16/26 14:48	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137928	04/16/26 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137938	04/16/26 11:14	SMC	EET MID

Client Sample ID: SW - 29 (1.5')

Date Collected: 04/15/26 15:05
Date Received: 04/15/26 15:30

Lab Sample ID: 890-9783-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	137940	04/16/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137931	04/16/26 15:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138061	04/16/26 15:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			138051	04/16/26 15:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137848	04/15/26 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137943	04/16/26 15:02	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	137928	04/16/26 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137938	04/16/26 11:19	SMC	EET MID

Client Sample ID: SW - 32 (1.5')

Date Collected: 04/15/26 15:08
Date Received: 04/15/26 15:30

Lab Sample ID: 890-9783-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	137939	04/16/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137930	04/16/26 10:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138061	04/16/26 10:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			138051	04/16/26 15:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137848	04/15/26 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137943	04/16/26 15:15	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137928	04/16/26 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137938	04/16/26 11:35	SMC	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
Job ID: 890-9783-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Carmona Resources
Job ID: 890-9783-1
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)
SDG: Eddy County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Job ID: 890-9783-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9783-1	SW - 23 (1.5')	Solid	04/15/26 15:02	04/15/26 15:30	Texas
890-9783-2	SW - 29 (1.5')	Solid	04/15/26 15:05	04/15/26 15:30	Texas
890-9783-3	SW - 32 (1.5')	Solid	04/15/26 15:08	04/15/26 15:30	Texas

Released to Imaging: 5/6/2026 4:20:08 PM
Received by OCD: 4/22/2026 6:58:20 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79701
Phone:	432-813-6823	Email:	ThielkeA@carmonaresources.com & Laci.Luig@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Federal Com 4H (12.28.2025)	Turn Around	
Project Number:	3099	☐ Routine	☑ Rush
Project Location	Eddy County, New Mexico	Due Date:	24 HR
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:		Thermo	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:		5.6	
Total Containers:		Corrected Temperature:		5.4	

890-9783 Chain of Custody

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
SW-23 (1.5')	4/15/2026	3:02	X		Comp	1		X	X	X	
SW-29 (1.5')	4/15/2026	3:05	X		Comp	1		X	X	X	
SW-32 (1.5')	4/15/2026	3:08	X		Comp	1		X	X	X	

Parameters

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4/15/15

4/16/2026

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9783-1
SDG Number: Eddy County New Mexico

Login Number: 9783
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9783-1
SDG Number: Eddy County New Mexico

Login Number: 9783
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/16/26 07:45 AM

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

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 15, 2026

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: BONNIE 35 FEDERAL COM 4H (12.28.2025)

Enclosed are the results of analyses for samples received by the laboratory on 04/14/26 14:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:10

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BACKFILL SAMPLE	H262144-01	Soil	14-Apr-26 11:49	14-Apr-26 14:28

CASE NARRATIVE:

No labels with lot numbers on sample containers for traceability.

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:10

BACKFILL SAMPLE

H262144-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	6041507	KH	15-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6041472	JH	14-Apr-26	8021B	QM-07
Toluene*	<0.050		0.050	mg/kg	50	6041472	JH	14-Apr-26	8021B	QM-07
Ethylbenzene*	<0.050		0.050	mg/kg	50	6041472	JH	14-Apr-26	8021B	QM-07
Total Xylenes*	<0.150		0.150	mg/kg	50	6041472	JH	14-Apr-26	8021B	QM-07
Total BTEX	<0.300		0.300	mg/kg	50	6041472	JH	14-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*70.4-141*		*6041472*	JH	*14-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6041457	JF	15-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6041457	JF	15-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6041457	JF	15-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*89.6 %*	*52.4-130*		*6041457*	JF	*15-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*85.7 %*	*39.9-141*		*6041457*	JF	*15-Apr-26*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:10

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041507 - 1:4 DI Water										
Blank (6041507-BLK1)				Prepared & Analyzed: 15-Apr-26						
Chloride	ND	16.0	mg/kg							
LCS (6041507-BS1)				Prepared & Analyzed: 15-Apr-26						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (6041507-BSD1)				Prepared & Analyzed: 15-Apr-26						
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:10

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041472 - Volatiles										
Blank (6041472-BLK1)				Prepared & Analyzed: 14-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.104*		mg/kg	*0.100*		*104*	*70.4-141*			
LCS (6041472-BS1)				Prepared & Analyzed: 14-Apr-26						
Benzene	2.22	0.050	mg/kg	2.00		111	71-111			
Toluene	2.20	0.050	mg/kg	2.00		110	75-116			
Ethylbenzene	2.32	0.050	mg/kg	2.00		116	74.2-119			
m,p-Xylene	4.51	0.100	mg/kg	4.00		113	72.5-123			
o-Xylene	2.44	0.050	mg/kg	2.00		122	70.5-124			
Total Xylenes	6.96	0.150	mg/kg	6.00		116	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.109*		mg/kg	*0.100*		*109*	*70.4-141*			
LCS Dup (6041472-BSD1)				Prepared & Analyzed: 14-Apr-26						
Benzene	2.23	0.050	mg/kg	2.00		112	71-111	0.613	17.6	BS-3
Toluene	2.11	0.050	mg/kg	2.00		105	75-116	4.50	14.8	
Ethylbenzene	2.14	0.050	mg/kg	2.00		107	74.2-119	8.14	14.2	
m,p-Xylene	4.15	0.100	mg/kg	4.00		104	72.5-123	8.36	13.6	
o-Xylene	2.19	0.050	mg/kg	2.00		110	70.5-124	10.8	13.7	
Total Xylenes	6.35	0.150	mg/kg	6.00		106	72.2-123	9.19	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0981*		mg/kg	*0.100*		*98.1*	*70.4-141*			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: BONNIE 35 FEDERAL COM 4H (12. Project Number: 3099 Project Manager: ASHTON THIELKE Fax To:	Reported: 15-Apr-26 13:10

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6041457 - General Prep - Organics										
Blank (6041457-BLK1)				Prepared & Analyzed: 14-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*49.8*		mg/kg	*50.0*		*99.5*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*47.2*		mg/kg	*50.0*		*94.4*	*39.9-141*			
LCS (6041457-BS1)				Prepared & Analyzed: 14-Apr-26						
GRO C6-C10	211	10.0	mg/kg	200		105	78.7-123			
DRO >C10-C28	192	10.0	mg/kg	200		95.8	74.8-123			
Total TPH C6-C28	402	10.0	mg/kg	400		101	78.6-121			
Surrogate: 1-Chlorooctane	*51.4*		mg/kg	*50.0*		*103*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*49.8*		mg/kg	*50.0*		*99.5*	*39.9-141*			
LCS Dup (6041457-BSD1)				Prepared & Analyzed: 14-Apr-26						
GRO C6-C10	227	10.0	mg/kg	200		113	78.7-123	7.36	11.3	
DRO >C10-C28	204	10.0	mg/kg	200		102	74.8-123	6.30	10.9	
Total TPH C6-C28	431	10.0	mg/kg	400		108	78.6-121	6.86	10.5	
Surrogate: 1-Chlorooctane	*56.1*		mg/kg	*50.0*		*112*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*53.9*		mg/kg	*50.0*		*108*	*39.9-141*			

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Chain of Custody

Work Order No: H262144

Page 1 of 1

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79701
Phone:	432-813-6823	Email:	ThielkeA@carmonaresources.com & Laci.Luig@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Bonnie 35 Federal Com 4H (12.28.2025)	Turn Around	☐ Routine ☑ Rush
Project Number:	3099	Due Date:	24 HR
Project Location	Eddy County, New Mexico		
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:		140
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:		+0.1
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:		4.7
Total Containers:		Corrected Temperature:		4.8

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500
Backfill Sample	4/14/2026	11:49 AM	X		Comp	1	X	X	X

Parameters / Pres. Code

ANALYSIS REQUEST

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

1

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4-14-26 1428		

Received by OCD: 4/22/2026 6:58:20 AM

Released to Imaging: 5/6/2026 4:20:08 PM

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 578004
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2536451498**
Incident Name	**NAPP2536451498 BONNIE 35 FEDERAL COM 4H @ O-35-25S-26E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source *Please answer all the questions in this group.*	
Site Name	BONNIE 35 FEDERAL COM 4H
Date Release Discovered	12/28/2025
Surface Owner	Federal

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	Cause: Corrosion | Dump Line | Crude Oil | Released: 2 BBL | Recovered: 2 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion | Dump Line | Produced Water | Released: 37 BBL | Recovered: 16 BBL | Lost: 21 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	We had a Produced water spill at the Bonnie 35 Federal Com 4H. A weld on the 90 on the water dump line washed out due to corrosion. It resulted in a spill of 37 bbls of produced water and 2 bbls of oil. We recovered 18 bbls. An assessment Has already bein completed as of 2/15/2026. Facility deconstruction and spill remediation pending.

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QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 578004
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

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

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

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 04/22/2026

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QUESTIONS (continued)

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QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission		Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated		Yes
Was this release entirely contained within a lined containment area		No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 Cl B)	2980
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	6220
GRO+DRO	(EPA SW-846 Method 8015M)	5990
BTEX	(EPA SW-846 Method 8021B or 8260B)	150
Benzene	(EPA SW-846 Method 8021B or 8260B)	7.7
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence		03/30/2026
On what date will (or did) the final sampling or liner inspection occur		04/15/2026
On what date will (or was) the remediation complete(d)		04/20/2026
What is the estimated surface area (in square feet) that will be reclaimed		0
What is the estimated volume (in cubic yards) that will be reclaimed		0
What is the estimated surface area (in square feet) that will be remediated		8730
What is the estimated volume (in cubic yards) that will be remediated		930
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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QUESTIONS (continued)

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	Action Number: 578004
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 04/22/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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QUESTIONS

Deferral Requests Only *Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.*	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**573701**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/15/2026**
What was the (estimated) number of samples that were to be gathered	**60**
What was the sampling surface area in square feet	**8500**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	8730
What was the total volume (cubic yards) remediated	930
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Contamination from the release was found under the containment. The containment and equipment was removed from the area surrounding the separator. The entire area was dug out to remove all contaminated soil. Additional soil was removed following sample results from the lab. Once all lab results showed the removal of all contamination, the entire area was backfilled with locally sourced caliche to rebuild the area under the containment.

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 04/22/2026

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QUESTIONS (continued)

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QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

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	Action Number: 578004
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure approved.	5/6/2026
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	5/6/2026
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	5/6/2026
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	5/6/2026
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	5/6/2026
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	5/6/2026