



Reclamation Variance Request
Deep Elem 4 Fed Com CTB Lay Flat Line – Release 2
EOG Resources, Inc.
Incident Number nAPP2509855019
Eddy County, New Mexico

September 2, 2026

Pursuant to 19.15.29.14.A. NMAC, an operator may request a variance from reclamation requirements where full reclamation is not practicable due to continued operational necessity. The subject lease road is currently active and in continuous use for the operation and maintenance of nearby oil and gas operations. All confirmation soil samples were in compliance with the reclamation requirements and all other disturbed areas have been reseeded. During road abandonment, reclamation will be addressed. EOG respectfully requests approval of this variance from reclamation of the active lease road traversing through the Site.

EOG believes this variance request is equally protective of human health, the environment and groundwater. As such, EOG respectfully requests closure of the below included *Closure Report* and a status update to "Reclamation Report Approved, pending Re-Vegetation" for Incident Number nAPP2509855019.

If you have any questions or comments, please contact the undersigned.

Sincerely,
EOG Resources, Inc.

A handwritten signature in cursive script that reads "Hadlie Stout".

Hadlie Stout
(346) 324-7612
Hadlie_Stout@eogresources.com
Environmental Representative II

A handwritten signature in cursive script that reads "Tracy Hillard".

Tracy Hillard
(432) 701-8278
Tracy_Hillard@eogresources.com
Environmental Representative

CARMONA RESOURCES



SITE INFORMATION

Closure Report

Deep Elem 4 Fed Com CTB Lay Flat Line – Release 2

Eddy County, New Mexico

Incident ID: nAPP2509855019

Unit C Sec 09 T26S R31E

32.064950°, -103.783756°

Produced Water Release

Point of Release: Lay Flat Line Strike

Release Date: 03/26/2025

Volume Released: 786 Barrels of Produced Water

Volume Recovered: 320 Barrels of Produced Water

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Prepared for:

EOG Resources, Inc

5509 Champions Dr.

Midland, TX 79706

Prepared by:

Carmona Resources, LLC

310 West Wall Street

Suite 500

Midland, Texas 79701

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

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August 27, 2026

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

Re: Closure Report
Deep Elem 4 Fed Com CTB Lay Flat Line – Release 2
EOG Resources, Inc
Incident ID: nAPP2509855019
Site Location: Unit C, S09, T26S, R31E
(Lat 32.064950°, Long -103.783756°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of EOG Resources, Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site activities for the Deep Elem 4 Fed Com CTB Lay Flat Line – Release 2. The site is located at 32.064950°, -103.783756° within Unit C, S09, T26S, R31E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release and initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on March 26, 2025, caused by human error on a lay flat line. It resulted in the release of seven hundred eighty-six (786) barrels of produced water, with three hundred twenty (320) barrels of produced water being recovered. Refer to Figure 3. The Notification of Release and initial C-141 forms are attached in Appendix C.

The NMOCD granted an extension to EOG on September 22, 2025, to ensure all proper safety protocols are in place to complete sampling assessments and submit the work plan. Please see Appendix C for correspondence.

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 located approximately 0.76 miles southeast of the site in S10, T26S, R31E, and was drilled in 1998. The well has a reported depth to groundwater of 275.49' below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.

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Midland, Texas 79701
432.813.1992



- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

4.0 Site Assessment Activities

Trenching Assessment

On July 16, 2025, Carmona Resources, LLC performed a trenching site assessment to evaluate soil impacts stemming from the release. A total of thirteen (13) trenches (T-1 through T-13) and twelve (12) horizontal sample points (H-1 through H-12) were advanced to depths ranging from the surface to 7' bgs within the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. 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 4500. The laboratory reports, including analytical methods, results, and chain of custody documents, are attached in Appendix E.

See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel were on site to collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via the NMOCD Portal from July 28, 2026, to July 31, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of two hundred sixty-four (264) floor confirmation samples were collected (CS-1 through CS-264), and sixty (60) sidewall samples (SW-1 through SW-60) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples met 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 pit sample was analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

Approximately 8,575 cubic yards of material were excavated and transported offsite for proper disposal.

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432.813.1992

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6.0 Reclamation Activities

On August 24, 2026, the backfilled areas were seeded via seed drill and tractor with the appropriate pounds of pure live seed per acre. The topsoil was raked onto the seed to aid the vegetation process. After seeding, the area was watered in. The seed mixture used was the BLM Seed Mixture #2. Approximately 64,793 square feet of material were reclaimed onsite.

Site inspections will assess the revegetation progress and evaluate the site for primary or secondary noxious weeds. If noxious weeds are identified, the BLM will be contacted to determine an effective eradication method. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate. See Appendix F for the soil survey and map and Figure 5 for the reclamation areas.

7.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

Conner Moehring
Environmental Manager

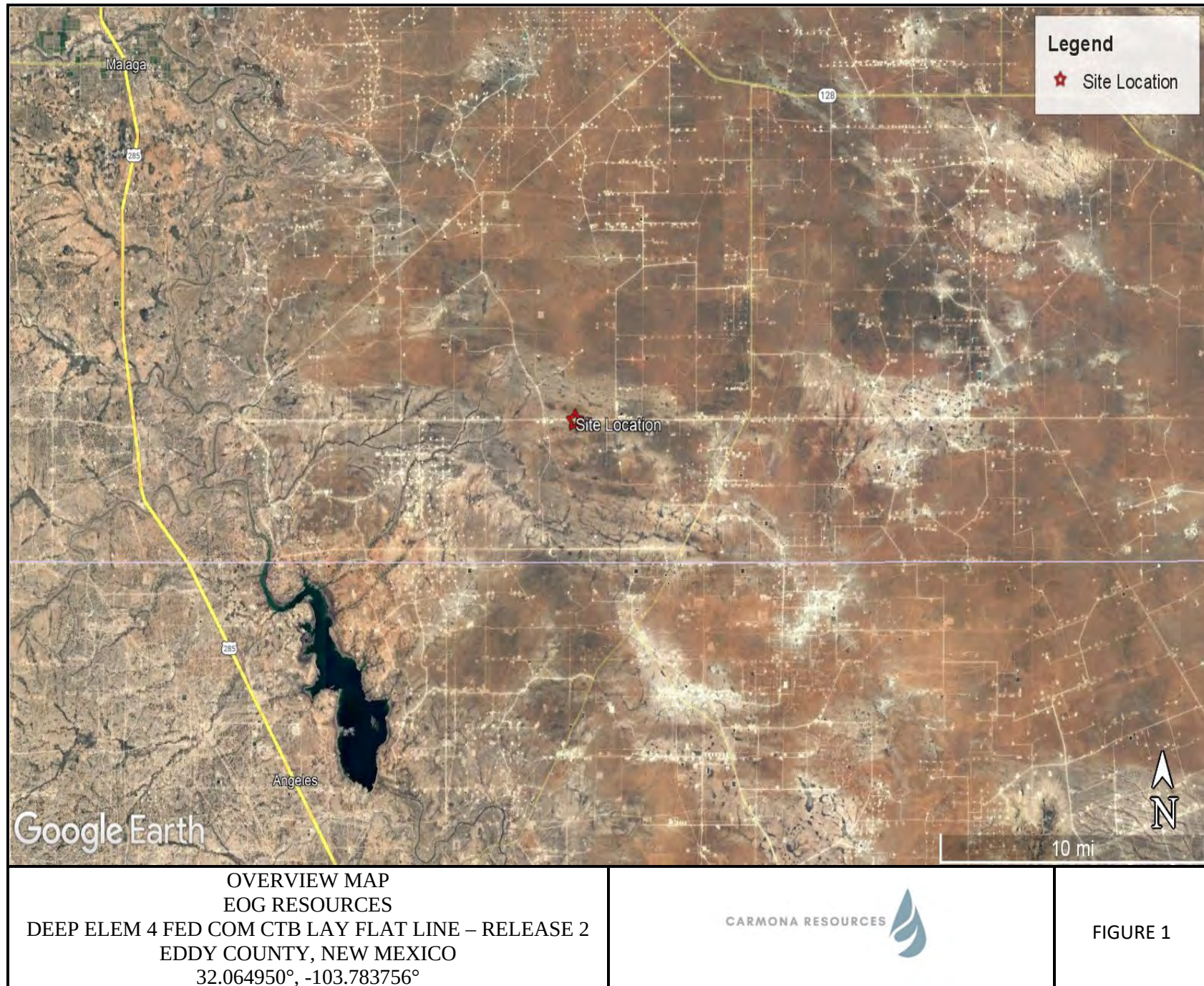
Stephen Reyes
Environmental Engineer

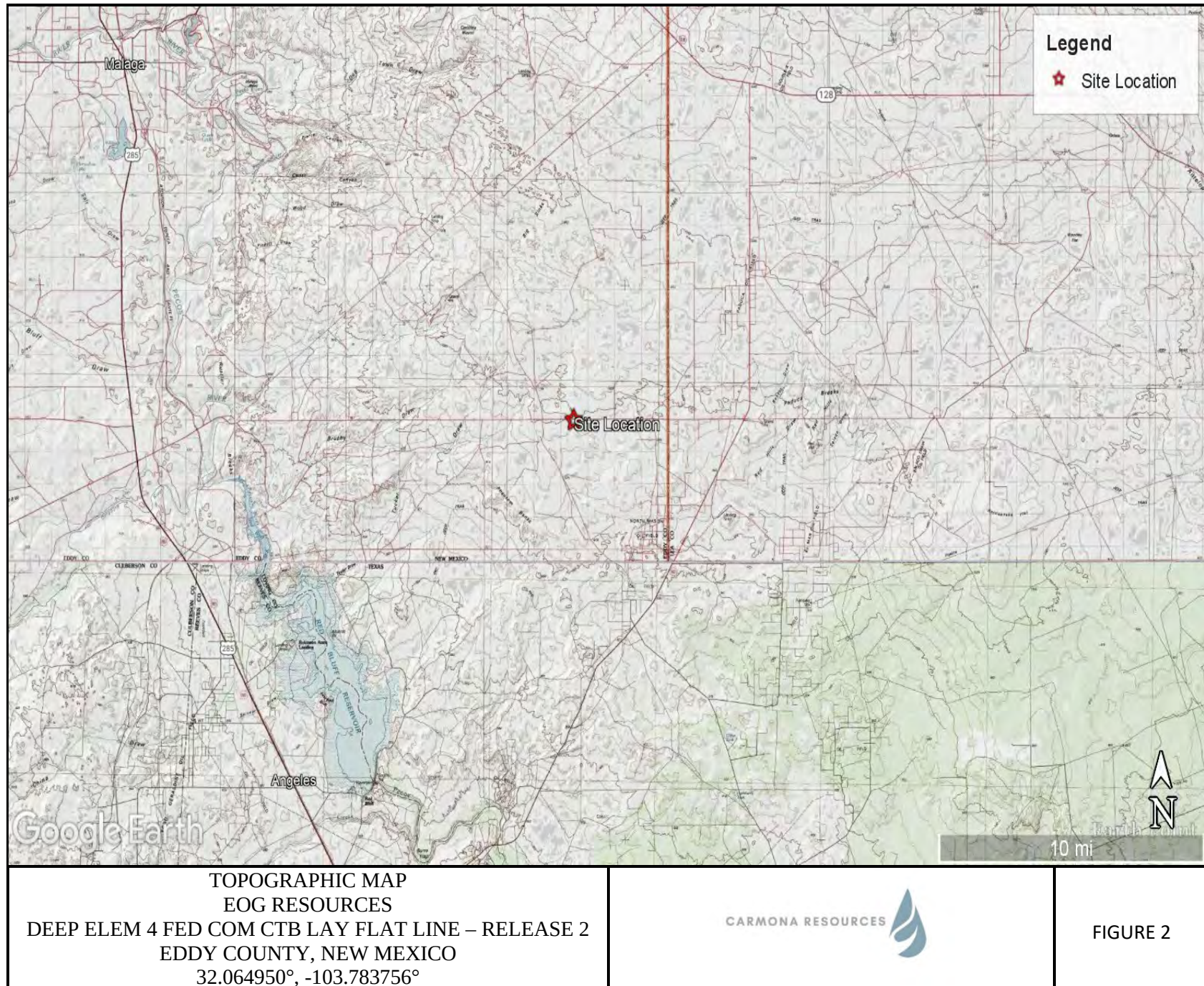
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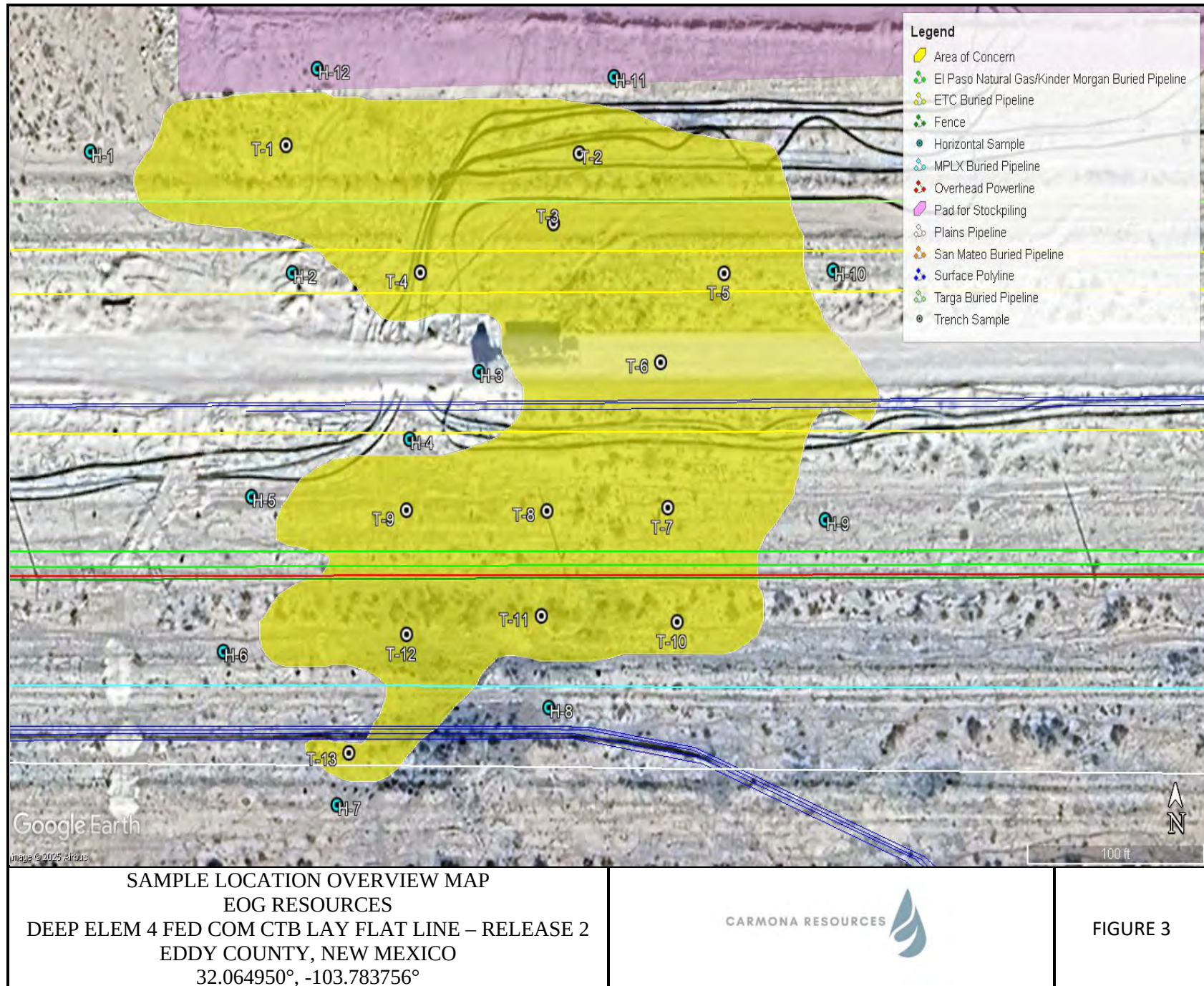
FIGURES

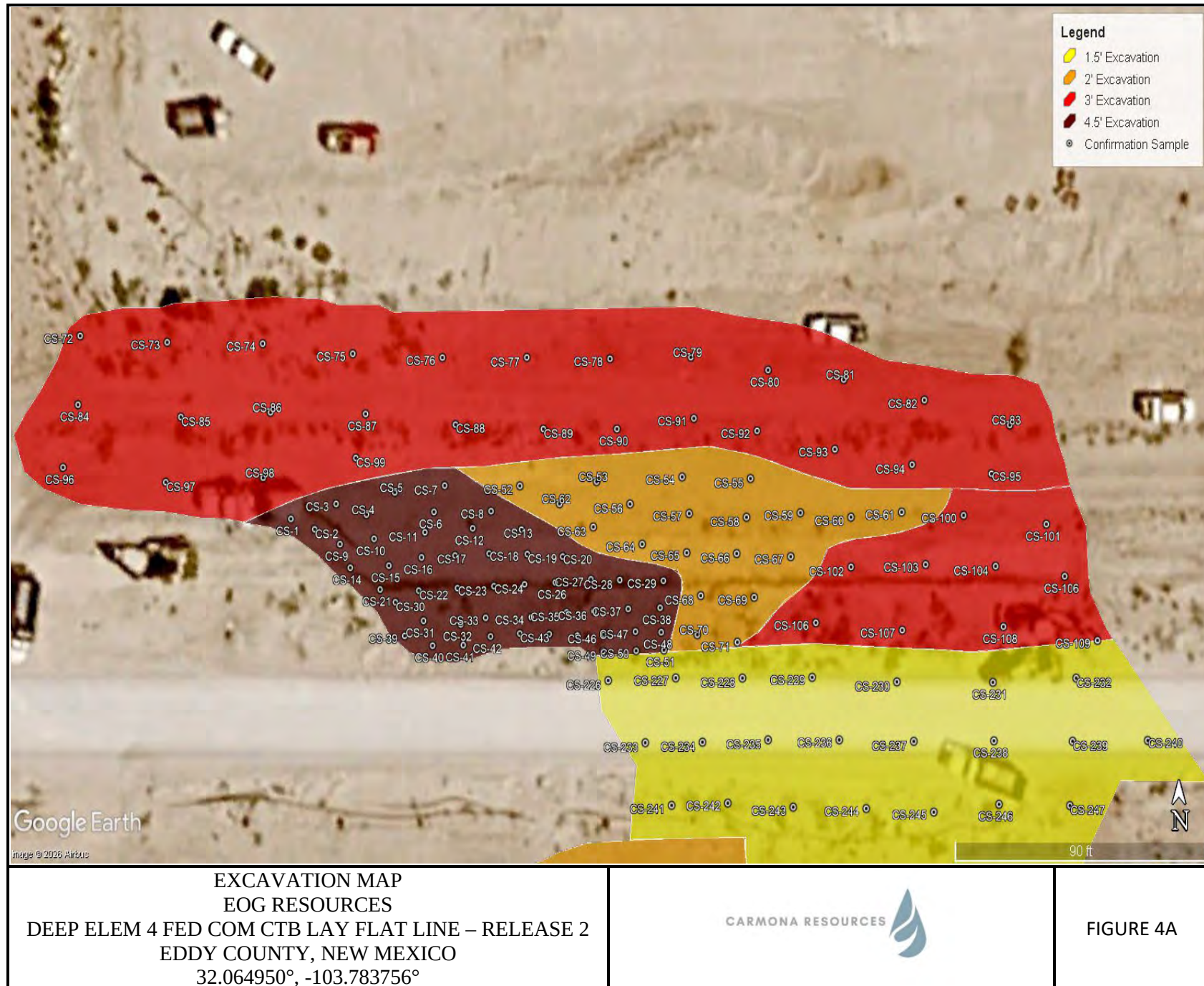
CARMONA RESOURCES

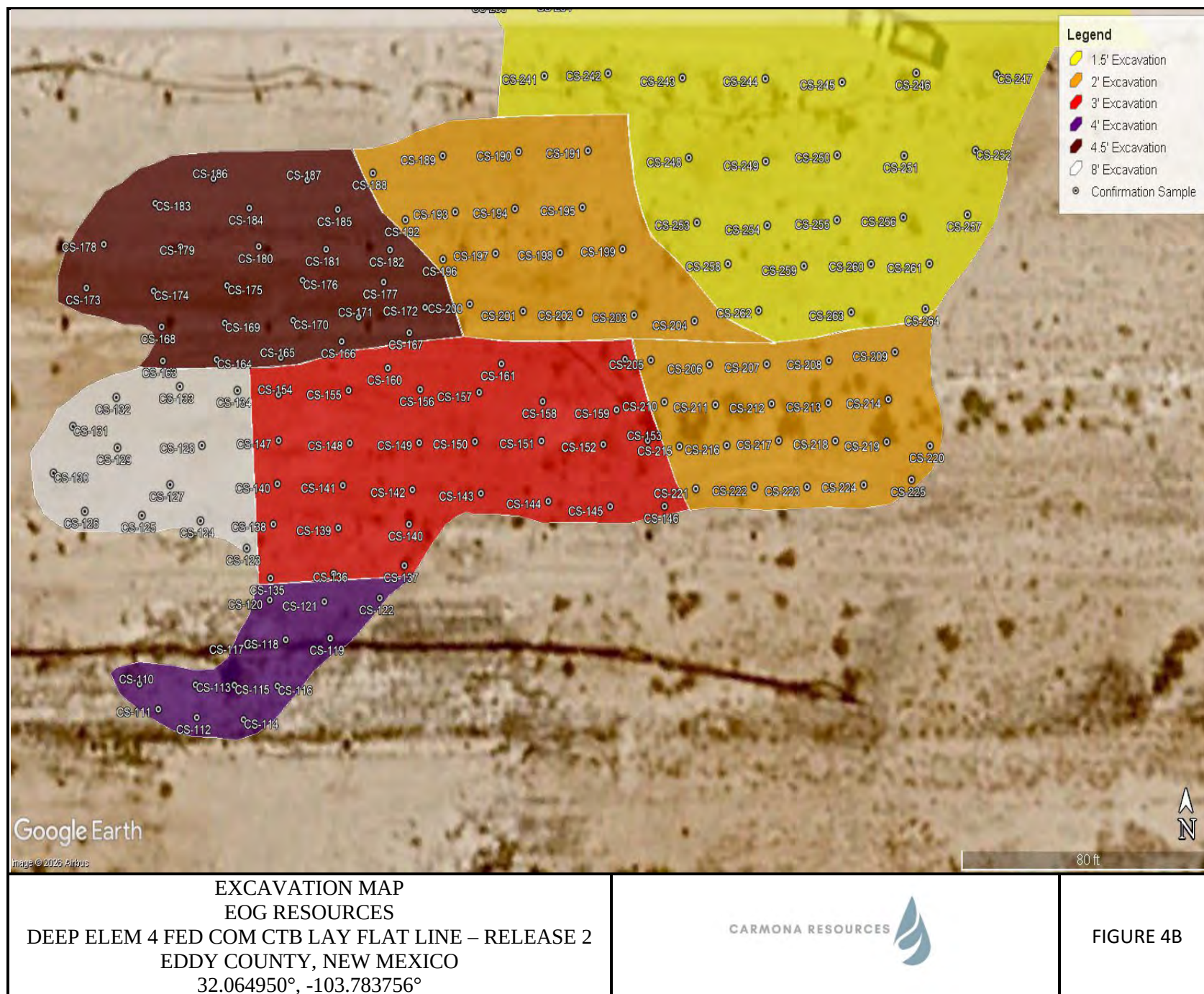


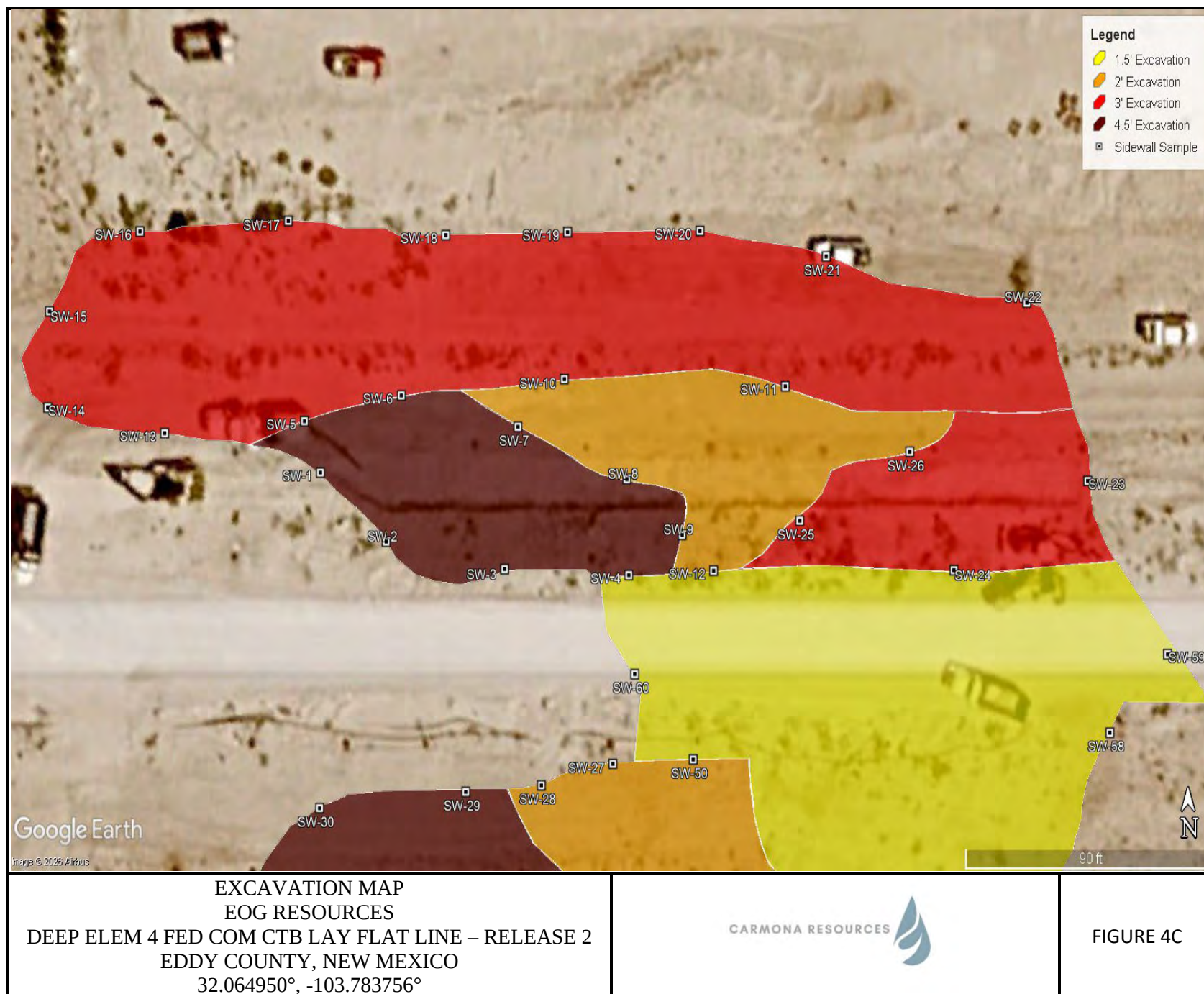


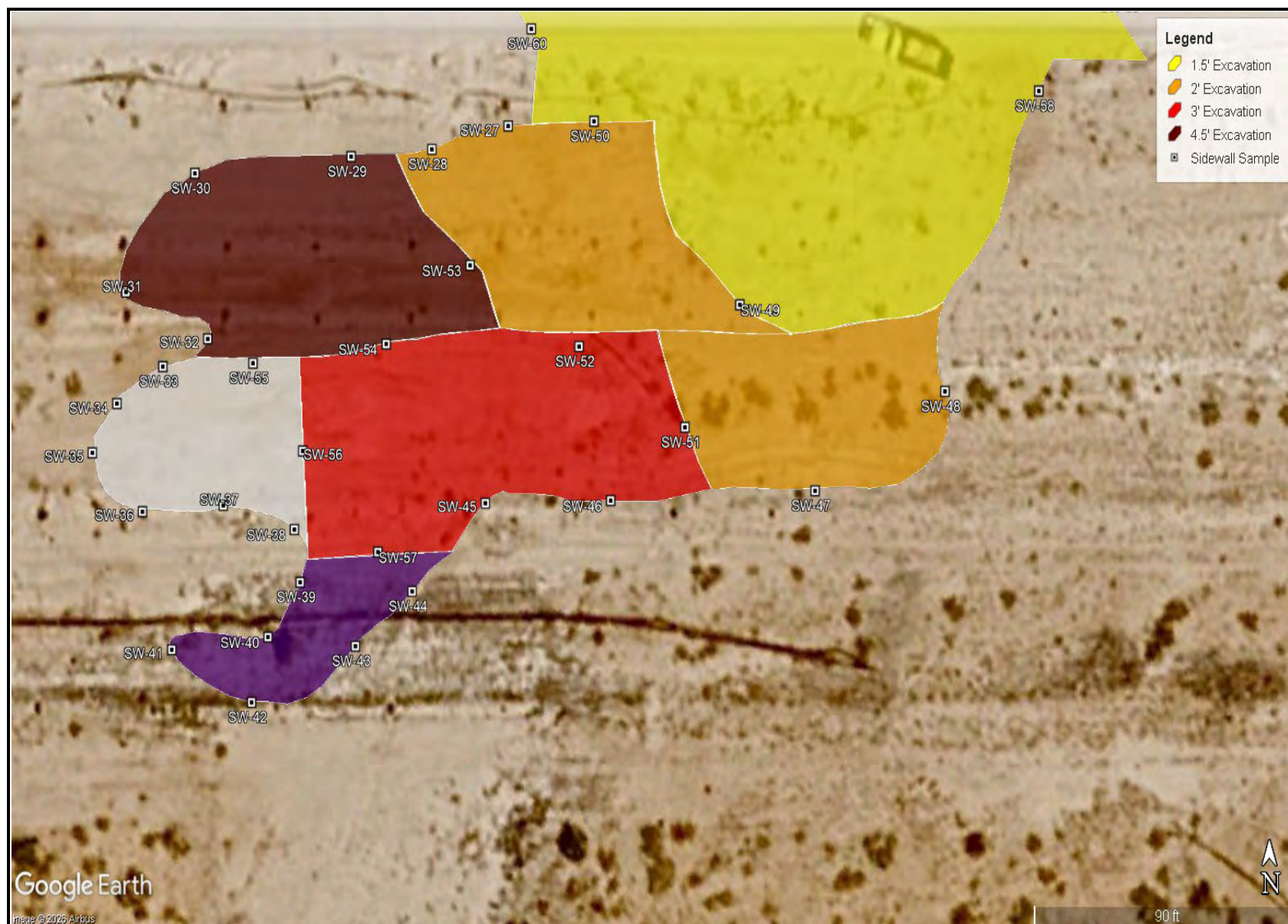








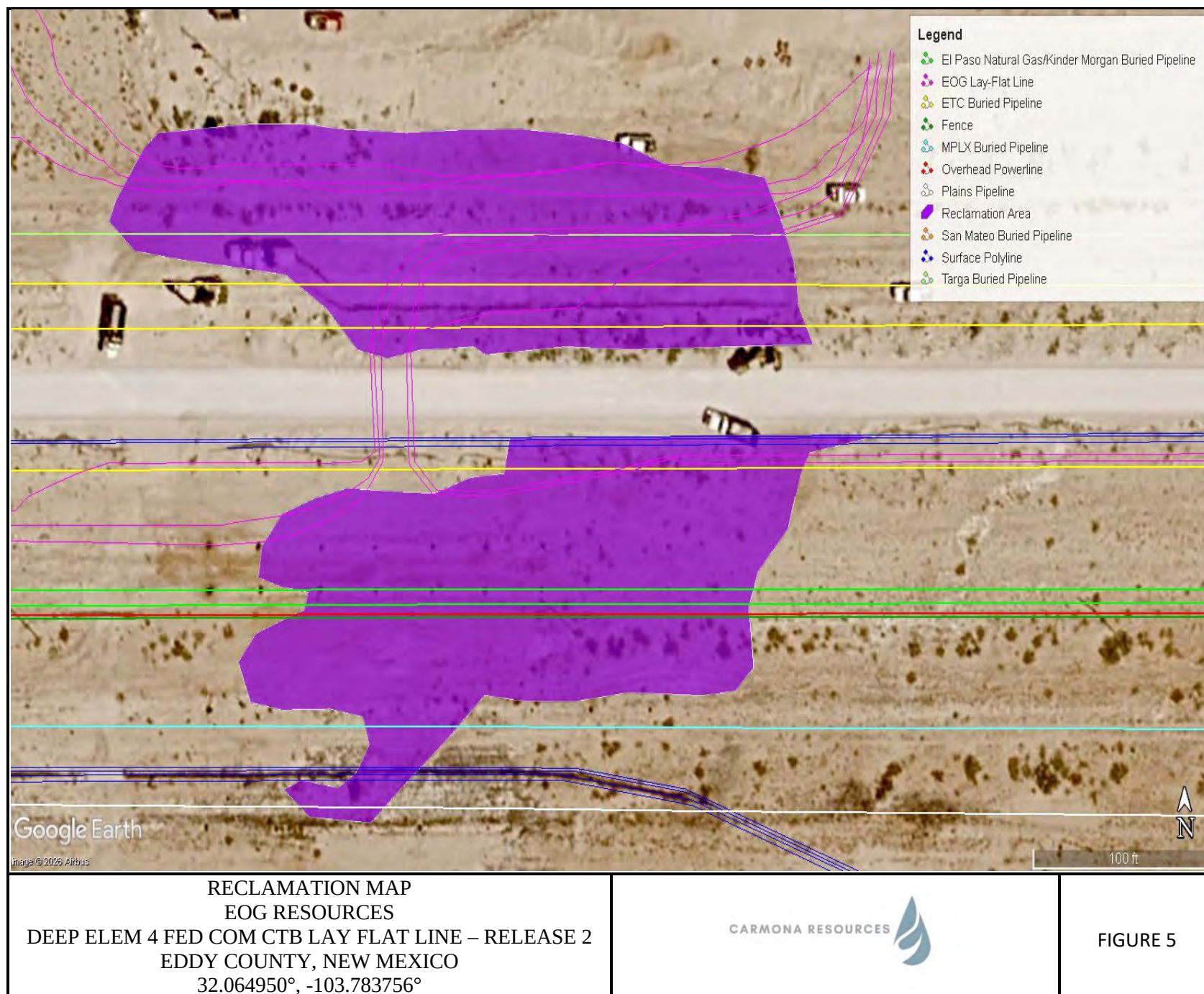




EXCAVATION MAP
EOG RESOURCES
DEEP ELEM 4 FED COM CTB LAY FLAT LINE – RELEASE 2
EDDY COUNTY, NEW MEXICO
32.064950°, -103.783756°



FIGURE 4D



APPENDIX A

CARMONA RESOURCES



Table 1
EOG Resources
Deep Elem Spill (03.26.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-1	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	720
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	688
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	720
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
T-2	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	768
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	720
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	944
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
T-3	7/16/2025	0-1	<10.0	146	34.6	180.6	<0.050	<0.050	<0.050	<0.150	<0.300	592
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	688
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	576
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
T-4	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	736
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	544
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	576
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	656
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	864
T-5	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	720
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	864
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	736
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
T-6	7/16/2025	0-1	<10.0	93.4	33.5	126.9	<0.050	<0.050	<0.050	<0.150	<0.300	432
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
T-7	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	640
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	4.0	<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

(T) Trench Sample

 Removed

Table 1
EOG Resources
Deep Elem Spill (03.26.25)
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						
T-8	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,620
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,630
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
T-9	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,260
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,760
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,340
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,310
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	784
T-10	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,100
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,060
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
T-11	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,040
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	912
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	928
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
T-12	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,040
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,200
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,400
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,600
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,200
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,600
	"	6.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,040
T-13	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,680
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,650
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	640
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	960
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

Removed

^A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet

(T) Trench Sample

Removed

Table 1
EOG Resources
Deep Elem Spill (03.26.25)
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	3/26/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-2	3/26/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-3	3/26/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-4	3/26/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-5	3/26/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-6	3/26/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-7	3/26/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-8	3/26/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-9	3/26/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-10	3/26/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-11	3/26/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-12	3/26/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
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

(H) Horizontal Sample

Table 2
EOG Resources
Deep Elem Spill (03.26.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-2	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-3	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-4	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-5	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-6	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-7	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-8	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-9	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-10	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-11	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-12	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-13	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-14	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-15	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-16	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-17	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-18	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-19	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-20	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-21	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-22	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-23	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-24	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-25	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
EOG Resources
Deep Elem Spill (03.26.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-26	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-27	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-28	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-29	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-30	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-31	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-32	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-33	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-34	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-35	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-36	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-37	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-38	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-39	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-40	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-41	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-42	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-43	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-44	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-45	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-46	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-47	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-48	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	704
	8/4/2026	5.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-49	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528
CS-50	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	560
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
EOG Resources
Deep Elem Spill (03.26.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-51	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	608
	8/4/2026	5.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-52	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	592
CS-53	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-54	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	512
CS-55	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	656
	8/4/2026	2.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-56	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	736
	8/4/2026	2.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-57	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	624
	8/4/2026	2.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-58	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	624
	8/4/2026	2.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
CS-59	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	672
	8/4/2026	2.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
CS-60	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	640
	8/4/2026	2.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-61	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496
CS-62	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	784
	8/4/2026	2.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-63	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	544
CS-64	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528
CS-65	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-66	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	592
CS-67	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-68	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
CS-69	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528
CS-70	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	576
CS-71	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-72	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-73	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-74	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-75	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
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
EOG Resources
Deep Elem Spill (03.26.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-76	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-77	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-78	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-79	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-80	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-81	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-82	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-83	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-84	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-85	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-86	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-87	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-88	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
CS-89	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-90	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-91	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-92	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
CS-93	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-94	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-95	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-96	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
CS-97	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-98	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-99	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-100	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
EOG Resources
Deep Elem Spill (03.26.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-101	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-102	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-103	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-104	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
CS-105	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-106	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-107	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-108	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-109	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-110	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-111	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-112	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
CS-113	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-114	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-115	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-116	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-117	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-118	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-119	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-120	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-121	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-122	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-123	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-124	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-125	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
EOG Resources
Deep Elem Spill (03.26.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-126	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-127	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-128	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-129	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-130	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-131	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-132	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-133	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-134	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-135	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	576
CS-136	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-137	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-138	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-139	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-140	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-141	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496
CS-142	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-143	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
CS-144	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-145	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	512
CS-146	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
CS-147	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-148	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
CS-149	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-150	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
EOG Resources
Deep Elem Spill (03.26.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-151	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-152	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-153	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-154	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-155	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-156	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-157	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-158	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-159	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-160	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-161	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-162	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-163	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-164	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-165	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-166	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-167	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-168	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-169	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-170	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-171	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-172	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-173	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-174	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-175	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
EOG Resources
Deep Elem Spill (03.26.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-176	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-177	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-178	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-179	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-180	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-181	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-182	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-183	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-184	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-185	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-186	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-187	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
CS-188	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-189	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-190	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-191	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-192	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-193	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-194	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-195	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-196	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-197	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-198	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-199	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-200	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
EOG Resources
Deep Elem Spill (03.26.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-201	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-202	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-203	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-204	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-205	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-206	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-207	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-208	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-209	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-210	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-211	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-212	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-213	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-214	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-215	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-216	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-217	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-218	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-219	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-220	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-221	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-222	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-223	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-224	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496
CS-225	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
EOG Resources
Deep Elem Spill (03.26.25)
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-226	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-227	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-228	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
CS-229	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	512
CS-230	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
CS-231	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	560
CS-232	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
CS-233	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528
CS-234	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496
CS-235	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496
CS-236	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-237	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
CS-238	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
CS-239	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
CS-240	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-241	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496
CS-242	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
CS-243	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-244	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-245	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-246	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-247	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
CS-248	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-249	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-250	8/7/2026	1.5'	<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

(CS) Confirmation Sample

Table 2
EOG Resources
Deep Elem Spill (03.26.25)
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-251	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-252	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-253	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-254	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-255	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-256	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-257	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-258	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-259	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-260	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-261	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-262	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-263	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-264	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
EOG Resources
Deep Elem Spill (03.26.25)
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	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
SW-2	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
SW-3	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
SW-4	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
SW-5	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
SW-6	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
SW-7	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
SW-8	7/31/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
SW-9	7/31/2026	2.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
SW-10	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
SW-11	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
SW-12	7/31/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
SW-13	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
SW-14	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
SW-15	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
SW-16	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
SW-17	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
SW-18	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
SW-19	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
SW-20	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
SW-21	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
SW-22	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-23	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
SW-24	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
SW-25	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
SW-26	8/4/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
SW-27	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
SW-28	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
SW-29	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-30	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
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
EOG Resources
Deep Elem Spill (03.26.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-31	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-32	8/6/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
SW-33	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
SW-34	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-35	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-36	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-37	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-38	8/6/2026	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
SW-39	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-40	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
SW-41	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
SW-42	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-43	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-44	8/6/2026	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-45	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
SW-46	8/6/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-47	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
SW-48	8/6/2026	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
SW-49	8/6/2026	0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
SW-50	8/6/2026	0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
SW-51	8/6/2026	1.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
SW-52	8/6/2026	1.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-53	8/6/2026	2.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-54	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
SW-55	8/6/2026	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
SW-56	8/6/2026	5.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-57	8/6/2026	1.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
SW-58	8/6/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	544
SW-59	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-60	8/7/2026	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
BackFill	4/16/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
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

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 1

Facility: Deep Elem 4 Fed Com CTB Lay
Flat Line - Release 2

County: Eddy County, New Mexico

Description:

View West, area of concern.

**Photograph No. 2**

Facility: Deep Elem 4 Fed Com CTB Lay
Flat Line - Release 2

County: Eddy County, New Mexico

Description:

View South, area of concern.

**Photograph No. 3**

Facility: Deep Elem 4 Fed Com CTB Lay
Flat Line - Release 2

County: Eddy County, New Mexico

Description:

View East, area of concern.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 4

Facility: Deep Elem 4 Fed Com CTB Lay
Flat Line - Release 2

County: Eddy County, New Mexico

Description:

View Southeast, area of concern.

**Photograph No. 5**

Facility: Deep Elem 4 Fed Com CTB Lay
Flat Line - Release 2

County: Eddy County, New Mexico

Description:

View South, area of concern.

**Photograph No. 6**

Facility: Deep Elem 4 Fed Com CTB Lay
Flat Line - Release 2

County: Eddy County, New Mexico

Description:

View East, area of concern.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 7

Facility: Deep Elem 4 Fed Com CTB Lay
Flat Line - Release 2

County: Eddy County, New Mexico

Description:

View of excavation confirmation samples 1-71.

**Photograph No. 8**

Facility: Deep Elem 4 Fed Com CTB Lay
Flat Line - Release 2

County: Eddy County, New Mexico

Description:

View of excavation confirmation samples 72-109.

**Photograph No. 9**

Facility: Deep Elem 4 Fed Com CTB Lay
Flat Line - Release 2

County: Eddy County, New Mexico

Description:

View of excavation confirmation samples 110-187.



PHOTOGRAPHIC LOG
EOG Resources, Inc

Photograph No. 10

Facility: Deep Elem 4 Fed Com CTB Lay
Flat Line - Release 2

County: Eddy County, New Mexico

Description:
View of excavation confirmation samples 188-225.



Photograph No. 11

Facility: Deep Elem 4 Fed Com CTB Lay
Flat Line - Release 2

County: Eddy County, New Mexico

Description:
View of excavation confirmation samples 226-264.

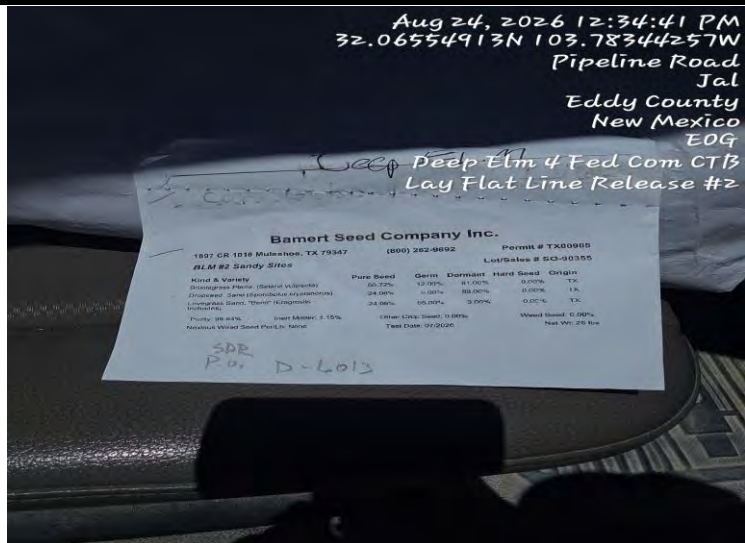


Photograph No. 12

Facility: Deep Elem 4 Fed Com CTB Lay
Flat Line - Release 2

County: Eddy County, New Mexico

Description:
Picture of the seed tag that was wased for reclamation.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 13

Facility: Deep Elem 4 Fed Com CTB Lay
Flat Line - Release 2

County: Eddy County, New Mexico

Description:

View of the backfilled excavation being reseeded.

**Photograph No. 14**

Facility: Deep Elem 4 Fed Com CTB Lay
Flat Line - Release 2

County: Eddy County, New Mexico

Description:

View of the backfilled excavation being reseeded.

**Photograph No. 15**

Facility: Deep Elem 4 Fed Com CTB Lay
Flat Line - Release 2

County: Eddy County, New Mexico

Description:

View of the backfilled excavation being reseeded.



APPENDIX C

CARMONA RESOURCES



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

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 449952

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 449952
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	Deep Elem 4 Fed Com CTB Lay Flat Line - Release 2
Date Release Discovered	03/26/2025
Surface Owner	Federal

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

Nature and Volume of Release <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error Pipeline (Any) Produced Water Released: 786 BBL Recovered: 320 BBL Lost: 466 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 449952

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 449952
	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.

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ACKNOWLEDGMENTS

Action 449952

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 449952
	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 449952

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 449952
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
todd wells	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	4/8/2025

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

Location of spill: Deep Elem 4 Fed Com CTB Lay Flat

Date of Spill: 3/26/2025

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

Input Data:

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: OIL: 0.0000 BBL WATER: 0.0000 BBL

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

Total Area Calculations						Standing Liquid Calculations					
Total Surface Area	width	length	wet soil depth	oil (%)		Standing Liquid Area	width	length	liquid depth	oil (%)	
Rectangle Area #1	55 ft X	360 ft X	6.00 in	0%		Rectangle Area #1	30 ft X	125 ft X	2 in	0%	
Rectangle Area #2	50 ft X	265 ft X	6.00 in	0%		Rectangle Area #2	25 ft X	80 ft X	2 in	0%	
Rectangle Area #3	62 ft X	185 ft X	1.00 in	0%		Rectangle Area #3	30 ft X	95 ft X	2 in	0%	
Rectangle Area #4	54 ft X	284 ft X	6.00 in	0%		Rectangle Area #4	25 ft X	90 ft X	2 in	0%	
Rectangle Area #5	50 ft X	280 ft X	6.00 in	0%		Rectangle Area #5	0 ft X	0 ft X	0 in	0%	
Rectangle Area #6	25 ft X	70 ft X	3.00 in	0%		Rectangle Area #6	0 ft X	0 ft X	0 in	0%	
Rectangle Area #7	0 ft X	0 ft X	0.00 in	0%		Rectangle Area #7	0 ft X	0 ft X	0 in	0%	
Rectangle Area #8	0 ft X	0 ft X	0.00 in	0%		Rectangle Area #8	0 ft X	0 ft X	0 in	0%	

okay

Production Data NOT Required

Average Daily Production: Oil BBL Water 0 BBL

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

Amount of Free Liquid Recovered: 320 BBL okay

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

Liquid holding factor *: 0.08 gal per gal

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

* sand = .08 gallon liquid per gallon volume of soil.

* gravelly (caliche) loam = .14 gallon liquid per gallon volume of soil.

* sandy clay loam soil = .14 gallon liquid per gallon volume of soil.

* clay loam = .16 gallon liquid per gallon volume of soil.

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

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

* gravelly (caliche) loam = .25 gallon liquid per gallon volume of soil.

* sandy loam = .5 gallon liquid per gallon volume of soil.

Saturated Soil Volume Calculations:

Total Solid/Liquid Volume: 75,606 sq. ft. 32,586 cu. ft. cu. ft.

Estimated Volumes Spilled

Liquid in Soil: 464.3 BBL 0.0 BBL
Free Liquid: 322.1 BBL 0.0 BBL
Totals: 786.333 BBL 0.000 BBL

Total Liquid Spill Liquid: 786.333 BBL 0.000 BBL

Recovered Volumes

Estimated oil recovered: 0.0 BBL check - okay
Estimated water recovered: 320.0 BBL check - okay

Free Liquid Volume Calculations:

Total Free Liquid Volume: 10,850 sq. ft. 1,808.333 cu. ft. .000 cu. ft.

Estimated Production Volumes Lost

Estimated Production Spilled: 0.000000 BBL 0.000000 BBL

Estimated Surface Damage

Surface Area: 75,606 sq. ft.

Surface Area: 1.7357 acre

Estimated Weights, and Volumes

Saturated Soil = 3,649,669 lbs 32,586 cu. ft. 1,207 cu. yds.
Total Liquid = 786 BBL 33,026.00 gallon 274,776 lbs

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

QUESTIONS

Action 452834

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 452834
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2509855019
Incident Name	NAPP2509855019 DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Deep Elem 4 Fed Com CTB Lay Flat Line - Release 2
Date Release Discovered	03/26/2025
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error Pipeline (Any) Produced Water Released: 786 BBL Recovered: 320 BBL Lost: 466 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 452834

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 452834
	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: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 04/16/2025
--	--

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Energy, Minerals and Natural Resources
Oil Conservation Division
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QUESTIONS, Page 3

Action 452834

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 452834
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

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

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

CONDITIONS

Action 452834

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 452834
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	4/22/2025

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Santa Fe, NM 87505

QUESTIONS

Action 608537

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 608537
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2509855019
Incident Name	NAPP2509855019 DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2 @ C-09-26S-31E
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved

Location of Release Source	
Site Name	DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2
Date Release Discovered	03/26/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	10,000
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/31/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	EOG-Hadlie Stout-346-324-7612 Carmona-Conner Moehring-432-813-6823
Please provide any information necessary for navigation to sampling site	32.06478 -103.78331

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CONDITIONS

Action 608537

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 608537
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
hstout	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.	7/28/2026
hstout	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.	7/28/2026

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QUESTIONS

Action 610115

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 610115
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2509855019
Incident Name	NAPP2509855019 DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2 @ C-09-26S-31E
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved

Location of Release Source	
Site Name	DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2
Date Release Discovered	03/26/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	72,470
What is the estimated number of samples that will be gathered	200
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/04/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	EOG-Hadlie Stout-346-324-7612 Carmona-Conner Moehring-432-813-6823
Please provide any information necessary for navigation to sampling site	32.06478 -103.78331

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 610115

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 610115
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
hstout	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.	7/31/2026
hstout	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.	7/31/2026

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 610117

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 610117
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2509855019
Incident Name	NAPP2509855019 DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2 @ C-09-26S-31E
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved

Location of Release Source	
Site Name	DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2
Date Release Discovered	03/26/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	72,470
What is the estimated number of samples that will be gathered	100
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/06/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	EOG-Hadlie Stout-346-324-7612 Carmona-Conner Moehring-432-813-6823
Please provide any information necessary for navigation to sampling site	32.06478 -103.78331

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 610117

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 610117
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
hstout	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.	7/31/2026
hstout	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.	7/31/2026

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 610122

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 610122
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2509855019
Incident Name	NAPP2509855019 DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2 @ C-09-26S-31E
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved

Location of Release Source	
Site Name	DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2
Date Release Discovered	03/26/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	72,470
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/07/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	EOG-Hadlie Stout-3465-324-7612 Carmona-Conner Moehring-432-813-6823
Please provide any information necessary for navigation to sampling site	32.06478 -103.78331

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 610122

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 610122
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
hstout	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.	7/31/2026
hstout	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.	7/31/2026

Conner Moehring

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, September 22, 2025 5:16 PM
To: Todd Wells
Cc: Bill Smith; Conner Moehring
Subject: RE: [EXTERNAL] nAPP2509855019 - EOG Deep Elem 4 Fed Com CTB Lay Flat Line - Release 2 - Extension Request

Follow Up Flag: Follow up
Flag Status: Flagged

Good afternoon Todd,

The 30-day extension for nAPP2509855019 DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2 is approved. A remediation plan must be submitted to the OCD Permitting website no later than October 22, 2025. Please include a copy of this and all notifications in the report to ensure the notifications are documented in the project file.

Kind regards,

Shelly

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

From: Todd Wells <Todd_Wells@eogresources.com>
Sent: Monday, September 22, 2025 3:41 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Bill Smith <Bill_Smith@eogresources.com>; Conner Moehring <cmoehring@carmonaresources.com>
Subject: [EXTERNAL] nAPP2509855019 - EOG Deep Elem 4 Fed Com CTB Lay Flat Line - Release 2 - Extension Request

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

Good Afternoon Shelly,

This correspondence is to request a thirty-day extension of time from the OCD for the treated reuse water release at the EOG, Deep Elem 4 Fed Com CTB Lay Flat Line site, Incident #nAPP2509855019 location in Eddy County, New Mexico. The soil assessment activities have been slower than anticipated in ensuring that all safety protocols have been met due to the multiple buried high-pressure gas pipelines in the area, coordinating with all the line reps to be on location and surface lines lay flats, and in coordinating with the EOG Operations and drilling schedule. The soil assessment activities are completed, and the release area is delineated. The requested

extension of time is to conduct and finalize the karst survey, and to submit the remediation work plan. Please let us know if you have any questions regarding this site.

Thank you,

Todd Wells
Environmental Specialist
Midland Division



5509 Champions Drive
Midland, TX 79706
O: (432) 686-3613
C: (432) 312-7736
Todd_Wells@eogresources.com

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, June 23, 2025 8:28 AM
To: Todd Wells <Todd_Wells@eogresources.com>
Cc: James Kennedy <James_Kennedy@eogresources.com>; Bill Smith <Bill_Smith@eogresources.com>
Subject: RE: [EXTERNAL] nAPP2509855019 - EOG Deep Elem 4 Fed Com CTB Lay Flat Line - Release 2 - Extension Request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Todd,

The extension request for NAPP2509855019 DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2 is approved. The new due date to submit your updated remediation plan or closure report to the OCD is September 22, 2025. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

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

From: Todd Wells <Todd_Wells@eogresources.com>
Sent: Sunday, June 22, 2025 10:23 AM

To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Cc: James Kennedy <James_Kennedy@eogresources.com>; Bill Smith <Bill_Smith@eogresources.com>

Subject: [EXTERNAL] nAPP2509855019 - EOG Deep Elem 4 Fed Com CTB Lay Flat Line - Release 2 - Extension Request

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

Good Morning Shelly,

This correspondence is to request a ninety day extension of time from the OCD for the treated reuse water release at the EOG, Deep Elem 4 Fed Com CTB Lay Flat Line site, Incident #nAPP2509855019 location in Eddy County, New Mexico. The release was in the location area of multiple lay flat lines active for ongoing completions projects at the site that prevented access to begin the assessment and remediation activities. The lay flat lines have been removed and the requested extension of time is to access the site to complete the one call, conduct the soil assessment and delineation activities, write and submit the remediation work plan. Please let us know if you have any questions regarding this site.

Thank you,

Todd Wells
Environmental Specialist
Midland Division



5509 Champions Drive

Midland, TX 79706

O: (432) 686-3613

C: (432) 312-7736

Todd_Wells@eogresources.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Tuesday, April 8, 2025 4:17 PM

To: Todd Wells <Todd_Wells@eogresources.com>

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 449952

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Todd Wells for EOG RESOURCES INC),

The OCD has accepted the submitted *Notification of a release* (NOR), for incident ID (n#) nAPP2509855019, with the following conditions:

- **When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.**

Please reference nAPP2509855019, on all subsequent C-141 submissions and communications regarding the remediation of this release.

NOTE: As of December 2019, NMOCD has discontinued the use of the “RP” number.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

ocd.enviro@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

APPENDIX D

CARMONA RESOURCES



Nearest water well

EOG Resources

Legend

- 0.50 Mile Radius
- 0.76 Miles
- 1.11 Miles
- 1.31 Miles
- Deep Elem Spill (3.26.25)
- NMSEO Water Well
- USGS Water Well



Google Earth

3000 ft

Legend

- Deep Elem AST Spill





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 01777	C		ED				08	26S	31E	613245	3547409*	1764	325	300	25
C 04700 POD1	CUB		ED	2	1	2	10	26S	31E	616736	3548154	1855			
C 02248	CUB		ED	1	2	3	08	26S	31E	612942	3547316*	2080	300	292	8
C 02249	CUB		ED	1	2	3	08	26S	31E	612942	3547316*	2080	300	292	8
C 04637 POD1	CUB		ED	4	4	3	02	26S	31E	618068	3548423	3204	51		

Average Depth to Water: **294 feet**

Minimum Depth: **292 feet**

Maximum Depth: **300 feet**

Record Count: 5

UTM NAD83 Radius Search (in meters):

Easting (X): 614883

Northing (Y): 3548066

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.

8/2/23 9:03 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

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

Click to hideNews Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

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 =

- 320330103462401

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

USGS 320330103462401 26S.31E.08.321434

Eddy County, New Mexico
Latitude 32°03'30", Longitude 103°46'24" NAD27
Land-surface elevation 3,251 feet above NAVD88
The depth of the well is 380 feet below land surface.
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) 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 (measur
1983-02-16			D 62610		2972.78	NGVD29	1		Z	
1983-02-16			D 62611		2974.42	NAVD88	1		Z	
1983-02-16			D 72019	276.58			1		Z	
1987-10-21			D 62610		2972.14	NGVD29	1		Z	
1987-10-21			D 62611		2973.78	NAVD88	1		Z	
1987-10-21			D 72019	277.22			1		Z	
1992-11-05			D 62610		2973.40	NGVD29	P		O	
1992-11-05			D 62611		2975.04	NAVD88	P		O	
1992-11-05			D 72019	275.96			P		O	
1998-01-29			D 62610		2973.87	NGVD29	1		S	
1998-01-29			D 62611		2975.51	NAVD88	1		S	
1998-01-29			D 72019	275.49			1		S	

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

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[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: 2023-07-31 10:51:09 EDT
0.28 0.24 nadww02



New Mexico Office of the State Engineer

Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 01777				08	26S	31E	613245	3547409*

Driller License:	208	Driller Company:	VAN NOY, W.L.		
Driller Name:	VAN NOY, W.L.				
Drill Start Date:	09/09/1977	Drill Finish Date:	09/16/1977	Plug Date:	
Log File Date:	09/28/1977	PCW Rev Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
Casing Size:	6.63	Depth Well:	325 feet	Depth Water:	300 feet

Water Bearing Stratifications:	Top	Bottom	Description
	300	325	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	295	325

*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.



New Mexico Office of the State Engineer

Point of Diversion Summary

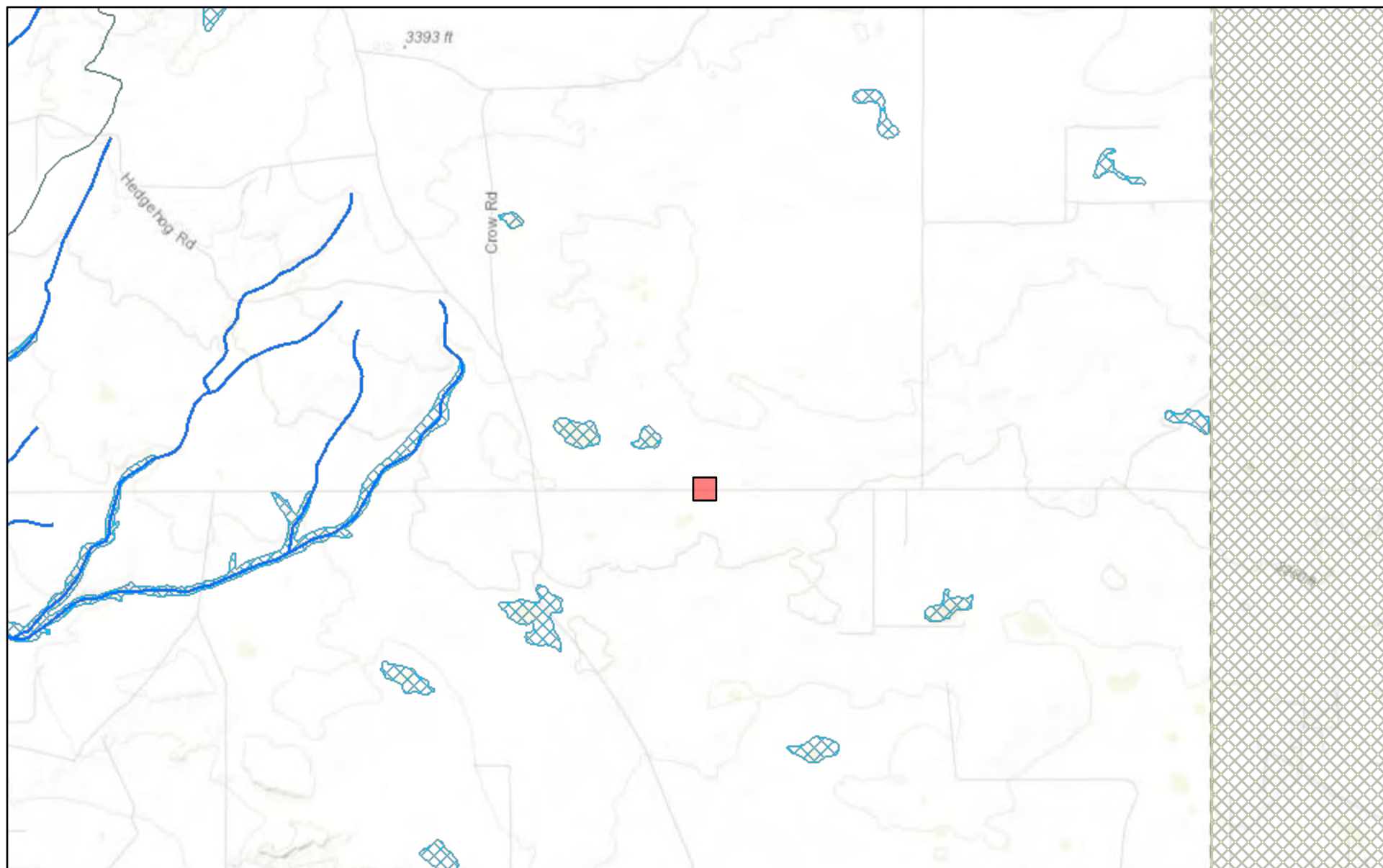
		(quarters are 1=NW 2=NE 3=SW 4=SE)						(quarters are smallest to largest)		(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y		
C	02248	1	2	3	08	26S	31E	612942	3547316*		

Driller License:		Driller Company:	
Driller Name: UNKNOWN			
Drill Start Date:		Drill Finish Date: 12/31/1946	Plug Date:
Log File Date:		PCW Rev Date:	Source:
Pump Type:		Pipe Discharge Size:	Estimated Yield: 6 GPM
Casing Size: 6.38		Depth Well: 300 feet	Depth Water: 292 feet

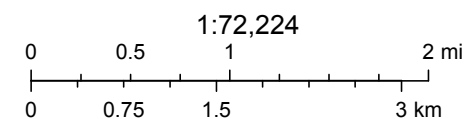
*UTM location was derived from PLSS - see Help

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.

New Mexico NFHL Data



August 12, 2025



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

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This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

Ashton Thielke

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Sent: Monday, August 14, 2023 10:16 AM
To: Ashton Thielke
Subject: RE: [EXTERNAL] NAPP2321953140 - DEEP ELEM 4 FED COM CTB LAY FLAT LINE STRIKE - Groundwater Variance

Ashton,

There doesn't seem to be any wetlands, karst, or flood plain issues with the site. For future reference, 0.6 miles is slightly outside the ½ mile radius that we require for a reference groundwater depth. Generally, any reference groundwater depth further out than this would require a borehole for groundwater depth determination.

The Variance Request for 100' groundwater depth determination is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Regards,

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division

506 W. Texas Ave. | Artesia, NM 88210

575.909.0302 | robert.hamlet@state.nm.us

<http://www.emnrd.state.nm.us/OCD/>



From: Ashton Thielke <ThielkeA@carmonaresources.com>
Sent: Friday, August 11, 2023 9:49 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: [EXTERNAL] NAPP2321953140 - DEEP ELEM 4 FED COM CTB LAY FLAT LINE STRIKE - Groundwater Variance

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

Good morning Robert,

On behalf of EOG, I am requesting a groundwater variance for the above-mentioned site.

Attached is groundwater research of the site that include nearby water wells I have found in my research.

The nearest water well has a depth of 275.49' and was drilled in 1998, located 0.65 miles southeast from the nearest horizontal extent of the spill area.

The site is not located in a high karst environment.

Due to the depth of local groundwater and the site being not located in a high karst, EOG requests a closure criteria variance to reflect groundwater 100'+ as shown in Table 1 of 19.15.29.12 NMAC.

Feel free to contact me if you have any questions!

Thanks,

Ashton Thielke

310 West Wall Street, Suite 500

Midland TX, 79701

M: 432-813-8988 C: 281-753-5659

ThielkeA@carmonaresources.com

CARMONA RESOURCES



APPENDIX E

CARMONA RESOURCES





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 02, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: DEEP ELEM SPILL (03.26.25)

Enclosed are the results of analyses for samples received by the laboratory on 03/27/25 12:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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 accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 03/27/2025
 Reported: 04/02/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H-1 (0-0.5') (H251838-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTEX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 129 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/28/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2025	ND	213	106	200	2.82	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	202	101	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 77.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.3 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 03/27/2025
 Reported: 04/02/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H-2 (0-0.5') (H251838-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/28/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2025	ND	213	106	200	2.82	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	202	101	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 84.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.9 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 03/27/2025
 Reported: 04/02/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H-3 (0-0.5') (H251838-03)

BTX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99		
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42		
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19		
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69		
Total BTX	<0.300	0.300	03/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 136 % 71.5-134

Chloride, SM4500CI-B			mg/kg					Analyzed By: HM	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/28/2025	ND	432	108	400	0.00	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 99.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
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 Fax To:

Received: 03/27/2025
 Reported: 04/02/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H-4 (0-0.5') (H251838-04)

BTX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99		
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42		
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19		
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69		
Total BTX	<0.300	0.300	03/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 139 % 71.5-134

Chloride, SM4500CI-B			mg/kg					Analyzed By: HM			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	03/28/2025	ND	432	108	400	0.00			

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/28/2025	ND	202	101	200	1.48		
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616		
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND						

Surrogate: 1-Chlorooctane 96.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.0 % 40.6-153

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 MIDLAND TX, 79701
 Fax To:

Received: 03/27/2025
 Reported: 04/02/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H-5 (0-0.5') (H251838-05)

BTX 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 135 % 71.5-134

Chloride, SM4500CI-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/28/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.1 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
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 MIDLAND TX, 79701
 Fax To:

Received: 03/27/2025
 Reported: 04/02/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H-6 (0-0.5') (H251838-06)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/28/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 95.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.7 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 03/27/2025
 Reported: 04/02/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H-7 (0-0.5') (H251838-07)

BTX 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 146 % 71.5-134

Chloride, SM4500CI-B		mg/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/31/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 03/27/2025
 Reported: 04/02/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H-8 (0-0.5') (H251838-08)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99		
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42		
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19		
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69		
Total BTX	<0.300	0.300	03/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 131 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/31/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 108 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST, SUITE 500
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 Fax To:

Received: 03/27/2025
 Reported: 04/02/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H-9 (0-0.5') (H251838-09)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99		
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42		
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19		
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69		
Total BTX	<0.300	0.300	03/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/31/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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 Fax To:

Received: 03/27/2025
 Reported: 04/02/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H-10 (0-0.5') (H251838-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99		
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42		
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19		
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69		
Total BTEx	<0.300	0.300	03/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 132 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/31/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 107 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 03/27/2025
 Reported: 04/02/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H-11 (0-0.5') (H251838-11)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTEx	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 139 % 71.5-134

Chloride, SM4500CI-B			mg/kg					Analyzed By: CT	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/31/2025	ND	432	108	400	0.00	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 109 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 03/27/2025
 Reported: 04/02/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/26/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H-12 (0-0.5') (H251838-12)

BTX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 140 % 71.5-134

Chloride, SM4500CI-B			mg/kg					Analyzed By: CT	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/31/2025	ND	432	108	400	0.00	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 94.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 4251838

Page 1 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☒ Routine ☐ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	2687																None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico	Due Date:															Cool: Cool	MeOH: Me
Sampler's Name:	CMM & KR																HCL: HC	HNO ₃ : HN
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Wet Ice: ☒ Yes ☒ No															H ₃ PO ₄ : HP	
Received intact:	☒ Yes ☒ No	Thermometer ID:															NaHSO ₄ : NABIS	
Cooler Custody Seals:	☒ Yes ☒ No	Correction Factor:															Na ₂ S ₂ O ₅ : NaSO ₃	
Sample Custody Seals:	☒ Yes ☒ No	Temperature Reading:															Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments
H-1 (0-0.5')	3/26/2025		X		G	1	BTX 8021B												
H-2 (0-0.5')	3/26/2025		X		G	1	TPH 8015M (GRO + DRO + MRO)												
H-3 (0-0.5')	3/26/2025		X		G	1	Chloride 4500												
H-4 (0-0.5')	3/26/2025		X		G	1													
H-5 (0-0.5')	3/26/2025		X		G	1													
H-6 (0-0.5')	3/26/2025		X		G	1													
H-7 (0-0.5')	3/26/2025		X		G	1													
H-8 (0-0.5')	3/26/2025		X		G	1													
H-9 (0-0.5')	3/26/2025		X		G	1													
H-10 (0-0.5')	3/26/2025		X		G	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
<u>pe but</u>	<u>3-27-25 1255</u>	<u>Carmona</u>	

Work Order No: 19251838

Page 2 of 2

Work Order Comments	
Program: UST/PT ☐ RP ☐ Brownfields ☐ RC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

[illegible]

Date/Time

Per-ct

3-27-25 125

Wanda Wanda



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 22, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: DEEP ELEM SPILL (03.26.25)

Enclosed are the results of analyses for samples received by the laboratory on 07/17/25 13:56.

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 accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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,

A handwritten signature in black ink that reads "Coley D. Keene". The signature is written in a cursive style with a large, stylized 'C' at the beginning.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (0-1') (H254308-01)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31		
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	07/18/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 87.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (1.5') (H254308-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31		
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	688	16.0	07/18/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 83.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (2') (H254308-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31		
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	07/18/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 73.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (3') (H254308-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31		
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76		
Total BTEX	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/18/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 70.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 62.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (4') (H254308-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31		
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	07/18/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 70.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 62.3 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (0-1') (H254308-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31		
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	07/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.9 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (1.5') (H254308-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31		
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	07/18/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 76.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.4 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (2') (H254308-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31		
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	07/18/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 80.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.8 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (3') (H254308-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31		
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	07/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 78.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.9 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (4') (H254308-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31		
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 63.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 60.5 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (0-1') (H254308-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31		
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	07/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 74.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.1 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (1.5') (H254308-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31		
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	07/18/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 79.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (2') (H254308-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31		
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	07/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 76.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.3 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (3') (H254308-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31		
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/18/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 67.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 64.1 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (4') (H254308-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31		
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	07/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 69.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 65.7 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (5') (H254308-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31		
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/18/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 73.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.7 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 4 (0-1') (H254308-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31		
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	07/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 76.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.2 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 4 (1.5') (H254308-18)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEx	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	07/18/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 75.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.9 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 4 (2') (H254308-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35		
Total BTEX	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	07/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 74.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.9 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 4 (3') (H254308-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	07/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 78.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.9 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 4 (4') (H254308-21)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35		
Total BTX	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	07/18/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 74.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (0-1') (H254308-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35		
Total BTEX	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	07/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 72.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 68.0 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (1.5') (H254308-23)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	864	16.0	07/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 69.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.6 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (2') (H254308-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	07/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 74.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.7 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (3') (H254308-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35		
Total BTEX	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	07/18/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 74.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.8 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (4') (H254308-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35		
Total BTEX	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/18/2025	ND	464	116	400	3.39	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 75.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.2 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 6 (0-1') (H254308-27)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35		
Total BTX	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	07/18/2025	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 68.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 63.5 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 6 (1.5') (H254308-28)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35		
Total BTX	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	07/18/2025	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 68.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 63.6 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 6 (2') (H254308-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	07/18/2025	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 70.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 65.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 6 (3') (H254308-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	07/18/2025	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 81.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.5 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 6 (4') (H254308-31)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35		
Total BTX	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	07/18/2025	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.2 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (0-1') (H254308-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35		
Total BTEX	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	07/18/2025	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.3 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (1.5') (H254308-33)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35		
Total BTX	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/18/2025	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 87.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.6 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (2') (H254308-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35		
Total BTEX	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/18/2025	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 76.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.4 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (3') (H254308-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/18/2025	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.2 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (4') (H254308-36)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/19/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.53	109	6.00	6.35	
Total BTX	<0.300	0.300	07/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	07/18/2025	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.7 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (0-1') (H254308-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/19/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.53	109	6.00	6.35		
Total BTEx	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1620	16.0	07/18/2025	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 81.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.5 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (1.5') (H254308-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	2.08	104	2.00	1.79		
Toluene*	<0.050	0.050	07/19/2025	ND	2.02	101	2.00	3.53		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.08	104	2.00	5.65		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.53	109	6.00	6.35		
Total BTEx	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1630	16.0	07/18/2025	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 88.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.7 % 40.6-153

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (2') (H254308-39)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865	
Total BTX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/18/2025	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 81.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.8 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (3') (H254308-40)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	07/18/2025	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 87.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.4 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (4') (H254308-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.96	98.2	2.00	1.62		
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/18/2025	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 85.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.8 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 9 (0-1') (H254308-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.96	98.2	2.00	1.62		
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865		
Total BTEX	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1260	16.0	07/18/2025	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.0 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 9 (1.5') (H254308-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.96	98.2	2.00	1.62		
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	07/18/2025	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 84.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.9 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 9 (2') (H254308-44)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEx	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1340	16.0	07/18/2025	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 90.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.8 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 9 (3') (H254308-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.96	98.2	2.00	1.62		
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1310	16.0	07/18/2025	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 78.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.6 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 9 (4') (H254308-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.96	98.2	2.00	1.62		
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.4 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 9 (5') (H254308-47)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.96	98.2	2.00	1.62		
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.5 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 10 (0-1') (H254308-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/18/2025	ND	1.96	98.2	2.00	1.62		
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224		
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212		
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865		
Total BTEx	<0.300	0.300	07/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1100	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 81.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.1 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 10 (1.5') (H254308-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.96	98.2	2.00	1.62		
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865		
Total BTEX	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1060	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.1 % 40.6-153

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Analytical Results For:

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 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 10 (2') (H254308-50)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEx	<0.300	0.300	07/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 87.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.2 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 10 (3') (H254308-51)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.96	98.2	2.00	1.62		
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865		
Total BTEx	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.7 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 10 (4') (H254308-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.96	98.2	2.00	1.62		
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865		
Total BTEx	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 90.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.9 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 11 (0-1') (H254308-53)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.96	98.2	2.00	1.62		
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865		
Total BTX	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 83.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.6 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 11 (1.5') (H254308-54)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.96	98.2	2.00	1.62		
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865		
Total BTEX	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	07/18/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 78.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.3 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
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 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 11 (2') (H254308-55)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.96	98.2	2.00	1.62		
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865		
Total BTEX	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	928	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 88.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.1 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 11 (3') (H254308-56)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.96	98.2	2.00	1.62		
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865		
Total BTEx	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.1 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 11 (4') (H254308-57)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.96	98.2	2.00	1.62		
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865		
Total BTEx	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.7 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 12 (0-1') (H254308-58)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.96	98.2	2.00	1.62		
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865		
Total BTEx	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 87.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.7 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
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 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 12 (1.5') (H254308-59)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.98	99.1	2.00	6.60		
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09		
Total BTEx	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 89.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.2 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 12 (2') (H254308-60)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.98	99.1	2.00	6.60		
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09		
Total BTEx	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2400	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 83.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.4 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 12 (3') (H254308-61)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.98	99.1	2.00	6.60		
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09		
Total BTEx	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 68.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 63.5 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 12 (4') (H254308-62)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.98	99.1	2.00	6.60		
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09		
Total BTEX	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3200	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 88.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.5 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 12 (5') (H254308-63)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.98	99.1	2.00	6.60		
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09		
Total BTX	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 81.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.6 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 12 (6') (H254308-64)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.98	99.1	2.00	6.60		
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09		
Total BTEx	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2040	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 83.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.6 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 12 (7') (H254308-65)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.98	99.1	2.00	6.60		
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09		
Total BTX	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	07/18/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 69.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 64.9 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 13 (0-1') (H254308-66)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2025	ND	1.98	99.1	2.00	6.60	
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09	
Total BTX	<0.300	0.300	07/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1680	16.0	07/21/2025	ND	432	108	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 86.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.3 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 13 (1.5') (H254308-67)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.98	99.1	2.00	6.60		
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09		
Total BTEX	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1650	16.0	07/21/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 87.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.2 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 13 (2') (H254308-68)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.98	99.1	2.00	6.60		
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09		
Total BTEx	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	07/21/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 87.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.1 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 13 (3') (H254308-69)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.98	99.1	2.00	6.60		
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09		
Total BTEX	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	07/21/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 88.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.6 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 13 (4') (H254308-70)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.98	99.1	2.00	6.60		
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09		
Total BTX	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	07/21/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	190	94.8	200	3.70	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	174	86.9	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 82.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.4 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 07/17/2025
 Reported: 07/22/2025
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 13 (5') (H254308-71)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/19/2025	ND	1.98	99.1	2.00	6.60		
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61		
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00		
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09		
Total BTEx	<0.300	0.300	07/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	07/21/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2025	ND	190	94.8	200	3.70	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	174	86.9	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 82.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.1 % 40.6-153

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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.
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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 14054308

Page 1 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	2687	☒ Routine ☐ Rush														None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico	Due Date:														Cool: Cool	MeOH: Me
Sampler's Name:	JM															HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Yes ☒ No ☐	Wet Ice: ☒ Yes ☐ No ☐	Thermometer ID:												H ₃ PO ₄ : HP	
Received Intact:	☒ Yes ☐ No	Correction Factor:														NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading:														Na ₂ S ₂ O ₅ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐ N/A	Corrected Temperature:														Zn Acetate+NaOH: Zn	
Total Containers:																NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</
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Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7-17-25 1350		

Chain of Custody

Work Order No: 4254308

Page 2 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd.Wells@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	2687	☒ Routine ☐ Rush														None: NO	DI Water: H ₂ O		
Project Location:	Eddy County, New Mexico	Due Date:														Cool: Cool	MeOH: Me		
Sampler's Name:	JM															HCL: HC	HNO ₃ : HN		
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐												H ₃ PO ₄ : HP			
Received Intact:	Yes ☒ No ☐	Thermometer ID:														NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes ☒ No ☐ N/A	Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading:														Zn Acetate+NaOH: Zn			
Total Containers:		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments
T-3 (0-1')	7/16/2025		X		G	1	BTEX 8021B												11
T-3 (1.5')	7/16/2025		X		G	1	TPH 8015M (GRO + DRO + MRO)												12
T-3 (2')	7/16/2025		X		G	1	Chloride 4500												13
T-3 (3')	7/16/2025		X		G	1													14
T-3 (4')	7/16/2025		X		G	1													15
T-3 (5')	7/16/2025		X		G	1													16
T-4 (0-1')	7/16/2025		X		G	1													17
T-4 (1.5')	7/16/2025		X		G	1													18
T-4 (2')	7/16/2025		X		G	1													19
T-4 (3')	7/16/2025		X		G	1													20

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7-17-25 1356		

Chain of Custody

Work Order No: H254308

Page 3 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/PT	☐ PRR ☐ Brownfields ☐ IRC ☐ Refund
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☒ Routine ☐ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	2687																	None: NO	DI Water: H ₂ O	
Project Location:	Eddy County, New Mexico	Due Date:																Cool: Cool	MeOH: Me	
Sampler's Name:	JM																	HCL: HC	HNO ₃ : HN	
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Thermometer ID:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐													H ₃ PO ₄ : HP	
Received Intact:	Yes ☒ No ☐		Correction Factor:																NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐ N/A		Temperature Reading:																Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐ N/A		Corrected Temperature:																Zn Acetate+NaOH: Zn	
Total Containers:																			NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
T-4 (4)	7/16/2025		X		G	1	X	X	X	X							21			
T-5 (0-1')	7/16/2025		X		G	1	X	X	X	X							22			
T-5 (1.5')	7/16/2025		X		G	1	X	X	X	X							23			
T-5 (2')	7/16/2025		X		G	1	X	X	X	X							24			
T-5 (3')	7/16/2025		X		G	1	X	X	X	X							25			
T-5 (4')	7/16/2025		X		G	1	X	X	X	X							26			
T-6 (0-1')	7/16/2025		X		G	1	X	X	X	X							27			
T-6 (1.5')	7/16/2025		X		G	1	X	X	X	X							28			
T-6 (2')	7/16/2025		X		G	1	X	X	X	X							29			
T-6 (3')	7/16/2025		X		G	1	X	X	X	X							30			

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/16/2025 1330		

Chain of Custody

Work Order No: 14254308

Page 4 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Todd_Wells@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☒ Routine ☐ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2687																None: NO	DI Water: H ₂ O	
Project Location:	Eddy County, New Mexico	Due Date:															Cool: Cool	MeOH: Me	
Sampler's Name:	JM																HCL: HC	HNO ₃ : HN	
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	Parameters													H ₃ PO ₄ : HP	
Received intact:	Yes ☒ No ☐	Thermometer ID:	140		BTEX 8021B													NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:	40.3		TPH 8015M (GRO + DRO + MRO)													Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:	3.7		Chloride 4500													Zn Acetate+NaOH: Zn	
Total Containers:	Yes ☒ No ☐	Corrected Temperature:	4.0															NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments
T-6 (4)	7/16/2025		X		G	1	X	X	X									31	
T-7 (0-1)	7/16/2025		X		G	1	X	X	X									32	
T-7 (1.5)	7/16/2025		X		G	1	X	X	X									33	
T-7 (2)	7/16/2025		X		G	1	X	X	X									34	
T-7 (3)	7/16/2025		X		G	1	X	X	X									35	
T-7 (4)	7/16/2025		X		G	1	X	X	X									36	
T-8 (0-1)	7/16/2025		X		G	1	X	X	X									37	
T-8 (1.5)	7/16/2025		X		G	1	X	X	X									38	
T-8 (2)	7/16/2025		X		G	1	X	X	X									39	
T-8 (3)	7/16/2025		X		G	1	X	X	X									40	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7-17-25 1350		

Chain of Custody

Work Order No: H2541308

Page 5 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	2687	☒ Routine ☐ Rush														None: NO	DI Water: H ₂ O		
Project Location:	Eddy County, New Mexico	Due Date:														Cool: Cool	MeOH: Me		
Sampler's Name:	JM															HCL: HC	HNO ₃ : HN		
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	Yes/No	Wet Ice:	Yes/No													H ₃ PO ₄ : HP		
Received Intact:	Yes/No	Thermometer ID:															NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes/No	Correction Factor:															Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes/No	Temperature Reading:															Zn Acetate+NaOH: Zn		
Total Containers:		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments
T-8 (4')	7/16/2025		X		G	1	BTEX 8021B												41
T-9 (0-1')	7/16/2025		X		G	1	TPH 8015M (GRO + DRO + MRO)												42
T-9 (1.5')	7/16/2025		X		G	1	Chloride 4500												43
T-9 (2')	7/16/2025		X		G	1													44
T-9 (3')	7/16/2025		X		G	1													45
T-9 (4')	7/16/2025		X		G	1													46
T-9 (5')	7/16/2025		X		G	1													47
T-10 (0-1')	7/16/2025		X		G	1													48
T-10 (1.5')	7/16/2025		X		G	1													49
T-10 (2')	7/16/2025		X		G	1													50

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7-17-25 1350		

Chain of Custody

Work Order No: 1054388

Page 6 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Project Name:		Deep Elem Spill (03.26.25)
Project Number:	2687	☒ Routine ☐ Rush
Project Location:	Eddy County, New Mexico	Due Date:
Sampler's Name:	JM	
PO #:		

SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Well Ice:	Yes ☒ No ☐
Received Intact:	Yes ☒ No ☐	Thermometer ID:		140
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:		10.3
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:		3.7
Total Containers:		Corrected Temperature:		4.0

Project Name:		Deep Elm Spill (03/26/25)		Turn Around				ANALYSIS REQUEST										Preservative Codes							
Project Number:		2687		☒ Routine ☐ Rush														None, NO		DI Water, H ₂ O					
Project Location		Eddy County, New Mexico		Due Date:														Cool: Cool		MeOH: Me					
Sampler's Name:		JM																HCL: HC		HNO ₃ : HN					
PO #:																		H ₂ SO ₄ : H ₂		NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes ☒ No ☐		Wet Ice:		Yes ☒ No ☐										H ₃ PO ₄ : HP							
Received In tact:		Yes ☒ No ☐		Thermometer ID:														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes ☒ No ☐ N/A		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes ☒ No ☐ N/A		Temperature Reading:														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:				4.0 °C										NaOH+Ascorbic Acid: SACP							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
T-10 (3')		7/16/2025				X				G		1		X		X		X				51			
T-10 (4')		7/16/2025				X				G		1		X		X		X				52			
T-11 (0-1')		7/16/2025				X				G		1		X		X		X				53			
T-11 (1.5')		7/16/2025				X				G		1		X		X		X				54			
T-11 (2')		7/16/2025				X				G		1		X		X		X				55			
T-11 (3')		7/16/2025				X				G		1		X		X		X				56			
T-11 (4')		7/16/2025				X				G		1		X		X		X				57			
T-12 (0-1')		7/16/2025				X				G		1		X		X		X				58			
T-12 (1.5')		7/16/2025				X				G		1		X		X		X				59			
T-12 (2')		7/16/2025				X				G		1		X		X		X				60			

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

Comments: Email to Mike Carmona / mcarmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7-16-25 BSC		

Chain of Custody

Work Order No: 4054308

Page 7 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State Zip:	Midland, TX 79701	City, State Zip:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

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

Project Name:	Deep Elem Spill (03/26/25)	Turn Around	Free Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	2687	☒ Routine ☐ Rush													None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico	Due Date:													Cool: Cool	MeOH: Me
Sampler's Name:	JM														HCL: HC	HNO ₃ : HN
PO #:															H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Well Ice:	Yes ☒ No ☐											H ₃ PO ₄ : HP	
Received Intact:	Yes ☒ No ☐	Thermometer ID:													NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:													Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:													Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:													NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments
							BTEX 8021B										
							TPH 8015M (GRO + DRO + MRO)										
							Chloride 4500										
T-12 (3)	7/16/2025		X		G	1	X	X	X								161
T-12 (4)	7/16/2025		X		G	1	X	X	X								162
T-12 (5)	7/16/2025		X		G	1	X	X	X								163
T-12 (6)	7/16/2025		X		G	1	X	X	X								164
T-12 (7)	7/16/2025		X		G	1	X	X	X								165
T-13 (0-1)	7/16/2025		X		G	1	X	X	X								166
T-13 (1.5)	7/16/2025		X		G	1	X	X	X								167
T-13 (2)	7/16/2025		X		G	1	X	X	X								168
T-13 (3)	7/16/2025		X		G	1	X	X	X								169
T-13(4)	7/16/2025		X		G	1	X	X	X								170

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/25/25		

Chain of Custody

Work Order No: 14254308

Page 8 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	2687	☒ Routine ☐ Rush														None: NO	DI Water: H ₂ O			
Project Location:	Eddy County, New Mexico	Due Date:														Cool: Cool	MeOH: Me			
Sampler's Name:	JM															HCL: HC	HNO ₃ : HN			
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	Parameters												H ₃ PO ₄ : HP			
Received Intact:	Yes ☒ No ☐	Thermometer ID:			BTX 8021B												NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:			TPH 8015M (GRO + DRO + MRO)												Na ₂ S ₂ O ₅ : NaSO ₃			
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:			Chloride 4500												Zn Acetate+NaOH: Zn			
Total Containers:		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
T-13 (5)	7/16/2025		X		G	1	X	X	X								71		
																	72		
																	73		
																	74		
																	75		
																	76		
																	77		
																	78		
																	79		
																	80		

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/16/2025		



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 04, 2026

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: DEEP ELEM SPILL (03.26.25)

Enclosed are the results of analyses for samples received by the laboratory on 08/03/26 9:16.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. 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 accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 1 (4.5') (H264396-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82	
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94	
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79	
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64	
Total BTEX	<0.300	0.300	08/03/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 74.5 % 48-117

Surrogate: 1-Chlorooctadecane 74.4 % 39-120

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 2 (4.5') (H264396-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 81.1 % 48-117

Surrogate: 1-Chlorooctadecane 82.8 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 3 (4.5') (H264396-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 85.4 % 48-117

Surrogate: 1-Chlorooctadecane 87.2 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 4 (4.5') (H264396-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 87.7 % 48-117

Surrogate: 1-Chlorooctadecane 88.0 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 5 (4.5') (H264396-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 98.1 % 48-117

Surrogate: 1-Chlorooctadecane 99.1 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 6 (4.5') (H264396-06)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 95.9 % 48-117

Surrogate: 1-Chlorooctadecane 97.0 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 7 (4.5') (H264396-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/03/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 93.1 % 48-117

Surrogate: 1-Chlorooctadecane 92.9 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 8 (4.5') (H264396-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 97.0 % 48-117

Surrogate: 1-Chlorooctadecane 98.4 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 9 (4.5') (H264396-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 101 % 48-117

Surrogate: 1-Chlorooctadecane 102 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 10 (4.5') (H264396-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 86.9 % 48-117

Surrogate: 1-Chlorooctadecane 86.2 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 11 (4.5') (H264396-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/03/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 91.5 % 48-117

Surrogate: 1-Chlorooctadecane 93.2 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 12 (4.5') (H264396-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 84.6 % 48-117

Surrogate: 1-Chlorooctadecane 85.1 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 13 (4.5') (H264396-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/03/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 95.0 % 48-117

Surrogate: 1-Chlorooctadecane 95.0 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 14 (4.5') (H264396-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 90.1 % 48-117

Surrogate: 1-Chlorooctadecane 90.6 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 15 (4.5') (H264396-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 98.0 % 48-117

Surrogate: 1-Chlorooctadecane 98.3 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 16 (4.5') (H264396-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 97.4 % 48-117

Surrogate: 1-Chlorooctadecane 98.3 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 17 (4.5') (H264396-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 95.2 % 48-117

Surrogate: 1-Chlorooctadecane 96.4 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 18 (4.5') (H264396-18)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82	
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94	
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79	
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64	
Total BTEX	<0.300	0.300	08/03/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/03/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 99.7 % 48-117

Surrogate: 1-Chlorooctadecane 104 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 19 (4.5') (H264396-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 99.3 % 48-117

Surrogate: 1-Chlorooctadecane 101 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 20 (4.5') (H264396-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.07	104	2.00	4.82		
Toluene*	<0.050	0.050	08/03/2026	ND	1.86	93.1	2.00	5.94		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.89	94.6	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.77	96.1	6.00	5.64		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	206	103	200	0.838	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	200	99.9	200	0.195	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 99.6 % 48-117

Surrogate: 1-Chlorooctadecane 101 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 21 (4.5') (H264396-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47		
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 73.4 % 48-117

Surrogate: 1-Chlorooctadecane 70.1 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 22 (4.5') (H264396-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47	
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99	
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66	
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68	
Total BTEX	<0.300	0.300	08/03/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/03/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 97.0 % 48-117

Surrogate: 1-Chlorooctadecane 91.7 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 23 (4.5') (H264396-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47		
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 93.8 % 48-117

Surrogate: 1-Chlorooctadecane 88.6 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 24 (4.5') (H264396-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47		
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 90.7 % 48-117

Surrogate: 1-Chlorooctadecane 85.9 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 25 (4.5') (H264396-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47		
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 97.7 % 48-117

Surrogate: 1-Chlorooctadecane 91.4 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 26 (4.5') (H264396-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47		
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 97.3 % 48-117

Surrogate: 1-Chlorooctadecane 92.5 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 27 (4.5') (H264396-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47		
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 92.2 % 48-117

Surrogate: 1-Chlorooctadecane 86.3 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 28 (4.5') (H264396-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47		
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 101 % 48-117

Surrogate: 1-Chlorooctadecane 97.1 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 29 (4.5') (H264396-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47		
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 98.2 % 48-117

Surrogate: 1-Chlorooctadecane 93.4 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 30 (4.5') (H264396-30)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47	
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99	
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66	
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68	
Total BTEX	<0.300	0.300	08/03/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/03/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 98.6 % 48-117

Surrogate: 1-Chlorooctadecane 93.4 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 31 (4.5') (H264396-31)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47	
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99	
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66	
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68	
Total BTX	<0.300	0.300	08/03/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/03/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 83.6 % 48-117

Surrogate: 1-Chlorooctadecane 79.1 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 32 (4.5') (H264396-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47		
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 66.4 % 48-117

Surrogate: 1-Chlorooctadecane 61.5 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 33 (4.5') (H264396-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47		
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 99.6 % 48-117

Surrogate: 1-Chlorooctadecane 95.8 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 34 (4.5') (H264396-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47		
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 96.9 % 48-117

Surrogate: 1-Chlorooctadecane 92.3 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 35 (4.5') (H264396-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47		
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 91.4 % 48-117

Surrogate: 1-Chlorooctadecane 87.0 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 36 (4.5') (H264396-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47		
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 95.1 % 48-117

Surrogate: 1-Chlorooctadecane 89.3 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 37 (4.5') (H264396-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47		
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 101 % 48-117

Surrogate: 1-Chlorooctadecane 95.1 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 38 (4.5') (H264396-38)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47	
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99	
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66	
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68	
Total BTEx	<0.300	0.300	08/03/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/03/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 99.9 % 48-117

Surrogate: 1-Chlorooctadecane 94.6 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 39 (4.5') (H264396-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47		
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 99.6 % 48-117

Surrogate: 1-Chlorooctadecane 93.9 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 40 (4.5') (H264396-40)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	3.47	
Toluene*	<0.050	0.050	08/03/2026	ND	2.02	101	2.00	2.99	
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.00	100	2.00	3.66	
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.00	100	6.00	2.68	
Total BTEX	<0.300	0.300	08/03/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/03/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	194	97.2	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	185	92.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 102 % 48-117

Surrogate: 1-Chlorooctadecane 97.4 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 41 (4.5') (H264396-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35	QR-03	
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	190	95.2	200	0.375	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	183	91.4	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 87.1 % 48-117

Surrogate: 1-Chlorooctadecane 80.6 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 42 (4.5') (H264396-42)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35	
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85	
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47	
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76	
Total BTEX	<0.300	0.300	08/03/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	190	95.2	200	0.375	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	183	91.4	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 97.4 % 48-117

Surrogate: 1-Chlorooctadecane 89.3 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 43 (4.5') (H264396-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35		
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	190	95.2	200	0.375	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	183	91.4	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 93.7 % 48-117

Surrogate: 1-Chlorooctadecane 85.8 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 44 (4.5') (H264396-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35		
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	190	95.2	200	0.375	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	183	91.4	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 83.9 % 48-117

Surrogate: 1-Chlorooctadecane 77.2 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 45 (4.5') (H264396-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35		
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	190	95.2	200	0.375	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	183	91.4	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 95.4 % 48-117

Surrogate: 1-Chlorooctadecane 87.8 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 46 (4.5') (H264396-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35		
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/03/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	190	95.2	200	0.375	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	183	91.4	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 96.2 % 48-117

Surrogate: 1-Chlorooctadecane 88.2 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 47 (4.5') (H264396-47)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35		
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	190	95.2	200	0.375	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	183	91.4	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 96.7 % 48-117

Surrogate: 1-Chlorooctadecane 91.2 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 48 (4.5') (H264396-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35		
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	08/03/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	190	95.2	200	0.375	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	183	91.4	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 99.8 % 48-117

Surrogate: 1-Chlorooctadecane 92.7 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 49 (4.5') (H264396-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35		
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	190	95.2	200	0.375	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	183	91.4	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 87.6 % 48-117

Surrogate: 1-Chlorooctadecane 80.4 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 50 (4.5') (H264396-50)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35		
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	190	95.2	200	0.375	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	183	91.4	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 88.0 % 48-117

Surrogate: 1-Chlorooctadecane 80.9 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 51 (4.5') (H264396-51)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35		
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	08/03/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	213	106	200	0.0413	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	209	104	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 73.1 % 48-117

Surrogate: 1-Chlorooctadecane 69.9 % 39-120

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 52 (2') (H264396-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35		
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	213	106	200	0.0413	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	209	104	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 83.5 % 48-117

Surrogate: 1-Chlorooctadecane 78.6 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 53 (2') (H264396-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35		
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	213	106	200	0.0413	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	209	104	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 84.2 % 48-117

Surrogate: 1-Chlorooctadecane 79.5 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 54 (2') (H264396-54)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35		
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	213	106	200	0.0413	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	209	104	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 80.8 % 48-117

Surrogate: 1-Chlorooctadecane 75.4 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 55 (2') (H264396-55)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35		
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	213	106	200	0.0413	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	209	104	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 87.7 % 48-117

Surrogate: 1-Chlorooctadecane 81.9 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 56 (2') (H264396-56)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35		
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	213	106	200	0.0413	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	209	104	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 86.5 % 48-117

Surrogate: 1-Chlorooctadecane 81.9 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 57 (2') (H264396-57)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35		
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	08/03/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	213	106	200	0.0413	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	209	104	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 72.4 % 48-117

Surrogate: 1-Chlorooctadecane 68.0 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 58 (2') (H264396-58)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35		
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	08/03/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	213	106	200	0.0413	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	209	104	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 82.6 % 48-117

Surrogate: 1-Chlorooctadecane 77.9 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 59 (2') (H264396-59)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35		
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	672	16.0	08/03/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	213	106	200	0.0413	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	209	104	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 87.4 % 48-117

Surrogate: 1-Chlorooctadecane 82.2 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 60 (2') (H264396-60)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.35	
Toluene*	<0.050	0.050	08/03/2026	ND	1.89	94.7	2.00	3.85	
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	1.93	96.7	2.00	3.47	
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.58	93.0	6.00	3.76	
Total BTEx	<0.300	0.300	08/03/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	08/03/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	213	106	200	0.0413	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	209	104	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 79.2 % 48-117

Surrogate: 1-Chlorooctadecane 74.1 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 61 (2') (H264396-61)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	08/03/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 100 % 48-117

Surrogate: 1-Chlorooctadecane 87.1 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 62 (2') (H264396-62)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 63.2 % 48-117

Surrogate: 1-Chlorooctadecane 55.3 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 63 (2') (H264396-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 71.5 % 48-117

Surrogate: 1-Chlorooctadecane 62.2 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 64 (2') (H264396-64)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 65.9 % 48-117

Surrogate: 1-Chlorooctadecane 58.3 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 65 (2') (H264396-65)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	08/03/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 68.8 % 48-117

Surrogate: 1-Chlorooctadecane 61.3 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 66 (2') (H264396-66)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 84.3 % 48-117

Surrogate: 1-Chlorooctadecane 73.2 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 67 (2') (H264396-67)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/03/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 52.0 % 48-117

Surrogate: 1-Chlorooctadecane 45.4 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 68 (2') (H264396-68)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 69.0 % 48-117

Surrogate: 1-Chlorooctadecane 60.2 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 69 (2') (H264396-69)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 73.4 % 48-117

Surrogate: 1-Chlorooctadecane 64.6 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 70 (2') (H264396-70)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 77.2 % 48-117

Surrogate: 1-Chlorooctadecane 68.3 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 71 (2') (H264396-71)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 69.1 % 48-117

Surrogate: 1-Chlorooctadecane 60.3 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (4.5') (H264396-72)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 75.9 % 48-117

Surrogate: 1-Chlorooctadecane 66.5 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (4.5') (H264396-73)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 76.1 % 48-117

Surrogate: 1-Chlorooctadecane 67.7 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (4.5') (H264396-74)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 76.8 % 48-117

Surrogate: 1-Chlorooctadecane 67.2 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (4.5') (H264396-75)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 81.0 % 48-117

Surrogate: 1-Chlorooctadecane 71.0 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (4.5') (H264396-76)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 86.8 % 48-117

Surrogate: 1-Chlorooctadecane 76.5 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (4.5') (H264396-77)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 89.7 % 48-117

Surrogate: 1-Chlorooctadecane 79.4 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 7 (4.5') (H264396-78)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 80.6 % 48-117

Surrogate: 1-Chlorooctadecane 70.9 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 8 (4.5') (H264396-79)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTEX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 89.5 % 48-117

Surrogate: 1-Chlorooctadecane 80.6 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 9 (2.5') (H264396-80)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.23	111	2.00	1.68		
Toluene*	<0.050	0.050	08/03/2026	ND	2.14	107	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.04	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	5.94	99.0	6.00	2.38		
Total BTX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	08/03/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2026	ND	212	106	200	2.84	
DRO >C10-C28*	<10.0	10.0	08/03/2026	ND	233	116	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	08/03/2026	ND					

Surrogate: 1-Chlorooctane 93.1 % 48-117

Surrogate: 1-Chlorooctadecane 82.0 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 10 (2') (H264396-81)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.67		
Toluene*	<0.050	0.050	08/03/2026	ND	1.99	99.4	2.00	7.38		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.01	100	2.00	8.02		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.01	100	6.00	9.22		
Total BTX	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	08/03/2026	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	198	99.2	200	1.03	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	199	99.3	200	0.902	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 76.0 % 48-117

Surrogate: 1-Chlorooctadecane 71.3 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 11 (2') (H264396-82)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.67		
Toluene*	<0.050	0.050	08/03/2026	ND	1.99	99.4	2.00	7.38		
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.01	100	2.00	8.02		
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.01	100	6.00	9.22		
Total BTEx	<0.300	0.300	08/03/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	08/03/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	198	99.2	200	1.03	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	199	99.3	200	0.902	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 74.5 % 48-117

Surrogate: 1-Chlorooctadecane 70.7 % 39-120

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/03/2026
 Reported: 08/04/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 07/31/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 12 (2') (H264396-83)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2026	ND	2.00	99.8	2.00	4.67	
Toluene*	<0.050	0.050	08/03/2026	ND	1.99	99.4	2.00	7.38	
Ethylbenzene*	<0.050	0.050	08/03/2026	ND	2.01	100	2.00	8.02	
Total Xylenes*	<0.150	0.150	08/03/2026	ND	6.01	100	6.00	9.22	
Total BTEx	<0.300	0.300	08/03/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	08/03/2026	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2026	ND	198	99.2	200	1.03	
DRO >C10-C28*	<10.0	10.0	08/04/2026	ND	199	99.3	200	0.902	
EXT DRO >C28-C36	<10.0	10.0	08/04/2026	ND					

Surrogate: 1-Chlorooctane 78.4 % 48-117

Surrogate: 1-Chlorooctadecane 74.2 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No:

H264394

Project Manager:	Commer Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	
Project Number:	2687	Due Date:	24 HR		
Project Location:	Eddy County, New Mexico				
Sampler's Name:	JM & FV				
PO #:					
SAMPLE RECEIPT	Temp Blank: Yes ☒ No ☐	Wet Ice: Yes ☒ No ☐			
Received In tact:	Yes ☒ No ☐	Thermometer ID:	#140		
	Yes ☒ No ☐	Corrected Factor:	10.13		
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:	3.8		
Total Containers:		Corrected Temperature:	3.9		

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</
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Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Commer Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8-3-26 0916		

Chain of Custody

Work Order No.:

H24439

Page 2 of 3

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland Tx 79706
Phone:	(432) 813-6823	Email:	Hadlie_Stout@eogresources.com

Work Order Comments	
Program: UST/ST	☐ RRP ☐ Brownfields ☐ RC ☐ Spentund ☐
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables: EDD	☐ ADAPT ☐ Other:

[illegible][illegible]

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8.5.20 0916		

Chain of Custody

Work Order No:

1204394

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	2687	Due Date:	24 HR														None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico																Cool: Cool	MeOH: Me
Sampler's Name:	JM & FV																HCL: HC	HNO ₃ : HN
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐													H ₃ PO ₄ : HP	
Received Intact:	Yes ☒ No ☐	Thermometer ID:															NaHSO ₄ : NABIS	
Crack/ Criskenby Scale:	Yes ☒ No ☐	Correction Factor:															Na ₂ S ₂ O ₅ : NaSO ₅	
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:															Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters												Sample Comments
21 CS-21 (4.5')	7/31/2026	10:00 AM	X		Comp	1	X	X	X										
22 CS-22 (4.5')	7/31/2026	10:03 AM	X		Comp	1	X	X	X										
23 CS-23 (4.5')	7/31/2026	10:06 AM	X		Comp	1	X	X	X										
24 CS-24 (4.5')	7/31/2026	10:09 AM	X		Comp	1	X	X	X										
25 CS-25 (4.5')	7/31/2026	10:12 AM	X		Comp	1	X	X	X										
26 CS-26 (4.5')	7/31/2026	10:15 AM	X		Comp	1	X	X	X										
27 CS-27 (4.5')	7/31/2026	10:18 AM	X		Comp	1	X	X	X										
28 CS-28 (4.5')	7/31/2026	10:21 AM	X		Comp	1	X	X	X										
29 CS-29 (4.5')	7/31/2026	10:24 AM	X		Comp	1	X	X	X										
30 CS-30 (4.5')	7/31/2026	10:27 AM	X		Comp	1	X	X	X										

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8-3-26 0916		

Chain of Custody

Work Order No: #264394

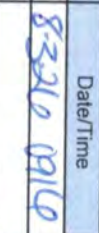
Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep ELEM Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2687	Due Date:	24 HR														None: NO	DI Water: H ₂ O	
Project Location:	Eddy County, New Mexico																Cool: Cool	MeOH: Me	
Sampler's Name:	JM & FV																HCL: HC	HNO ₃ : HN	
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐													H ₃ PO ₄ : HP	
Received Intact:	Yes ☒ No ☐	Thermometer ID:	#140															NaHSO ₄ : NABIS	
Corrected Custody Seal:	Yes ☒ No ☐ N/A	Correction Factor:	10.12															Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading:	28.8															Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:	28.9															NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH													Sample Comments
31 CS-31 (4.5')	7/31/2026	10:30 AM	X		Comp	1	X	X	X											
32 CS-32 (4.5')	7/31/2026	10:33 AM	X		Comp	1	X	X	X											
33 CS-33 (4.5')	7/31/2026	10:36 AM	X		Comp	1	X	X	X											
34 CS-34 (4.5')	7/31/2026	10:39 AM	X		Comp	1	X	X	X											
35 CS-35 (4.5')	7/31/2026	10:42 AM	X		Comp	1	X	X	X											
36 CS-36 (4.5')	7/31/2026	10:45 AM	X		Comp	1	X	X	X											
37 CS-37 (4.5')	7/31/2026	10:48 AM	X		Comp	1	X	X	X											
38 CS-38 (4.5')	7/31/2026	10:51 AM	X		Comp	1	X	X	X											
39 CS-39 (4.5')	7/31/2026	10:54 AM	X		Comp	1	X	X	X											
40 CS-40 (4.5')	7/31/2026	10:57 AM	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
	8/3/2026 0914		

Chain of Custody

Work Order No:

4204394

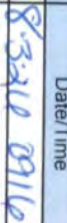
Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	2687	Due Date:	24 HR														None: NO	DI Water: H ₂ O		
Project Location:	Eddy County, New Mexico																Cool: Cool	MeOH: Me		
Sampler's Name:	JM & FV																HCL: HC	HNO ₃ : HN		
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No													H ₃ PO ₄ : HP	
Received Intact:	Yes	No	Thermometer ID:													NaHSO ₄ : NABIS				
Cooler Control Seal:	Yes	No	Correction Factor:													Na ₂ S ₂ O ₅ : NaSO ₃				
Sample Custody Seals:	Yes	No	Temperature Reading:													Zn Acetate+NaOH: Zn				
Total Containers:			Corrected Temperature:													NaOH+Ascorbic Acid: SAPC				

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8-3-2026 0916		

Chain of Custody

Work Order No:

HA04390

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.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:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	2687	Due Date:	24 HR														None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico																Cool: Cool	MeOH: Me
Sampler's Name:	JM & FV																HCL: HC	HNO ₃ : HN
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	Parameters												H ₃ PO ₄ : HP	
Received Intact:	Yes ☒ No ☐	Thermometer ID:															NaHSO ₄ : NABIS	
Cooler Preheated: N/A	Yes ☒ No ☐	Correction Factor:															Na ₂ S ₂ O ₅ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:															Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</
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Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/3/2026 0916		

Chain of Custody

Work Order No: HA24396

Page 7 of 9

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2687																None: NO	DI Water: H ₂ O	
Project Location:	Eddy County, New Mexico	Due Date:	24 HR														Cool: Cool	MeOH: Me	
Sampler's Name:	JM & FV																HCL: HC	HNO ₃ : HN	
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes ☐ No ☒	Wet Ice:	Yes ☐ No ☒	Parameters													H ₃ PO ₄ : HP	
Received In tact:	Yes ☒ No ☐	Thermometer ID:	#140		BTEX 8021B													NaHSO ₄ : NABIS	
Container Chain of Custody Seal:	Yes ☐ No ☒ N/A	Correction Factor:	70.12		TPH 3015M (GRO + DRO + MRO)													Na ₂ S ₂ O ₅ : NaSO ₅	
Sample Custody Seals:	Yes ☐ No ☒ N/A	Temperature Reading:	2.85		Chloride 4500													Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:	2.91															NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-61 (2)	7/31/2026	12:00 PM	X		Comp	1	X	X	X										
CS-62 (2)	7/31/2026	12:03 PM	X		Comp	1	X	X	X										
CS-63 (2)	7/31/2026	12:06 PM	X		Comp	1	X	X	X										
CS-64 (2)	7/31/2026	12:09 PM	X		Comp	1	X	X	X										
CS-65 (2)	7/31/2026	12:12 PM	X		Comp	1	X	X	X										
CS-66 (2)	7/31/2026	12:15 PM	X		Comp	1	X	X	X										
CS-67 (2)	7/31/2026	12:18 PM	X		Comp	1	X	X	X										
CS-68 (2)	7/31/2026	12:21 PM	X		Comp	1	X	X	X										
CS-69 (2)	7/31/2026	12:24 PM	X		Comp	1	X	X	X										
CS-70 (2)	7/31/2026	12:27 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
	8-3-2026 0916		

Chain of Custody

Work Order No:

426439

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	
Project Number:	2687	Due Date:	24 HR		
Project Location:	Eddy County, New Mexico				
Sampler's Name:	JM & FV				
PO #:					
SAMPLE RECEIPT					
Received Intact:	Yes	Temp Blank:	Yes	Wet Ice:	Yes
Corrected by Scale:	Yes	Thermometer ID:	1140		
Sample Custody Seals:	Yes	Correction Factor:	10.13		
Total Containers:	Yes	Temperature Reading:	28.9		
	No	Corrected Temperature:	28.9		
	N/A				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
71 CS-71 (2)	7/31/2026	12:30 PM	X		Comp	1	BTEX 8021B		None: NO	
72 SW-1 (4.5)	7/31/2026	12:33 PM	X		Comp	1	TPH 8015M (GRO + DRO + MRO)		DI Water: H ₂ O	
73 SW-2 (4.5)	7/31/2026	12:36 PM	X		Comp	1	Chloride 4500		Cool: Cool	
74 SW-3 (4.5)	7/31/2026	12:39 PM	X		Comp	1			HCL: HC	
75 SW-4 (4.5)	7/31/2026	12:42 PM	X		Comp	1			H ₂ SO ₄ : H ₂	
76 SW-5 (4.5)	7/31/2026	12:45 PM	X		Comp	1			H ₃ PO ₄ : HP	
77 SW-6 (4.5)	7/31/2026	12:48 PM	X		Comp	1			NaHSO ₄ : NABIS	
78 SW-7 (4.5)	7/31/2026	12:51 PM	X		Comp	1			Na ₂ S ₂ O ₅ : NaSO ₃	
79 SW-8 (4.5)	7/31/2026	12:54 PM	X		Comp	1			Zn Acetate+NaOH: Zn	
80 SW-9 (2.5)	7/31/2026	12:57 PM	X		Comp	1			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
	8-3-2026 0910		

Chain of Custody

Work Order No.:

H264394

Page 94 of 94

Project Manager:

Commer Moehring

Company Name:

Carmona Resources

Address:

310 W Wall St Ste 500

City, State ZIP:

Midland, TX 79701

Phone:

(432) 813-6823

Bill to: (if different)

Hadlie Stout

Company Name:

EOG Resources

Address:

5509 Champions Dr

City, State ZIP:

Midland, Tx 79705

Email:

Hadlie.Stout@eogresources.com

Project Name:

Deep Elem Spill (03.26.25)

Project Number:

2687

Project Location:

Eddy County, New Mexico

Sampler's Name:

JM & FV

PO #:

Turn Around

☐ Routine

☒ Rush

Due Date:

24 HR

Pres. Code

SAMPLE RECEIPT

Temp Blank:

Yes ☒ No ☐

Received Intact:

Yes ☒ No ☐

After Closure/Seals:

Yes ☒ No ☐

Sample Custody Seals:

Yes ☒ No ☐

Total Containers:

2

Yes ☒ No ☐

Thermometer ID:

#140

Well Ice:

Yes ☒ No ☐

Correction Factor:

10.1

Temperature Reading:

2.8

Corrected Temperature:

2.9

Parameters

BT EX 8021B

TPH: 8015M (GRO + DRO + MRO)

Chloride 4500

Sample Identification

Date

Time

Soil

Water

Grab/Comp

of Cont

SW-10 (2')

7/31/2026

1:00 PM

X

Comp

1

SW-11 (2')

7/31/2026

1:03 PM

X

Comp

1

SW-12 (2')

7/31/2026

1:06 PM

X

Comp

1

ANALYSIS REQUEST

Preservative Codes

None: NO

DI Water: H₂O

Cool: Cool

MeOH: Me

HCL: HC

HNO₃: HN

H₂SO₄: H₂

H₃PO₄: HP

NaHSO₄: NABIS

Na₂S₂O₅: NaSO₅

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SACP

Sample Comments

Relinquished by: (Signature)

8-3-2026

8-3-2026

Received by: (Signature)

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

Page 9 of 9



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 05, 2026

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: DEEP ELEM SPILL (03.26.25)

Enclosed are the results of analyses for samples received by the laboratory on 08/04/26 16:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 72 (3')	H264463-01	Soil	04-Aug-26 09:00	04-Aug-26 16:27
CS - 73 (3')	H264463-02	Soil	04-Aug-26 09:03	04-Aug-26 16:27
CS - 74 (3')	H264463-03	Soil	04-Aug-26 09:06	04-Aug-26 16:27
CS - 75 (3')	H264463-04	Soil	04-Aug-26 09:09	04-Aug-26 16:27
CS - 76 (3')	H264463-05	Soil	04-Aug-26 09:12	04-Aug-26 16:27
CS - 77 (3')	H264463-06	Soil	04-Aug-26 09:15	04-Aug-26 16:27
CS - 78 (3')	H264463-07	Soil	04-Aug-26 09:18	04-Aug-26 16:27
CS - 79 (3')	H264463-08	Soil	04-Aug-26 09:21	04-Aug-26 16:27
CS - 80 (3')	H264463-09	Soil	04-Aug-26 09:24	04-Aug-26 16:27
CS - 81 (3')	H264463-10	Soil	04-Aug-26 09:27	04-Aug-26 16:27
CS - 82 (3')	H264463-11	Soil	04-Aug-26 09:30	04-Aug-26 16:27
CS - 83 (3')	H264463-12	Soil	04-Aug-26 09:33	04-Aug-26 16:27
CS - 84 (3')	H264463-13	Soil	04-Aug-26 09:36	04-Aug-26 16:27
CS - 85 (3')	H264463-14	Soil	04-Aug-26 09:39	04-Aug-26 16:27
CS - 86 (3')	H264463-15	Soil	04-Aug-26 09:42	04-Aug-26 16:27
CS - 87 (3')	H264463-16	Soil	04-Aug-26 09:45	04-Aug-26 16:27
CS - 88 (3')	H264463-17	Soil	04-Aug-26 09:48	04-Aug-26 16:27
CS - 89 (3')	H264463-18	Soil	04-Aug-26 09:51	04-Aug-26 16:27
CS - 90 (3')	H264463-19	Soil	04-Aug-26 09:54	04-Aug-26 16:27
CS - 91 (3')	H264463-20	Soil	04-Aug-26 09:57	04-Aug-26 16:27
CS - 92 (3')	H264463-21	Soil	04-Aug-26 10:00	04-Aug-26 16:27
CS - 93 (3')	H264463-22	Soil	04-Aug-26 10:03	04-Aug-26 16:27
CS - 94 (3')	H264463-23	Soil	04-Aug-26 10:06	04-Aug-26 16:27
CS - 95 (3')	H264463-24	Soil	04-Aug-26 10:09	04-Aug-26 16:27
CS - 96 (3')	H264463-25	Soil	04-Aug-26 10:12	04-Aug-26 16:27
CS - 97 (3')	H264463-26	Soil	04-Aug-26 10:15	04-Aug-26 16:27
CS - 98 (3')	H264463-27	Soil	04-Aug-26 10:18	04-Aug-26 16:27

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 99 (3')	H264463-28	Soil	04-Aug-26 10:21	04-Aug-26 16:27
CS - 100 (3')	H264463-29	Soil	04-Aug-26 10:24	04-Aug-26 16:27
CS - 101 (3')	H264463-30	Soil	04-Aug-26 10:27	04-Aug-26 16:27
CS - 102 (3')	H264463-31	Soil	04-Aug-26 10:30	04-Aug-26 16:27
CS - 103 (3')	H264463-32	Soil	04-Aug-26 10:33	04-Aug-26 16:27
CS - 104 (3')	H264463-33	Soil	04-Aug-26 10:36	04-Aug-26 16:27
CS - 105 (3')	H264463-34	Soil	04-Aug-26 10:39	04-Aug-26 16:27
CS - 106 (3')	H264463-35	Soil	04-Aug-26 10:42	04-Aug-26 16:27
CS - 107 (3')	H264463-36	Soil	04-Aug-26 10:45	04-Aug-26 16:27
CS - 108 (3')	H264463-37	Soil	04-Aug-26 10:48	04-Aug-26 16:27
CS - 109 (3')	H264463-38	Soil	04-Aug-26 10:51	04-Aug-26 16:27
SW - 13 (3')	H264463-39	Soil	04-Aug-26 10:54	04-Aug-26 16:27
SW - 14 (3')	H264463-40	Soil	04-Aug-26 10:57	04-Aug-26 16:27
SW - 15 (3')	H264463-41	Soil	04-Aug-26 11:00	04-Aug-26 16:27
SW - 16 (3')	H264463-42	Soil	04-Aug-26 11:03	04-Aug-26 16:27
SW - 17 (3')	H264463-43	Soil	04-Aug-26 11:06	04-Aug-26 16:27
SW - 18 (3')	H264463-44	Soil	04-Aug-26 11:09	04-Aug-26 16:27
SW - 19 (3')	H264463-45	Soil	04-Aug-26 11:12	04-Aug-26 16:27
SW - 20 (3')	H264463-46	Soil	04-Aug-26 11:15	04-Aug-26 16:27
SW - 21 (3')	H264463-47	Soil	04-Aug-26 11:18	04-Aug-26 16:27
SW - 22 (3')	H264463-48	Soil	04-Aug-26 11:21	04-Aug-26 16:27
SW - 23 (3')	H264463-49	Soil	04-Aug-26 11:24	04-Aug-26 16:27
SW - 24 (3')	H264463-50	Soil	04-Aug-26 11:27	04-Aug-26 16:27
SW - 25 (3')	H264463-51	Soil	04-Aug-26 11:30	04-Aug-26 16:27
SW - 26 (3')	H264463-52	Soil	04-Aug-26 11:33	04-Aug-26 16:27
CS - 48 (5')	H264463-53	Soil	04-Aug-26 12:00	04-Aug-26 16:27
CS - 51 (5')	H264463-54	Soil	04-Aug-26 12:03	04-Aug-26 16:27
CS - 55 (2.25')	H264463-55	Soil	04-Aug-26 12:06	04-Aug-26 16:27
CS - 56 (2.25')	H264463-56	Soil	04-Aug-26 12:09	04-Aug-26 16:27
CS - 57 (2.25')	H264463-57	Soil	04-Aug-26 12:12	04-Aug-26 16:27

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 58 (2.25')	H264463-58	Soil	04-Aug-26 12:15	04-Aug-26 16:27
CS - 59 (2.25')	H264463-59	Soil	04-Aug-26 12:18	04-Aug-26 16:27
CS - 60 (2.25')	H264463-60	Soil	04-Aug-26 12:21	04-Aug-26 16:27
CS - 62 (2.25')	H264463-61	Soil	04-Aug-26 12:25	04-Aug-26 16:27

CASE NARRATIVE:

No labels with lot numbers on sample containers of -05, -19 and -25 for traceability.

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 72 (3')
H264463-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	336		16.0	mg/kg	4	6080508	KH	05-Aug-26	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080449	JH	04-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 70.7-129 6080449 JH 04-Aug-26 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080443	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080443	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080443	JF	04-Aug-26	8015B	

Surrogate: 1-Chlorooctane 83.1 % 48-117 6080443 JF 04-Aug-26 8015B

Surrogate: 1-Chlorooctadecane 85.3 % 39-120 6080443 JF 04-Aug-26 8015B

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 73 (3')
H264463-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	368		16.0	mg/kg	4	6080508	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080449	JH	04-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.7 %	70.7-129	6080449	JH	04-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080443	JF	04-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080443	JF	04-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080443	JF	04-Aug-26	8015B

Surrogate: 1-Chlorooctane	87.3 %	48-117	6080443	JF	04-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	88.9 %	39-120	6080443	JF	04-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 74 (3')
H264463-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Chloride	304		16.0	mg/kg	4	6080508	KH	05-Aug-26	4500-Cl-B	

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080449	JH	04-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.5 %		70.7-129	6080449	JH	04-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	

Surrogate: 1-Chlorooctane			85.4 %		48-117	6080443	JF	05-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			87.5 %		39-120	6080443	JF	05-Aug-26	8015B	
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 75 (3')
H264463-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	6080508	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080449	JH	04-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.6 %		70.7-129	6080449	JH	04-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.7 %		48-117	6080443	JF	05-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			93.2 %		39-120	6080443	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 76 (3')
H264463-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	288		16.0	mg/kg	4	6080508	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080449	JH	04-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.1 %		70.7-129	6080449	JH	04-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.8 %		48-117	6080443	JF	05-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			93.4 %		39-120	6080443	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 77 (3')**H264463-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	336		16.0	mg/kg	4	6080508	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080449	JH	04-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	98.1 %	70.7-129	6080449	JH	04-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B

Surrogate: 1-Chlorooctane	87.2 %	48-117	6080443	JF	05-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	89.3 %	39-120	6080443	JF	05-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 78 (3')
H264463-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	272		16.0	mg/kg	4	6080508	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080449	JH	04-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		96.3 %		70.7-129	6080449	JH	04-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>		77.4 %		48-117	6080443	JF	05-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		78.9 %		39-120	6080443	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 79 (3')
H264463-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	336		16.0	mg/kg	4	6080508	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080449	JH	04-Aug-26	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.0 %	70.7-129		6080449	JH	04-Aug-26	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	
<i>Surrogate: 1-Chlorooctane</i>			93.2 %	48-117		6080443	JF	05-Aug-26	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			95.2 %	39-120		6080443	JF	05-Aug-26	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 80 (3')
H264463-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	384		16.0	mg/kg	4	6080508	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080449	JH	04-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080449	JH	04-Aug-26	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.8 %	70.7-129		6080449	JH	04-Aug-26	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	
<i>Surrogate: 1-Chlorooctane</i>			89.9 %	48-117		6080443	JF	05-Aug-26	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			90.9 %	39-120		6080443	JF	05-Aug-26	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 81 (3')
H264463-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	336		16.0	mg/kg	4	6080508	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080449	JH	05-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.3 %	70.7-129		6080449	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080443	JF	05-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			90.7 %	48-117		6080443	JF	05-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			92.1 %	39-120		6080443	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 82 (3')
H264463-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	6080508	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080449	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.3 %	70.7-129	6080449	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	

Surrogate: 1-Chlorooctane	70.9 %	48-117	6080452	JF	04-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	67.8 %	39-120	6080452	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 83 (3')
H264463-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	304		16.0	mg/kg	4	6080508	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080449	JH	05-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.9 %		70.7-129	6080449	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			82.9 %		48-117	6080452	JF	04-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			79.6 %		39-120	6080452	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 84 (3')
H264463-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	416		16.0	mg/kg	4	6080508	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080449	JH	05-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.6 %		70.7-129	6080449	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			85.2 %		48-117	6080452	JF	04-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			82.2 %		39-120	6080452	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 85 (3')
H264463-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	336		16.0	mg/kg	4	6080508	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080449	JH	05-Aug-26	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.9 %	70.7-129		6080449	JH	05-Aug-26	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
<i>Surrogate: 1-Chlorooctane</i>			87.8 %	48-117		6080452	JF	04-Aug-26	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			86.0 %	39-120		6080452	JF	04-Aug-26	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 86 (3')
H264463-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	6080508	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080449	JH	05-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.0 %		70.7-129	6080449	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.4 %		48-117	6080452	JF	04-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			80.2 %		39-120	6080452	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 87 (3')
H264463-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	304		16.0	mg/kg	4	6080508	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080449	JH	05-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.1 %		70.7-129	6080449	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.7 %		48-117	6080452	JF	04-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			85.4 %		39-120	6080452	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 88 (3')
H264463-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	448		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080449	JH	05-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.3 %		70.7-129	6080449	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			82.1 %		48-117	6080452	JF	04-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			79.6 %		39-120	6080452	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 89 (3')
H264463-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	400		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080449	JH	05-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.0 %		70.7-129	6080449	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.2 %		48-117	6080452	JF	04-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			84.1 %		39-120	6080452	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 90 (3')
H264463-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080449	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.6 %	70.7-129	6080449	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	

Surrogate: 1-Chlorooctane	86.0 %	48-117	6080452	JF	04-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	82.3 %	39-120	6080452	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 91 (3')
H264463-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	352		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080449	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080449	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	97.5 %	70.7-129	6080449	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	

Surrogate: 1-Chlorooctane	93.4 %	48-117	6080452	JF	04-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	91.3 %	39-120	6080452	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 92 (3')
H264463-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	480		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.3 %		70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			78.5 %		48-117	6080452	JF	04-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			75.4 %		39-120	6080452	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 93 (3')
H264463-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	400		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.7 %	70.7-129		6080450	JH	05-Aug-26	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
<i>Surrogate: 1-Chlorooctane</i>			91.4 %	48-117		6080452	JF	04-Aug-26	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			88.9 %	39-120		6080452	JF	04-Aug-26	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 94 (3')
H264463-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.7 %	70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080452	JF	04-Aug-26	8015B	

Surrogate: 1-Chlorooctane	85.2 %	48-117	6080452	JF	04-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	82.0 %	39-120	6080452	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 95 (3')
H264463-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	336		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			95.7 %	70.7-129		6080450	JH	05-Aug-26	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	
Surrogate: 1-Chlorooctane			92.1 %	48-117		6080452	JF	05-Aug-26	8015B	
Surrogate: 1-Chlorooctadecane			88.8 %	39-120		6080452	JF	05-Aug-26	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 96 (3')
H264463-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	432		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.1 %		70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.0 %		48-117	6080452	JF	05-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			89.6 %		39-120	6080452	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 97 (3')
H264463-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	304		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.8 %	70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	

Surrogate: 1-Chlorooctane	85.6 %	48-117	6080452	JF	05-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	82.7 %	39-120	6080452	JF	05-Aug-26	8015B	
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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 98 (3')
H264463-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.0 %		70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			89.7 %		48-117	6080452	JF	05-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			87.6 %		39-120	6080452	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 99 (3')
H264463-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.5 %	70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	

Surrogate: 1-Chlorooctane	90.1 %	48-117	6080452	JF	05-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	88.0 %	39-120	6080452	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 100 (3')**H264463-29 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	416		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.2 %	70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	

Surrogate: 1-Chlorooctane	84.6 %	48-117	6080452	JF	05-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	81.1 %	39-120	6080452	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 101 (3')**H264463-30 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.4 %	70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080452	JF	05-Aug-26	8015B	

Surrogate: 1-Chlorooctane	85.2 %	48-117	6080452	JF	05-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	83.1 %	39-120	6080452	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 102 (3')**H264463-31 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.0 %	70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	

Surrogate: 1-Chlorooctane	83.5 %	48-117	6080453	JF	04-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	84.2 %	39-120	6080453	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 103 (3')**H264463-32 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	336		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.4 %	70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	

Surrogate: 1-Chlorooctane	89.3 %	48-117	6080453	JF	04-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	90.8 %	39-120	6080453	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 104 (3')**H264463-33 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	432		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.7 %	70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	

Surrogate: 1-Chlorooctane	69.2 %	48-117	6080453	JF	04-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	69.2 %	39-120	6080453	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 105 (3')**H264463-34 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	304		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.7 %		70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	

Surrogate: 1-Chlorooctane			72.7 %		48-117	6080453	JF	04-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			74.1 %		39-120	6080453	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 106 (3')**H264463-35 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.4 %	70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	

Surrogate: 1-Chlorooctane	85.4 %	48-117	6080453	JF	04-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	82.2 %	39-120	6080453	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 107 (3')**H264463-36 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	368		16.0	mg/kg	4	6080509	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.5 %	70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	

Surrogate: 1-Chlorooctane	87.6 %	48-117	6080453	JF	04-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	84.9 %	39-120	6080453	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 108 (3')**H264463-37 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	400		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.9 %		70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			78.0 %		48-117	6080453	JF	04-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			78.3 %		39-120	6080453	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 109 (3')**H264463-38 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	336		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.6 %	70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080453	JF	04-Aug-26	8015B	

Surrogate: 1-Chlorooctane	90.8 %	48-117	6080453	JF	04-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	92.1 %	39-120	6080453	JF	04-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

SW - 13 (3')**H264463-39 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	336		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.0 %	70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	

Surrogate: 1-Chlorooctane	90.7 %	48-117	6080453	JF	05-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	90.1 %	39-120	6080453	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

SW - 14 (3')**H264463-40 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080450	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080450	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.3 %	70.7-129	6080450	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	

Surrogate: 1-Chlorooctane	96.9 %	48-117	6080453	JF	05-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	98.0 %	39-120	6080453	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

SW - 15 (3')**H264463-41 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	352		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.1 %	70.7-129	6080451	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	

Surrogate: 1-Chlorooctane	87.4 %	48-117	6080453	JF	05-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	86.8 %	39-120	6080453	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

SW - 16 (3')**H264463-42 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	384		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	97.3 %	70.7-129	6080451	JH	05-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B

Surrogate: 1-Chlorooctane	74.6 %	48-117	6080453	JF	05-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	73.8 %	39-120	6080453	JF	05-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

SW - 17 (3')**H264463-43 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	304		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.8 %	70.7-129	6080451	JH	05-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B

Surrogate: 1-Chlorooctane	84.6 %	48-117	6080453	JF	05-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	81.8 %	39-120	6080453	JF	05-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

SW - 18 (3')**H264463-44 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.2 %		70.7-129	6080451	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			77.4 %		48-117	6080453	JF	05-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			74.7 %		39-120	6080453	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

SW - 19 (3')**H264463-45 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	336		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.5 %	70.7-129	6080451	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	

Surrogate: 1-Chlorooctane	93.8 %	48-117	6080453	JF	05-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	90.8 %	39-120	6080453	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

SW - 20 (3')**H264463-46 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	416		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.0 %	70.7-129	6080451	JH	05-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B

Surrogate: 1-Chlorooctane	81.2 %	48-117	6080453	JF	05-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	77.5 %	39-120	6080453	JF	05-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

SW - 21 (3')**H264463-47 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	368		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.6 %	70.7-129	6080451	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	

Surrogate: 1-Chlorooctane	94.0 %	48-117	6080453	JF	05-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	92.9 %	39-120	6080453	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

SW - 22 (3')**H264463-48 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.2 %		70.7-129	6080451	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			94.9 %		48-117	6080453	JF	05-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			94.2 %		39-120	6080453	JF	05-Aug-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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

SW - 23 (3')**H264463-49 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		95.4 %		70.7-129	6080451	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>		94.8 %		48-117	6080453	JF	05-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		96.1 %		39-120	6080453	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

SW - 24 (3')**H264463-50 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	448		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		96.8 %		70.7-129	6080451	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080453	JF	05-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>		88.8 %		48-117	6080453	JF	05-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		89.0 %		39-120	6080453	JF	05-Aug-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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

SW - 25 (3')**H264463-51 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.4 %	70.7-129	6080451	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	

Surrogate: 1-Chlorooctane	92.8 %	48-117	6080454	JF	05-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	89.0 %	39-120	6080454	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

SW - 26 (3')**H264463-52 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.3 %	70.7-129	6080451	JH	05-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B

Surrogate: 1-Chlorooctane	92.5 %	48-117	6080454	JF	05-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	88.8 %	39-120	6080454	JF	05-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 48 (5')
H264463-53 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.0 %		70.7-129	6080451	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	

Surrogate: 1-Chlorooctane			95.1 %		48-117	6080454	JF	05-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			90.6 %		39-120	6080454	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 51 (5')
H264463-54 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	400		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.0 %	70.7-129		6080451	JH	05-Aug-26	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	
<i>Surrogate: 1-Chlorooctane</i>			93.1 %	48-117		6080454	JF	05-Aug-26	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			90.6 %	39-120		6080454	JF	05-Aug-26	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 55 (2.25')**H264463-55 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	416		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.1 %	70.7-129	6080451	JH	05-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B

Surrogate: 1-Chlorooctane	95.3 %	48-117	6080454	JF	05-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	93.4 %	39-120	6080454	JF	05-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 56 (2.25')**H264463-56 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	288		16.0	mg/kg	4	6080510	KH	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.9 %	70.7-129	6080451	JH	05-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B

Surrogate: 1-Chlorooctane	91.8 %	48-117	6080454	JF	05-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	88.8 %	39-120	6080454	JF	05-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 57 (2.25')**H264463-57 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	6080511	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.9 %		70.7-129	6080451	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	

Surrogate: 1-Chlorooctane			91.5 %		48-117	6080454	JF	05-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			88.1 %		39-120	6080454	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 58 (2.25')**H264463-58 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	448		16.0	mg/kg	4	6080511	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.1 %		70.7-129	6080451	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			93.1 %		48-117	6080454	JF	05-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			89.0 %		39-120	6080454	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 59 (2.25')**H264463-59 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	464		16.0	mg/kg	4	6080511	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.8 %	70.7-129	6080451	JH	05-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B	

Surrogate: 1-Chlorooctane	99.2 %	48-117	6080454	JF	05-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	95.4 %	39-120	6080454	JF	05-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 60 (2.25')**H264463-60 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	6080511	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B
Toluene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080451	JH	05-Aug-26	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	6080451	JH	05-Aug-26	8021B
Total BTEX	<0.300	0.300	mg/kg	50	6080451	JH	05-Aug-26	8021B

Surrogate: 4-Bromofluorobenzene (PID)	97.1 %	70.7-129	6080451	JH	05-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B

Surrogate: 1-Chlorooctane	91.6 %	48-117	6080454	JF	05-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	87.4 %	39-120	6080454	JF	05-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

CS - 62 (2.25')**H264463-61 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	6080511	ED	05-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080445	JH	05-Aug-26	8021B
Toluene*	<0.050	0.050	mg/kg	50	6080445	JH	05-Aug-26	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080445	JH	05-Aug-26	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	6080445	JH	05-Aug-26	8021B
Total BTEX	<0.300	0.300	mg/kg	50	6080445	JH	05-Aug-26	8021B

Surrogate: 4-Bromofluorobenzene (PID)	91.6 %	70.7-129	6080445	JH	05-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080454	JF	05-Aug-26	8015B

Surrogate: 1-Chlorooctane	96.8 %	48-117	6080454	JF	05-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	93.1 %	39-120	6080454	JF	05-Aug-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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6080508 - 1:4 DI Water**Blank (6080508-BLK1)**

Prepared & Analyzed: 05-Aug-26

Chloride	ND	16.0	mg/kg							
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LCS (6080508-BS1)

Prepared & Analyzed: 05-Aug-26

Chloride	432	16.0	mg/kg	400		108	80-120			
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LCS Dup (6080508-BSD1)

Prepared & Analyzed: 05-Aug-26

Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
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Batch 6080509 - 1:4 DI Water**Blank (6080509-BLK1)**

Prepared & Analyzed: 05-Aug-26

Chloride	ND	16.0	mg/kg							
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LCS (6080509-BS1)

Prepared & Analyzed: 05-Aug-26

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (6080509-BSD1)

Prepared & Analyzed: 05-Aug-26

Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
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Batch 6080510 - 1:4 DI Water**Blank (6080510-BLK1)**

Prepared & Analyzed: 05-Aug-26

Chloride	ND	16.0	mg/kg							
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LCS (6080510-BS1)

Prepared & Analyzed: 05-Aug-26

Chloride	448	16.0	mg/kg	400		112	80-120			
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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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6080510 - 1:4 DI Water**LCS Dup (6080510-BSD1)**

Prepared & Analyzed: 05-Aug-26

Chloride	432	16.0	mg/kg	400	108	80-120	3.64	20
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Batch 6080511 - 1:4 DI Water**Blank (6080511-BLK1)**

Prepared & Analyzed: 05-Aug-26

Chloride	ND	16.0	mg/kg
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LCS (6080511-BS1)

Prepared & Analyzed: 05-Aug-26

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (6080511-BSD1)

Prepared & Analyzed: 05-Aug-26

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20
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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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

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
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Batch 6080445 - Volatiles**Blank (6080445-BLK1)**

Prepared: 04-Aug-26 Analyzed: 05-Aug-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		92.7	70.7-129			

LCS (6080445-BS1)

Prepared: 04-Aug-26 Analyzed: 05-Aug-26

Benzene	2.01	0.050	mg/kg	2.00		101	93.2-121			
Toluene	1.87	0.050	mg/kg	2.00		93.4	88.7-117			
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	81.4-123			
m,p-Xylene	4.03	0.100	mg/kg	4.00		101	76.3-126			
o-Xylene	1.98	0.050	mg/kg	2.00		99.1	76.2-125			
Total Xylenes	6.01	0.150	mg/kg	6.00		100	76.6-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0451		mg/kg	0.0500		90.2	70.7-129			

LCS Dup (6080445-BS1)

Prepared: 04-Aug-26 Analyzed: 05-Aug-26

Benzene	1.99	0.050	mg/kg	2.00		99.7	93.2-121	0.997	7.62	
Toluene	1.85	0.050	mg/kg	2.00		92.5	88.7-117	0.960	9.57	
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.4	81.4-123	1.51	11	
m,p-Xylene	3.95	0.100	mg/kg	4.00		98.9	76.3-126	1.83	11.2	
o-Xylene	1.95	0.050	mg/kg	2.00		97.4	76.2-125	1.68	11	
Total Xylenes	5.90	0.150	mg/kg	6.00		98.4	76.6-125	1.78	11.1	
Surrogate: 4-Bromofluorobenzene (PID)	0.0462		mg/kg	0.0500		92.4	70.7-129			

Batch 6080449 - Volatiles**Blank (6080449-BLK1)**

Prepared & Analyzed: 04-Aug-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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Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

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
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Batch 6080449 - Volatiles**Blank (6080449-BLK1)**

Prepared & Analyzed: 04-Aug-26

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		96.4	70.7-129			

LCS (6080449-BS1)

Prepared & Analyzed: 04-Aug-26

Benzene	2.05	0.050	mg/kg	2.00		103	93.2-121			
Toluene	1.94	0.050	mg/kg	2.00		96.8	88.7-117			
Ethylbenzene	1.97	0.050	mg/kg	2.00		98.5	81.4-123			
m,p-Xylene	3.80	0.100	mg/kg	4.00		94.9	76.3-126			
o-Xylene	1.89	0.050	mg/kg	2.00		94.7	76.2-125			
Total Xylenes	5.69	0.150	mg/kg	6.00		94.8	76.6-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0469		mg/kg	0.0500		93.7	70.7-129			

LCS Dup (6080449-BSD1)

Prepared & Analyzed: 04-Aug-26

Benzene	2.07	0.050	mg/kg	2.00		104	93.2-121	1.12	7.62	
Toluene	1.96	0.050	mg/kg	2.00		98.1	88.7-117	1.30	9.57	
Ethylbenzene	2.00	0.050	mg/kg	2.00		99.8	81.4-123	1.24	11	
m,p-Xylene	3.85	0.100	mg/kg	4.00		96.3	76.3-126	1.44	11.2	
o-Xylene	1.93	0.050	mg/kg	2.00		96.3	76.2-125	1.71	11	
Total Xylenes	5.78	0.150	mg/kg	6.00		96.3	76.6-125	1.53	11.1	
Surrogate: 4-Bromofluorobenzene (PID)	0.0472		mg/kg	0.0500		94.3	70.7-129			

Batch 6080450 - Volatiles**Blank (6080450-BLK1)**

Prepared: 04-Aug-26 Analyzed: 05-Aug-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		95.2	70.7-129			

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Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

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
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Batch 6080450 - Volatiles**LCS (6080450-BS1)**

Prepared: 04-Aug-26 Analyzed: 05-Aug-26

Benzene	2.22	0.050	mg/kg	2.00		111	93.2-121			
Toluene	2.10	0.050	mg/kg	2.00		105	88.7-117			
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	81.4-123			
m,p-Xylene	3.95	0.100	mg/kg	4.00		98.7	76.3-126			
o-Xylene	1.96	0.050	mg/kg	2.00		98.2	76.2-125			
Total Xylenes	5.91	0.150	mg/kg	6.00		98.5	76.6-125			

Surrogate: 4-Bromofluorobenzene (PID)

0.0471

mg/kg

0.0500

94.1

70.7-129

LCS Dup (6080450-BSD1)

Prepared: 04-Aug-26 Analyzed: 05-Aug-26

Benzene	2.28	0.050	mg/kg	2.00		114	93.2-121	2.69	7.62	
Toluene	2.16	0.050	mg/kg	2.00		108	88.7-117	2.98	9.57	
Ethylbenzene	2.07	0.050	mg/kg	2.00		103	81.4-123	2.40	11	
m,p-Xylene	4.05	0.100	mg/kg	4.00		101	76.3-126	2.59	11.2	
o-Xylene	2.01	0.050	mg/kg	2.00		100	76.2-125	2.17	11	
Total Xylenes	6.06	0.150	mg/kg	6.00		101	76.6-125	2.45	11.1	

Surrogate: 4-Bromofluorobenzene (PID)

0.0467

mg/kg

0.0500

93.4

70.7-129

Batch 6080451 - Volatiles**Blank (6080451-BLK1)**

Prepared: 04-Aug-26 Analyzed: 05-Aug-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

96.2

70.7-129

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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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

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 6080451 - Volatiles**LCS (6080451-BS1)**

Prepared: 04-Aug-26 Analyzed: 05-Aug-26

Benzene	2.03	0.050	mg/kg	2.00		102	93.2-121			
Toluene	1.94	0.050	mg/kg	2.00		97.2	88.7-117			
Ethylbenzene	1.98	0.050	mg/kg	2.00		98.9	81.4-123			
m,p-Xylene	3.82	0.100	mg/kg	4.00		95.5	76.3-126			
o-Xylene	1.91	0.050	mg/kg	2.00		95.3	76.2-125			
Total Xylenes	5.73	0.150	mg/kg	6.00		95.5	76.6-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0485		mg/kg	0.0500		97.0	70.7-129			

LCS Dup (6080451-BS1)

Prepared: 04-Aug-26 Analyzed: 05-Aug-26

Benzene	2.12	0.050	mg/kg	2.00		106	93.2-121	4.26	7.62	
Toluene	2.00	0.050	mg/kg	2.00		99.9	88.7-117	2.77	9.57	
Ethylbenzene	2.04	0.050	mg/kg	2.00		102	81.4-123	3.14	11	
m,p-Xylene	3.94	0.100	mg/kg	4.00		98.6	76.3-126	3.17	11.2	
o-Xylene	1.97	0.050	mg/kg	2.00		98.5	76.2-125	3.24	11	
Total Xylenes	5.91	0.150	mg/kg	6.00		98.6	76.6-125	3.19	11.1	
Surrogate: 4-Bromofluorobenzene (PID)	0.0471		mg/kg	0.0500		94.3	70.7-129			

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

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
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Batch 6080443 - General Prep - Organics**Blank (6080443-BLK1)**

Prepared & Analyzed: 04-Aug-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	43.9		mg/kg	50.0		87.8	48-117			
Surrogate: 1-Chlorooctadecane	44.8		mg/kg	50.0		89.7	39-120			

LCS (6080443-BS1)

Prepared & Analyzed: 04-Aug-26

GRO C6-C10	205	10.0	mg/kg	200		103	80.3-117			
DRO >C10-C28	197	10.0	mg/kg	200		98.5	73.6-125			
Total TPH C6-C28	402	10.0	mg/kg	400		101	78.1-120			
Surrogate: 1-Chlorooctane	46.1		mg/kg	50.0		92.2	48-117			
Surrogate: 1-Chlorooctadecane	48.2		mg/kg	50.0		96.4	39-120			

LCS Dup (6080443-BS1)

Prepared & Analyzed: 04-Aug-26

GRO C6-C10	213	10.0	mg/kg	200		107	80.3-117	3.79	7.91	
DRO >C10-C28	206	10.0	mg/kg	200		103	73.6-125	4.38	9.09	
Total TPH C6-C28	419	10.0	mg/kg	400		105	78.1-120	4.08	8.12	
Surrogate: 1-Chlorooctane	49.0		mg/kg	50.0		98.0	48-117			
Surrogate: 1-Chlorooctadecane	51.3		mg/kg	50.0		103	39-120			

Batch 6080452 - General Prep - Organics**Blank (6080452-BLK1)**

Prepared & Analyzed: 04-Aug-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	43.3		mg/kg	50.0		86.6	48-117			
Surrogate: 1-Chlorooctadecane	41.6		mg/kg	50.0		83.1	39-120			

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

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
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Batch 6080452 - General Prep - Organics**LCS (6080452-BS1)**

Prepared & Analyzed: 04-Aug-26

GRO C6-C10	203	10.0	mg/kg	200		101	80.3-117			
DRO >C10-C28	200	10.0	mg/kg	200		100	73.6-125			
Total TPH C6-C28	403	10.0	mg/kg	400		101	78.1-120			
Surrogate: 1-Chlorooctane	53.4		mg/kg	50.0		107	48-117			
Surrogate: 1-Chlorooctadecane	50.1		mg/kg	50.0		100	39-120			

LCS Dup (6080452-BSD1)

Prepared & Analyzed: 04-Aug-26

GRO C6-C10	207	10.0	mg/kg	200		104	80.3-117	2.14	7.91	
DRO >C10-C28	199	10.0	mg/kg	200		99.5	73.6-125	0.591	9.09	
Total TPH C6-C28	406	10.0	mg/kg	400		102	78.1-120	0.793	8.12	
Surrogate: 1-Chlorooctane	53.8		mg/kg	50.0		108	48-117			
Surrogate: 1-Chlorooctadecane	48.7		mg/kg	50.0		97.3	39-120			

Batch 6080453 - General Prep - Organics**Blank (6080453-BLK1)**

Prepared & Analyzed: 04-Aug-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	46.0		mg/kg	50.0		91.9	48-117			
Surrogate: 1-Chlorooctadecane	45.1		mg/kg	50.0		90.3	39-120			

LCS (6080453-BS1)

Prepared & Analyzed: 04-Aug-26

GRO C6-C10	207	10.0	mg/kg	200		104	80.3-117			
DRO >C10-C28	212	10.0	mg/kg	200		106	73.6-125			
Total TPH C6-C28	420	10.0	mg/kg	400		105	78.1-120			
Surrogate: 1-Chlorooctane	49.1		mg/kg	50.0		98.2	48-117			
Surrogate: 1-Chlorooctadecane	49.1		mg/kg	50.0		98.2	39-120			

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
05-Aug-26 13:55

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
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Batch 6080453 - General Prep - Organics**LCS Dup (6080453-BSD1)**

Prepared & Analyzed: 04-Aug-26

GRO C6-C10	209	10.0	mg/kg	200		105	80.3-117	1.10	7.91	
DRO >C10-C28	220	10.0	mg/kg	200		110	73.6-125	3.27	9.09	
Total TPH C6-C28	429	10.0	mg/kg	400		107	78.1-120	2.21	8.12	
Surrogate: 1-Chlorooctane	50.7		mg/kg	50.0		101	48-117			
Surrogate: 1-Chlorooctadecane	52.3		mg/kg	50.0		105	39-120			

Batch 6080454 - General Prep - Organics**Blank (6080454-BLK1)**

Prepared: 04-Aug-26 Analyzed: 05-Aug-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	47.9		mg/kg	50.0		95.8	48-117			
Surrogate: 1-Chlorooctadecane	45.3		mg/kg	50.0		90.6	39-120			

LCS (6080454-BS1)

Prepared: 04-Aug-26 Analyzed: 05-Aug-26

GRO C6-C10	214	10.0	mg/kg	200		107	80.3-117			
DRO >C10-C28	202	10.0	mg/kg	200		101	73.6-125			
Total TPH C6-C28	416	10.0	mg/kg	400		104	78.1-120			
Surrogate: 1-Chlorooctane	56.8		mg/kg	50.0		114	48-117			
Surrogate: 1-Chlorooctadecane	50.7		mg/kg	50.0		101	39-120			

LCS Dup (6080454-BSD1)

Prepared: 04-Aug-26 Analyzed: 05-Aug-26

GRO C6-C10	213	10.0	mg/kg	200		106	80.3-117	0.833	7.91	
DRO >C10-C28	203	10.0	mg/kg	200		102	73.6-125	0.910	9.09	
Total TPH C6-C28	416	10.0	mg/kg	400		104	78.1-120	0.0154	8.12	
Surrogate: 1-Chlorooctane	53.1		mg/kg	50.0		106	48-117			
Surrogate: 1-Chlorooctadecane	51.3		mg/kg	50.0		103	39-120			

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 18444403

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Hadlie_Stout@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	
Project Number:	2687	Due Date:	24 HR		
Project Location:	Eddy County, New Mexico				
Sampler's Name:	JM & JR				
PO #:					
SAMPLE RECEIPT					
Received Intact:	Temp Blank: Yes ☒ No ☐	Yes ☒ No ☐	Wet Ice: Yes ☒ No ☐	Parameters	
	Yes ☒ No ☐	Thermometer ID:	440		
	Yes ☒ No ☐	Correction Factor:	10.1		
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:	3.4		
Total Containers:	Yes ☒ No ☐	Corrected Temperature:	3.5		

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/4/26 10:37		

Chain of Custody

Work Order No: HA044113

Page 2 of 7

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	
Project Number:	2687	Due Date:	24 HR		
Project Location:	Eddy County, New Mexico				
Sampler's Name:	JM & JR				
PO #:					
SAMPLE RECEIPT	Temp Blank: Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	Parameters	
Received Intact:	Yes ☒ No ☐	Thermometer ID:	140	BTEX 8021B	
Corr. Custody Seals:	N/A	Correction Factor:	1.01	TPH 8015M (GRO + DRO + MRO)	
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:	3.4	Chloride 4500	
Total Containers:	N/A	Corrected Temperature:	3.5		

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Comments: Email to Mike Carmona / Mccarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/4/2026 10:07		

Chain of Custody

Work Order No:

481044102

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	2687															None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico	Due Date:	24 HR													Cool: Cool	MeOH: Me
Sampler's Name:	JM & JR															HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT				Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☐ No ☒	Parameters								H ₃ PO ₄ : HP	
Received Intact:	Yes ☒ No ☐	Thermometer ID:	140	BT X 8021B TPH 3015M (GRO + DRO + MRO) Chloride 4500								NaHSO ₄ : NABIS					
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:	10.1									Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:	3.4									Zn Acetate+NaOH: Zn					
Total Containers:	Yes ☒ No ☐	Corrected Temperature:	3.5									NaOH+Ascorbic Acid: SAPC					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Sample Comments
CS-92 (3')	8/4/2026	10:00 AM	X		Comp	1	X	X	X								21
CS-93 (3')	8/4/2026	10:03 AM	X		Comp	1	X	X	X								22
CS-94 (3')	8/4/2026	10:06 AM	X		Comp	1	X	X	X								23
CS-95 (3')	8/4/2026	10:09 AM	X		Comp	1	X	X	X								24
CS-96 (3')	8/4/2026	10:12 AM	X		Comp	1	X	X	X								25
CS-97 (3')	8/4/2026	10:15 AM	X		Comp	1	X	X	X								26
CS-98 (3')	8/4/2026	10:18 AM	X		Comp	1	X	X	X								27
CS-99 (3')	8/4/2026	10:21 AM	X		Comp	1	X	X	X								28
CS-100 (3')	8/4/2026	10:24 AM	X		Comp	1	X	X	X								29
CS-101 (3')	8/4/2026	10:27 AM	X		Comp	1	X	X	X								30

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/4/2026 10:27	Spaackigung	

Chain of Custody

Work Order No: 1426446

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number:	2687															None: NO	DI Water: H ₂ O	
Project Location:	Eddy County, New Mexico	Due Date:	24 HR													Cool: Cool	MeOH: Me	
Sampler's Name:	JM & JR															HCL: HC	HNO ₃ : HN	
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes	No	Yes	No	Well Ice:	Yes	No	Parameters								H ₃ PO ₄ : HP	
Received Intact:	Yes	No	Thermometer ID:	740														
Sample Custody Seals:	Yes	No	Corrected Temp. Reading:	3.4														
Total Containers:	Yes	No	Corrected Temperature:	3.5														

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Sample Comments
CS-102 (3)	8/4/2026	10:30 AM	X		Comp	1	X	X	X								31
CS-103 (3)	8/4/2026	10:33 AM	X		Comp	1	X	X	X								33
CS-104 (3)	8/4/2026	10:36 AM	X		Comp	1	X	X	X								33
CS-105 (3)	8/4/2026	10:39 AM	X		Comp	1	X	X	X								34
CS-106 (3)	8/4/2026	10:42 AM	X		Comp	1	X	X	X								35
CS-107 (3)	8/4/2026	10:45 AM	X		Comp	1	X	X	X								36
CS-108 (3)	8/4/2026	10:48 AM	X		Comp	1	X	X	X								37
CS-109 (3)	8/4/2026	10:51 AM	X		Comp	1	X	X	X								38
SW-13 (3)	8/4/2026	10:54 AM	X		Comp	1	X	X	X								39
SW-14 (3)	8/4/2026	10:57 AM	X		Comp	1	X	X	X								40

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/4/26 16:37		

Chain of Custody

Work Order No: 161044103

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	2687	Due Date:	24 HR												None: NO	DI Water: H ₂ O	
Project Location:	Eddy County, New Mexico														Cool: Cool	MeOH: Me	
Sampler's Name:	JM & JR														HCL: HC	HNO ₃ : HN	
PO #:															H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐											H ₃ PO ₄ : HP	
Received Intact:	Yes ☒ No ☐	Thermometer ID:	140													NaHSO ₄ : NABIS	
Sample Custody Seals:	Yes ☒ No ☐ N/A	Correction Factor:	10.1													Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers:	Yes ☒ No ☐ N/A	Temperature Reading:	3.4													Zn Acetate+NaOH: Zn	
		Corrected Temperature:	3.5													NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
SW-15 (3)	8/4/2026	11:00 AM	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
	8/4/26 14:27		

Chain of Custody

Work Order No: 142444

Project Manager:	Comer Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5508 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code		
Project Number:	2687	Due Date:	24 HR			
Project Location:	Eddy County, New Mexico					
Sampler's Name:	JM & JR					
PO #:						
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No
Received Intact:	Yes	No		Thermometer ID:	7140	
Corrected Temperature:	N/A			Correction Factor:	10.4	
Sample Custody Seals:	Yes	No	N/A	Temperature Reading	33.5	
Total Containers:		Corrected Temperature:				

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Comer Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/4/2026 14:37		

Chain of Custody

Work Order No.:

Page 82 of 82

Project Manager: Conner Moehring

Company Name: Carmona Resources

Address: 310 W Wall St Ste 500

City, State ZIP: Midland, TX 79701

Phone: (432) 813-6823

Bill to: (if different)

Company Name: EOG Resources

Address: 5509 Champions Dr

City, State ZIP: Midland, TX 79706

Email: Hadlie.Stout@eogresources.com

Project Name: Deep Elem Spill (03.26.25)

Project Number: 2687

Project Location: Eddy County, New Mexico

Sampler's Name: JM & JR

PO #:

Turn Around

☐ Routine

☒ Rush

Due Date: 24 HR

SAMPLE RECEIPT

Received In tact: Yes

Correct Custody Seals: Yes

Total Containers: 1

Temp Blank: Yes

Thermometer ID: 140

Well Ice: Yes

Parameters: BTX 8021B

TPH 3015M (BRO + DRO + MRO)

Chloride 4500

Sample Identification

CS-60 (2.25)

8/4/2026

12:25 PM

X

Comp

1

X

X

X

Sample Comments

10/15/26

ANALYSIS REQUEST

Preservative Codes

Program: UST/PST

State of Project:

Reporting Level II

Deliverables: EDD

Work Order Comments

Program: UST/PST

State of Project:

Reporting Level II

Deliverables: EDD

Relinquished by: (Signature)

Date/Time: 8/4/2026 10:37

Received by: (Signature)

Date/Time:



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 10, 2026

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: DEEP ELEM SPILL (03.26.25)

Enclosed are the results of analyses for samples received by the laboratory on 08/07/26 13:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. 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 accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-244 (1.5') (H264577-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53	
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362	
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28	
Total BTEx	<0.300	0.300	08/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: SA						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/08/2026	ND	480	120	400	3.39	QM-07	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2026	ND	201	100	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/07/2026	ND	198	99.2	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	08/07/2026	ND					

Surrogate: 1-Chlorooctane 85.1 % 48-117

Surrogate: 1-Chlorooctadecane 82.0 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-245 (1.5') (H264577-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53	
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362	
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28	
Total BTX	<0.300	0.300	08/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	08/08/2026	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2026	ND	201	100	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/07/2026	ND	198	99.2	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	08/07/2026	ND					

Surrogate: 1-Chlorooctane 74.3 % 48-117

Surrogate: 1-Chlorooctadecane 69.4 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-246 (1.5') (H264577-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53	
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362	
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28	
Total BTEX	<0.300	0.300	08/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	08/08/2026	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2026	ND	201	100	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/07/2026	ND	198	99.2	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	08/07/2026	ND					

Surrogate: 1-Chlorooctane 85.9 % 48-117

Surrogate: 1-Chlorooctadecane 81.6 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-247 (1.5') (H264577-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53	
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362	
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28	
Total BTEx	<0.300	0.300	08/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	08/08/2026	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2026	ND	201	100	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/07/2026	ND	198	99.2	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	08/07/2026	ND					

Surrogate: 1-Chlorooctane 81.0 % 48-117

Surrogate: 1-Chlorooctadecane 77.3 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-248 (1.5') (H264577-05)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53	
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362	
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28	
Total BTEx	<0.300	0.300	08/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	08/08/2026	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2026	ND	201	100	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/07/2026	ND	198	99.2	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	08/07/2026	ND					

Surrogate: 1-Chlorooctane 85.0 % 48-117

Surrogate: 1-Chlorooctadecane 81.6 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-249 (1.5') (H264577-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53	
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362	
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28	
Total BTEx	<0.300	0.300	08/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/08/2026	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2026	ND	201	100	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/07/2026	ND	198	99.2	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	08/07/2026	ND					

Surrogate: 1-Chlorooctane 83.4 % 48-117

Surrogate: 1-Chlorooctadecane 76.3 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-250 (1.5') (H264577-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53	
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362	
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28	
Total BTEx	<0.300	0.300	08/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/08/2026	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2026	ND	201	100	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/07/2026	ND	198	99.2	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	08/07/2026	ND					

Surrogate: 1-Chlorooctane 97.6 % 48-117

Surrogate: 1-Chlorooctadecane 94.3 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-251 (1.5') (H264577-08)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53	
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362	
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28	
Total BTEx	<0.300	0.300	08/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/08/2026	ND	480	120	400	3.39		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2026	ND	201	100	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/07/2026	ND	198	99.2	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	08/07/2026	ND					

Surrogate: 1-Chlorooctane 87.5 % 48-117

Surrogate: 1-Chlorooctadecane 83.0 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-252 (1.5') (H264577-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53	
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362	
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28	
Total BTEX	<0.300	0.300	08/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: SA						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/08/2026	ND	480	120	400	3.39		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2026	ND	201	100	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/08/2026	ND	198	99.2	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	08/08/2026	ND					

Surrogate: 1-Chlorooctane 99.9 % 48-117

Surrogate: 1-Chlorooctadecane 97.4 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-253 (1.5') (H264577-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53		
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61		
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28		
Total BTEx	<0.300	0.300	08/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	08/08/2026	ND	480	120	400	3.39		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2026	ND	201	100	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/08/2026	ND	198	99.2	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	08/08/2026	ND					

Surrogate: 1-Chlorooctane 99.3 % 48-117

Surrogate: 1-Chlorooctadecane 96.7 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-254 (1.5') (H264577-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53	
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362	
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28	
Total BTEx	<0.300	0.300	08/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/08/2026	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2026	ND	201	100	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/08/2026	ND	198	99.2	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	08/08/2026	ND					

Surrogate: 1-Chlorooctane 67.8 % 48-117

Surrogate: 1-Chlorooctadecane 62.7 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-255 (1.5') (H264577-12)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53	
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362	
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28	
Total BTX	<0.300	0.300	08/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/08/2026	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2026	ND	201	100	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/08/2026	ND	198	99.2	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	08/08/2026	ND					

Surrogate: 1-Chlorooctane 67.8 % 48-117

Surrogate: 1-Chlorooctadecane 63.4 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-256 (1.5') (H264577-13)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53	
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362	
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28	
Total BTEx	<0.300	0.300	08/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/08/2026	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2026	ND	201	100	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/08/2026	ND	198	99.2	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	08/08/2026	ND					

Surrogate: 1-Chlorooctane 69.2 % 48-117

Surrogate: 1-Chlorooctadecane 65.2 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-257 (1.5') (H264577-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53		
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61		
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28		
Total BTEx	<0.300	0.300	08/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/08/2026	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2026	ND	201	100	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/08/2026	ND	198	99.2	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	08/08/2026	ND					

Surrogate: 1-Chlorooctane 90.0 % 48-117

Surrogate: 1-Chlorooctadecane 87.2 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-258 (1.5') (H264577-15)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53	
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362	
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28	
Total BTEx	<0.300	0.300	08/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/08/2026	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2026	ND	221	111	200	2.34	
DRO >C10-C28*	<10.0	10.0	08/07/2026	ND	241	120	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	08/07/2026	ND					

Surrogate: 1-Chlorooctane 95.3 % 48-117

Surrogate: 1-Chlorooctadecane 91.3 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-259 (1.5') (H264577-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53		
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61		
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28		
Total BTEx	<0.300	0.300	08/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/08/2026	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2026	ND	221	111	200	2.34	
DRO >C10-C28*	<10.0	10.0	08/08/2026	ND	241	120	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	08/08/2026	ND					

Surrogate: 1-Chlorooctane 117 % 48-117

Surrogate: 1-Chlorooctadecane 115 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-260 (1.5') (H264577-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53		
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61		
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28		
Total BTEX	<0.300	0.300	08/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/08/2026	ND	480	120	400	3.39		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2026	ND	221	111	200	2.34	
DRO >C10-C28*	<10.0	10.0	08/08/2026	ND	241	120	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	08/08/2026	ND					

Surrogate: 1-Chlorooctane 104 % 48-117

Surrogate: 1-Chlorooctadecane 100 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-261 (1.5') (H264577-18)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53	
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362	
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61	
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28	
Total BTEx	<0.300	0.300	08/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/08/2026	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2026	ND	221	111	200	2.34	
DRO >C10-C28*	<10.0	10.0	08/08/2026	ND	241	120	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	08/08/2026	ND					

Surrogate: 1-Chlorooctane 94.6 % 48-117

Surrogate: 1-Chlorooctadecane 91.2 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-262 (1.5') (H264577-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53		
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61		
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28		
Total BTEX	<0.300	0.300	08/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 70.7-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: SA						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/08/2026	ND	480	120	400	3.39		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2026	ND	221	111	200	2.34	
DRO >C10-C28*	<10.0	10.0	08/08/2026	ND	241	120	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	08/08/2026	ND					

Surrogate: 1-Chlorooctane 97.3 % 48-117

Surrogate: 1-Chlorooctadecane 93.6 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-263 (1.5') (H264577-20)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/07/2026	ND	2.18	109	2.00	1.53		
Toluene*	<0.050	0.050	08/07/2026	ND	1.95	97.3	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	1.94	96.9	2.00	1.61		
Total Xylenes*	<0.150	0.150	08/07/2026	ND	5.96	99.3	6.00	1.28		
Total BTX	<0.300	0.300	08/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/08/2026	ND	480	120	400	3.39	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2026	ND	221	111	200	2.34	
DRO >C10-C28*	<10.0	10.0	08/08/2026	ND	241	120	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	08/08/2026	ND					

Surrogate: 1-Chlorooctane 95.0 % 48-117

Surrogate: 1-Chlorooctadecane 91.8 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS-264 (1.5') (H264577-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/07/2026	ND	2.10	105	2.00	1.35		
Toluene*	<0.050	0.050	08/07/2026	ND	2.07	103	2.00	0.304		
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	2.07	103	2.00	0.222		
Total Xylenes*	<0.150	0.150	08/07/2026	ND	6.41	107	6.00	0.922		
Total BTEx	<0.300	0.300	08/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/08/2026	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2026	ND	221	111	200	2.34	
DRO >C10-C28*	<10.0	10.0	08/08/2026	ND	241	120	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	08/08/2026	ND					

Surrogate: 1-Chlorooctane 78.3 % 48-117

Surrogate: 1-Chlorooctadecane 75.2 % 39-120

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW-59 (1.5') (H264577-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2026	ND	2.10	105	2.00	1.35	
Toluene*	<0.050	0.050	08/07/2026	ND	2.07	103	2.00	0.304	
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	2.07	103	2.00	0.222	
Total Xylenes*	<0.150	0.150	08/07/2026	ND	6.41	107	6.00	0.922	
Total BTEx	<0.300	0.300	08/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/08/2026	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2026	ND	221	111	200	2.34	
DRO >C10-C28*	<10.0	10.0	08/08/2026	ND	241	120	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	08/08/2026	ND					

Surrogate: 1-Chlorooctane 103 % 48-117

Surrogate: 1-Chlorooctadecane 101 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/07/2026
 Reported: 08/10/2026
 Project Name: DEEP ELEM SPILL (03.26.25)
 Project Number: 2687
 Project Location: EOG - EDDY COUNTY, NM

Sampling Date: 08/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW-60 (1.5') (H264577-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/07/2026	ND	2.10	105	2.00	1.35		
Toluene*	<0.050	0.050	08/07/2026	ND	2.07	103	2.00	0.304		
Ethylbenzene*	<0.050	0.050	08/07/2026	ND	2.07	103	2.00	0.222		
Total Xylenes*	<0.150	0.150	08/07/2026	ND	6.41	107	6.00	0.922		
Total BTEx	<0.300	0.300	08/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.7-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	08/08/2026	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2026	ND	221	111	200	2.34	
DRO >C10-C28*	<10.0	10.0	08/08/2026	ND	241	120	200	1.62	
EXT DRO >C28-C36	<10.0	10.0	08/08/2026	ND					

Surrogate: 1-Chlorooctane 109 % 48-117

Surrogate: 1-Chlorooctadecane 107 % 39-120

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Celey D. Keene, Lab Director/Quality Manager



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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.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: HA04577

Page 1 of 3

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)		Turn Around	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	2687	☐ Routine ☒ Rush	Due Date:	24 HR												None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico															Cool: Cool	MeOH: Me
Sample's Name:	JR															HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☐ No ☒	Parameters											H ₃ PO ₄ : HP	
Received Intact:	Yes ☒ No ☐	Thermometer ID:		140	BTE: 8021B											NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:		4.1	TPH: 15M (G O + DRO + MRO)											Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:		5.0	Chloride 4500											Zn Acetate+NaOH: Zn	
		Corrected Temperature:															
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
CS-244 (1.5')	8/7/2026	9:00 AM	X		Comp	1	X	X	X								- 2 m
CS-245 (1.5')	8/7/2026	9:03 AM	X		Comp	1	X	X	X								3 m
CS-246 (1.5')	8/7/2026	9:06 AM	X		Comp	1	X	X	X								4 m
CS-247 (1.5')	8/7/2026	9:09 AM	X		Comp	1	X	X	X								5 m
CS-248 (1.5')	8/7/2026	9:12 AM	X		Comp	1	X	X	X								6 m
CS-249 (1.5')	8/7/2026	9:15 AM	X		Comp	1	X	X	X								7 m
CS-250 (1.5')	8/7/2026	9:18 AM	X		Comp	1	X	X	X								8 m
CS-251 (1.5')	8/7/2026	9:21 AM	X		Comp	1	X	X	X								9 m
CS-252 (1.5')	8/7/2026	9:24 AM	X		Comp	1	X	X	X								10
CS-253 (1.5')	8/7/2026	9:27 AM	X		Comp	1	X	X	X								

Comments: Email to Mike Carmona / mcarmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/13/26 1313		

Chain of Custody

Work Order No: 18064517

Page 2 of 3

Project Manager:	Conner Moehring	Bill to: (if different):	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	2687	Due Date:	24 HR													None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico															Cool: Cool	MeOH: Me
Sampler's Name:	JR															HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	Parameters											H ₃ PO ₄ : HP	
Received Intact:	Yes ☒ No ☐	Thermometer ID:	140		BTEX 8021B											NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐ N/A	Correction Factor:	40.5		TPH 6015M (GRO + DRO + MRO)											Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading:	49.5		Chloride 4500											Zn Acetate+NaOH: Zn	
		Corrected Temperature:	5.0													NaOH+Acetate+NaOH: Zn	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
CS-254 (1.5)	8/7/2026	9:30 AM	X		Comp	1	X	X	X								11
CS-255 (1.5)	8/7/2026	9:33 AM	X		Comp	1	X	X	X								12
CS-256 (1.5)	8/7/2026	9:36 AM	X		Comp	1	X	X	X								13
CS-257 (1.5)	8/7/2026	9:39 AM	X		Comp	1	X	X	X								14
CS-258 (1.5)	8/7/2026	9:42 AM	X		Comp	1	X	X	X								15
CS-259 (1.5)	8/7/2026	9:45 AM	X		Comp	1	X	X	X								16
CS-260 (1.5)	8/7/2026	9:48 AM	X		Comp	1	X	X	X								17
CS-261 (1.5)	8/7/2026	9:51 AM	X		Comp	1	X	X	X								18
CS-262 (1.5)	8/7/2026	9:54 AM	X		Comp	1	X	X	X								19
CS-263 (1.5)	8/7/2026	9:57 AM	X		Comp	1	X	X	X								20

Comments: Email to Mike Carmona / mcarmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/7/2026 1:33		

Chain of Custody

Work Order No: HA104577

Page 3 of 3

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number:	2687	Due Date:	24 HR															None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico																	Cool: Cool	MeOH: Me
Sampler's Name:	JR																	HCL: HC	HNO ₃ : HN
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Thermometer ID:	Wet Ice:	Yes ☒ No ☐													H ₃ PO ₄ : HP	
Received Intact:	Yes ☒ No ☐	Correction Factor:	4.9															NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading:	5.0															Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐ N/A	Corrected Temperature:																Zn Acetate+NaOH: Zn	
																		NaOH+Acetic Acid: NaOH	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-264 (1.5')	8/7/2026	10:00 AM	X		Comp	1	X	X	X								21		
SW-59 (1.5')	8/9/2026	10:03 AM	X		Comp	1	X	X	X								22		
SW-60 (1.5')	8/9/2026	10:06 AM	X		Comp	1	X	X	X								23		

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/7/26 1313		

sample date corrected per client. 8/9/26

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 10, 2026

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: DEEP ELEM SPILL (03.26.25)

Enclosed are the results of analyses for samples received by the laboratory on 08/07/26 14:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited 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

Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 110 (4')	H264581-01	Soil	06-Aug-26 09:00	07-Aug-26 14:22
CS - 111 (4')	H264581-02	Soil	06-Aug-26 09:02	07-Aug-26 14:22
CS - 112 (4')	H264581-03	Soil	06-Aug-26 09:06	07-Aug-26 14:22
CS - 113 (4')	H264581-04	Soil	06-Aug-26 09:10	07-Aug-26 14:22
CS - 114 (4')	H264581-05	Soil	06-Aug-26 09:14	07-Aug-26 14:22
CS - 115 (4')	H264581-06	Soil	06-Aug-26 09:18	07-Aug-26 14:22
CS - 116 (4')	H264581-07	Soil	06-Aug-26 09:22	07-Aug-26 14:22
CS - 117 (4')	H264581-08	Soil	06-Aug-26 09:26	07-Aug-26 14:22
CS - 118 (4')	H264581-09	Soil	06-Aug-26 09:30	07-Aug-26 14:22
CS - 119 (4')	H264581-10	Soil	06-Aug-26 09:34	07-Aug-26 14:22
CS - 120 (4')	H264581-11	Soil	06-Aug-26 09:40	07-Aug-26 14:22
CS - 121 (4')	H264581-12	Soil	06-Aug-26 09:42	07-Aug-26 14:22
CS - 122 (4')	H264581-13	Soil	06-Aug-26 09:46	07-Aug-26 14:22
CS - 123 (8')	H264581-14	Soil	06-Aug-26 09:50	07-Aug-26 14:22
CS - 124 (8')	H264581-15	Soil	06-Aug-26 09:54	07-Aug-26 14:22
CS - 125 (8')	H264581-16	Soil	06-Aug-26 09:58	07-Aug-26 14:22
CS - 126 (8')	H264581-17	Soil	06-Aug-26 10:02	07-Aug-26 14:22
CS - 127 (8')	H264581-18	Soil	06-Aug-26 10:06	07-Aug-26 14:22
CS - 128 (8')	H264581-19	Soil	06-Aug-26 10:10	07-Aug-26 14:22
CS - 129 (8')	H264581-20	Soil	06-Aug-26 10:14	07-Aug-26 14:22
CS - 130 (8')	H264581-21	Soil	06-Aug-26 10:20	07-Aug-26 14:22
CS - 131 (8')	H264581-22	Soil	06-Aug-26 10:22	07-Aug-26 14:22
CS - 132 (8')	H264581-23	Soil	06-Aug-26 10:26	07-Aug-26 14:22
CS - 133 (8')	H264581-24	Soil	06-Aug-26 10:30	07-Aug-26 14:22
CS - 134 (8')	H264581-25	Soil	06-Aug-26 10:34	07-Aug-26 14:22
CS - 135 (3')	H264581-26	Soil	06-Aug-26 10:38	07-Aug-26 14:22
CS - 136 (3')	H264581-27	Soil	06-Aug-26 10:42	07-Aug-26 14:22

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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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 137 (3')	H264581-28	Soil	06-Aug-26 10:46	07-Aug-26 14:22
CS - 138 (3')	H264581-29	Soil	06-Aug-26 10:50	07-Aug-26 14:22
CS - 139 (3')	H264581-30	Soil	06-Aug-26 10:54	07-Aug-26 14:22
CS - 140 (3')	H264581-31	Soil	06-Aug-26 11:00	07-Aug-26 14:22
CS - 141 (3')	H264581-32	Soil	06-Aug-26 11:02	07-Aug-26 14:22
CS - 142 (3')	H264581-33	Soil	06-Aug-26 11:06	07-Aug-26 14:22
CS - 143 (3')	H264581-34	Soil	06-Aug-26 11:10	07-Aug-26 14:22
CS - 144 (3')	H264581-35	Soil	06-Aug-26 11:14	07-Aug-26 14:22
CS - 145 (3')	H264581-36	Soil	06-Aug-26 11:18	07-Aug-26 14:22
CS - 146 (3')	H264581-37	Soil	06-Aug-26 11:22	07-Aug-26 14:22
CS - 147 (3')	H264581-38	Soil	06-Aug-26 11:26	07-Aug-26 14:22
CS - 148 (3')	H264581-39	Soil	06-Aug-26 11:30	07-Aug-26 14:22
CS - 149 (3')	H264581-40	Soil	06-Aug-26 11:34	07-Aug-26 14:22
CS - 150 (3')	H264581-41	Soil	06-Aug-26 11:35	07-Aug-26 14:22
CS - 151 (3')	H264581-42	Soil	06-Aug-26 11:37	07-Aug-26 14:22
CS - 152 (3')	H264581-43	Soil	06-Aug-26 11:41	07-Aug-26 14:22
CS - 153 (3')	H264581-44	Soil	06-Aug-26 11:45	07-Aug-26 14:22
CS - 154 (3')	H264581-45	Soil	06-Aug-26 11:49	07-Aug-26 14:22
CS - 155 (3')	H264581-46	Soil	06-Aug-26 11:53	07-Aug-26 14:22
CS - 156 (3')	H264581-47	Soil	06-Aug-26 11:57	07-Aug-26 14:22
CS - 157 (3')	H264581-48	Soil	06-Aug-26 12:01	07-Aug-26 14:22
CS - 158 (3')	H264581-49	Soil	06-Aug-26 12:05	07-Aug-26 14:22
CS - 159 (3')	H264581-50	Soil	06-Aug-26 12:09	07-Aug-26 14:22
CS - 160 (3')	H264581-51	Soil	06-Aug-26 12:10	07-Aug-26 14:22
CS - 161 (3')	H264581-52	Soil	06-Aug-26 12:12	07-Aug-26 14:22
CS - 162 (3')	H264581-53	Soil	06-Aug-26 12:16	07-Aug-26 14:22
CS - 163 (4.5')	H264581-54	Soil	06-Aug-26 12:20	07-Aug-26 14:22
CS - 164 (4.5')	H264581-55	Soil	06-Aug-26 12:24	07-Aug-26 14:22
CS - 165 (4.5')	H264581-56	Soil	06-Aug-26 12:28	07-Aug-26 14:22
CS - 166 (4.5')	H264581-57	Soil	06-Aug-26 12:32	07-Aug-26 14:22

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 167 (4.5')	H264581-58	Soil	06-Aug-26 12:36	07-Aug-26 14:22
CS - 168 (4.5')	H264581-59	Soil	06-Aug-26 12:40	07-Aug-26 14:22
CS - 169 (4.5')	H264581-60	Soil	06-Aug-26 12:44	07-Aug-26 14:22
CS - 170 (4.5')	H264581-61	Soil	06-Aug-26 12:46	07-Aug-26 14:22
CS - 171 (4.5')	H264581-62	Soil	06-Aug-26 12:48	07-Aug-26 14:22
CS - 172 (4.5')	H264581-63	Soil	06-Aug-26 12:52	07-Aug-26 14:22
CS - 173 (4.5')	H264581-64	Soil	06-Aug-26 12:56	07-Aug-26 14:22
CS - 174 (4.5')	H264581-65	Soil	06-Aug-26 13:00	07-Aug-26 14:22
CS - 175 (4.5')	H264581-66	Soil	06-Aug-26 13:04	07-Aug-26 14:22
CS - 176 (4.5')	H264581-67	Soil	06-Aug-26 13:08	07-Aug-26 14:22
CS - 177 (4.5')	H264581-68	Soil	06-Aug-26 13:12	07-Aug-26 14:22
CS - 178 (4.5')	H264581-69	Soil	06-Aug-26 13:16	07-Aug-26 14:22
CS - 179 (4.5')	H264581-70	Soil	06-Aug-26 13:20	07-Aug-26 14:22
CS - 180 (4.5')	H264581-71	Soil	06-Aug-26 13:22	07-Aug-26 14:22
CS - 181 (4.5')	H264581-72	Soil	06-Aug-26 13:24	07-Aug-26 14:22
CS - 182 (4.5')	H264581-73	Soil	06-Aug-26 13:28	07-Aug-26 14:22
CS - 183 (4.5')	H264581-74	Soil	06-Aug-26 13:32	07-Aug-26 14:22
CS - 185 (4.5')	H264581-76	Soil	06-Aug-26 13:40	07-Aug-26 14:22
CS - 186 (4.5')	H264581-77	Soil	06-Aug-26 13:44	07-Aug-26 14:22
CS - 187 (4.5')	H264581-78	Soil	06-Aug-26 13:48	07-Aug-26 14:22
CS - 188 (2')	H264581-79	Soil	06-Aug-26 13:52	07-Aug-26 14:22
CS - 190 (2')	H264581-81	Soil	06-Aug-26 13:58	07-Aug-26 14:22
CS - 191 (2')	H264581-82	Soil	06-Aug-26 14:00	07-Aug-26 14:22
CS - 192 (2')	H264581-83	Soil	06-Aug-26 14:04	07-Aug-26 14:22
CS - 194 (2')	H264581-85	Soil	06-Aug-26 14:12	07-Aug-26 14:22
CS - 195 (2')	H264581-86	Soil	06-Aug-26 14:16	07-Aug-26 14:22
CS - 196 (2')	H264581-87	Soil	06-Aug-26 14:20	07-Aug-26 14:22
CS - 197 (2')	H264581-88	Soil	06-Aug-26 14:24	07-Aug-26 14:22
CS - 199 (2')	H264581-90	Soil	06-Aug-26 14:32	07-Aug-26 14:22

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CASE NARRATIVE:

No labels with lot numbers on sample containers for traceability.

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 110 (4')
H264581-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	304		16.0	mg/kg	4	6080770	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	94.9 %	70.7-129	6080756	JH	07-Aug-26	8021B			

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
Surrogate: 1-Chlorooctane	99.8 %	48-117	6080777	JF	08-Aug-26	8015B			
Surrogate: 1-Chlorooctadecane	96.3 %	39-120	6080777	JF	08-Aug-26	8015B			

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 111 (4')
H264581-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	272		16.0	mg/kg	4	6080770	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080756	JH	07-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.4 %	70.7-129	6080756	JH	07-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	95.8 %	48-117	6080777	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	92.5 %	39-120	6080777	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 112 (4')
H264581-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	432		16.0	mg/kg	4	6080770	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080756	JH	07-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.9 %	70.7-129	6080756	JH	07-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	90.9 %	48-117	6080777	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	87.4 %	39-120	6080777	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 113 (4')
H264581-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	272		16.0	mg/kg	4	6080770	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			94.5 %	70.7-129		6080756	JH	07-Aug-26	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
Surrogate: 1-Chlorooctane			94.8 %	48-117		6080777	JF	08-Aug-26	8015B	
Surrogate: 1-Chlorooctadecane			91.2 %	39-120		6080777	JF	08-Aug-26	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 114 (4')
H264581-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	272		16.0	mg/kg	4	6080770	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080756	JH	07-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		94.6 %		70.7-129	6080756	JH	07-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>		104 %		48-117	6080777	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		101 %		39-120	6080777	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 115 (4')**H264581-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	6080770	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080756	JH	07-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.7 %	70.7-129	6080756	JH	07-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	96.7 %	48-117	6080777	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	94.4 %	39-120	6080777	JF	08-Aug-26	8015B
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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 116 (4')
H264581-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	6080770	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080756	JH	07-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.7 %	70.7-129	6080756	JH	07-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	95.5 %	48-117	6080777	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	93.2 %	39-120	6080777	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 117 (4')**H264581-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	6080770	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080756	JH	07-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.4 %		70.7-129	6080756	JH	07-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			96.5 %		48-117	6080777	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			93.4 %		39-120	6080777	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 118 (4')
H264581-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	6080770	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080756	JH	07-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 70.7-129 6080756 JH 07-Aug-26 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080777	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane 103 % 48-117 6080777 JF 08-Aug-26 8015B

Surrogate: 1-Chlorooctadecane 99.6 % 39-120 6080777 JF 08-Aug-26 8015B

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 119 (4')
H264581-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	6080770	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080756	JH	07-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.1 %	70.7-129	6080756	JH	07-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	96.5 %	48-117	6080778	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	104 %	39-120	6080778	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 120 (4')**H264581-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	272		16.0	mg/kg	4	6080770	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080756	JH	07-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.5 %	70.7-129	6080756	JH	07-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	96.2 %	48-117	6080778	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	104 %	39-120	6080778	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 121 (4')**H264581-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	272		16.0	mg/kg	4	6080770	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080756	JH	07-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080756	JH	07-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.0 %	70.7-129	6080756	JH	07-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	82.1 %	48-117	6080778	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	88.2 %	39-120	6080778	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 122 (4')**H264581-13 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	6080770	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080756	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080756	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080756	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080756	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080756	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.1 %		70.7-129	6080756	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.4 %		48-117	6080778	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			99.5 %		39-120	6080778	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 123 (8')**H264581-14 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	6080770	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080756	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080756	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080756	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080756	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080756	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.7 %	70.7-129	6080756	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	86.3 %	48-117	6080778	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	93.2 %	39-120	6080778	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 124 (8')**H264581-15 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080770	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080756	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080756	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080756	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080756	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080756	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.9 %	70.7-129	6080756	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	97.3 %	48-117	6080778	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	106 %	39-120	6080778	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 125 (8')**H264581-16 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.0 %	70.7-129		6080757	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			82.8 %	48-117		6080778	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			88.1 %	39-120		6080778	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 126 (8')**H264581-17 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %		70.7-129	6080757	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			72.4 %		48-117	6080778	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			75.6 %		39-120	6080778	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 127 (8')**H264581-18 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	105 %	70.7-129	6080757	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	85.5 %	48-117	6080778	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	89.4 %	39-120	6080778	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 128 (8')**H264581-19 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	100 %	70.7-129	6080757	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	70.1 %	48-117	6080778	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	72.0 %	39-120	6080778	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 129 (8')**H264581-20 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	70.7-129		6080757	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			77.9 %	48-117		6080778	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			79.2 %	39-120		6080778	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 130 (8')**H264581-21 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	70.7-129		6080757	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			82.3 %	48-117		6080778	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			85.2 %	39-120		6080778	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 131 (8')**H264581-22 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	304		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %		70.7-129	6080757	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			79.3 %		48-117	6080778	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			80.9 %		39-120	6080778	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 132 (8')**H264581-23 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	102 %	70.7-129	6080757	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	81.8 %	48-117	6080778	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	85.2 %	39-120	6080778	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 133 (8')**H264581-24 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	103 %	70.7-129	6080757	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	84.2 %	48-117	6080778	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	86.7 %	39-120	6080778	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 134 (8')**H264581-25 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	70.7-129		6080757	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			80.9 %	48-117		6080778	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			81.8 %	39-120		6080778	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 135 (3')**H264581-26 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	576		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	99.3 %	70.7-129	6080757	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	60.1 %	48-117	6080778	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	60.5 %	39-120	6080778	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 136 (3')**H264581-27 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	336		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %		70.7-129	6080757	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			59.0 %		48-117	6080778	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			58.9 %		39-120	6080778	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 137 (3')**H264581-28 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	352		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	101 %	70.7-129	6080757	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	68.1 %	48-117	6080778	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	67.8 %	39-120	6080778	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 138 (3')**H264581-29 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	352		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %		70.7-129	6080757	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080778	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			71.5 %		48-117	6080778	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			72.1 %		39-120	6080778	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 139 (3')**H264581-30 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	368		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	103 %	70.7-129	6080757	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	65.1 %	48-117	6080780	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	62.9 %	39-120	6080780	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 140 (3')**H264581-31 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B
Toluene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B
Total BTEX	<0.300	0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B

Surrogate: 4-Bromofluorobenzene (PID)	101 %	70.7-129	6080757	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	64.2 %	48-117	6080780	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	61.4 %	39-120	6080780	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 141 (3')**H264581-32 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	496		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	70.7-129		6080757	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			63.9 %	48-117		6080780	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			60.6 %	39-120		6080780	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 142 (3')**H264581-33 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	368		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B
Toluene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B
Total BTEX	<0.300	0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B

Surrogate: 4-Bromofluorobenzene (PID)	102 %	70.7-129	6080757	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	66.8 %	48-117	6080780	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	64.5 %	39-120	6080780	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 143 (3')**H264581-34 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	480		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	101 %	70.7-129	6080757	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	66.8 %	48-117	6080780	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	63.4 %	39-120	6080780	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 144 (3')**H264581-35 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	400		16.0	mg/kg	4	6080771	AC	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080757	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080757	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	104 %	70.7-129	6080757	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	72.4 %	48-117	6080780	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	69.6 %	39-120	6080780	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 145 (3')**H264581-36 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	512		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 117 % 70.7-129 6080758 JH 08-Aug-26 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane 53.7 % 48-117 6080780 JF 08-Aug-26 8015B

Surrogate: 1-Chlorooctadecane 51.9 % 39-120 6080780 JF 08-Aug-26 8015B

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 146 (3')**H264581-37 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	448		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			119 %		70.7-129	6080758	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			61.7 %		48-117	6080780	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			58.9 %		39-120	6080780	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 147 (3')**H264581-38 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	416		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	113 %	70.7-129	6080758	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	62.2 %	48-117	6080780	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	60.2 %	39-120	6080780	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 148 (3')**H264581-39 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	448		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	119 %	70.7-129	6080758	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	63.7 %	48-117	6080780	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	60.6 %	39-120	6080780	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 149 (3')**H264581-40 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	416		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	120 %	70.7-129	6080758	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	61.9 %	48-117	6080780	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	58.9 %	39-120	6080780	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 150 (3')**H264581-41 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	400		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %		70.7-129	6080758	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			64.1 %		48-117	6080780	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			61.6 %		39-120	6080780	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 151 (3')**H264581-42 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	124 %	70.7-129	6080758	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	66.4 %	48-117	6080780	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	64.9 %	39-120	6080780	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 152 (3')**H264581-43 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	125 %	70.7-129	6080758	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	71.4 %	48-117	6080780	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	69.8 %	39-120	6080780	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 153 (3')**H264581-44 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	272		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		118 %		70.7-129	6080758	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>		73.5 %		48-117	6080780	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		71.6 %		39-120	6080780	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 154 (3')**H264581-45 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B
Toluene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B
Total BTEX	<0.300	0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B

Surrogate: 4-Bromofluorobenzene (PID)	124 %	70.7-129	6080758	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	70.0 %	48-117	6080780	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	68.2 %	39-120	6080780	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 155 (3')**H264581-46 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	120 %	70.7-129	6080758	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	55.1 %	48-117	6080780	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	53.9 %	39-120	6080780	JF	08-Aug-26	8015B	
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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 156 (3')**H264581-47 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	125 %	70.7-129	6080758	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	68.1 %	48-117	6080780	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	66.4 %	39-120	6080780	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 157 (3')**H264581-48 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	120 %	70.7-129	6080758	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	63.6 %	48-117	6080780	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	61.8 %	39-120	6080780	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 158 (3')**H264581-49 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	125 %	70.7-129	6080758	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080780	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	74.2 %	48-117	6080780	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	72.6 %	39-120	6080780	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 159 (3')**H264581-50 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			122 %		70.7-129	6080758	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			74.7 %		48-117	6080781	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			69.3 %		39-120	6080781	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 160 (3')**H264581-51 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		121 %		70.7-129	6080758	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane		74.4 %		48-117	6080781	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane		69.5 %		39-120	6080781	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 161 (3')**H264581-52 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			127 %		70.7-129	6080758	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			76.0 %		48-117	6080781	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			71.2 %		39-120	6080781	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 162 (3')**H264581-53 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B
Toluene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B
Total BTEX	<0.300	0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B

Surrogate: 4-Bromofluorobenzene (PID)	118 %	70.7-129	6080758	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	72.6 %	48-117	6080781	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	70.6 %	39-120	6080781	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 163 (4.5')**H264581-54 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			123 %		70.7-129	6080758	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			76.8 %		48-117	6080781	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			71.6 %		39-120	6080781	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 164 (4.5')**H264581-55 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080774	SA	08-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B
Toluene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080758	JH	08-Aug-26	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	6080758	JH	08-Aug-26	8021B
Total BTEX	<0.300	0.300	mg/kg	50	6080758	JH	08-Aug-26	8021B

Surrogate: 4-Bromofluorobenzene (PID)	123 %	70.7-129	6080758	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	75.9 %	48-117	6080781	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	71.5 %	39-120	6080781	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 165 (4.5')**H264581-56 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.0 %		70.7-129	6080759	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			63.3 %		48-117	6080781	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			59.1 %		39-120	6080781	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 166 (4.5')**H264581-57 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.1 %		70.7-129	6080759	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			67.9 %		48-117	6080781	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			64.0 %		39-120	6080781	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 167 (4.5')**H264581-58 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		96.8 %		70.7-129	6080759	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>		73.2 %		48-117	6080781	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		68.0 %		39-120	6080781	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 168 (4.5')**H264581-59 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	97.4 %	70.7-129	6080759	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	71.2 %	48-117	6080781	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	66.7 %	39-120	6080781	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 169 (4.5')**H264581-60 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 70.7-129 6080759 JH 08-Aug-26 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane 69.9 % 48-117 6080781 JF 08-Aug-26 8015B

Surrogate: 1-Chlorooctadecane 65.0 % 39-120 6080781 JF 08-Aug-26 8015B

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 170 (4.5')**H264581-61 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	94.9 %	70.7-129	6080759	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	73.6 %	48-117	6080781	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	69.3 %	39-120	6080781	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 171 (4.5')**H264581-62 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	336		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 70.7-129 6080759 JH 08-Aug-26 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane 71.4 % 48-117 6080781 JF 08-Aug-26 8015B

Surrogate: 1-Chlorooctadecane 66.5 % 39-120 6080781 JF 08-Aug-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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 172 (4.5')**H264581-63 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	288		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.7 %	70.7-129	6080759	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	70.8 %	48-117	6080781	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	65.4 %	39-120	6080781	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 173 (4.5')**H264581-64 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	304		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.6 %	70.7-129	6080759	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	75.0 %	48-117	6080781	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	70.2 %	39-120	6080781	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 174 (4.5')**H264581-65 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	368		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.2 %		70.7-129	6080759	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			76.6 %		48-117	6080781	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			71.2 %		39-120	6080781	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 175 (4.5')**H264581-66 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	480		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		95.3 %		70.7-129	6080759	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>		74.0 %		48-117	6080781	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		70.4 %		39-120	6080781	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 176 (4.5')**H264581-67 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	384		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	97.7 %	70.7-129	6080759	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	77.3 %	48-117	6080781	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	72.3 %	39-120	6080781	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 177 (4.5')**H264581-68 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	97.3 %	70.7-129	6080759	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	66.0 %	48-117	6080781	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	60.7 %	39-120	6080781	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 178 (4.5')**H264581-69 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	336		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	97.2 %	70.7-129	6080759	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080781	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	72.1 %	48-117	6080781	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	66.3 %	39-120	6080781	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 179 (4.5')**H264581-70 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 70.7-129 6080759 JH 08-Aug-26 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane 75.0 % 48-117 6080782 JF 08-Aug-26 8015B

Surrogate: 1-Chlorooctadecane 75.5 % 39-120 6080782 JF 08-Aug-26 8015B

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 180 (4.5')**H264581-71 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.6 %	70.7-129	6080759	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	72.5 %	48-117	6080782	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	71.6 %	39-120	6080782	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 181 (4.5')**H264581-72 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.9 %	70.7-129	6080759	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	80.5 %	48-117	6080782	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	79.0 %	39-120	6080782	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 182 (4.5')**H264581-73 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.7 %	70.7-129	6080759	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	76.6 %	48-117	6080782	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	76.1 %	39-120	6080782	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 183 (4.5')**H264581-74 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	336		16.0	mg/kg	4	6080776	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080759	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080759	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	97.0 %	70.7-129	6080759	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	82.6 %	48-117	6080782	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	80.0 %	39-120	6080782	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 185 (4.5')**H264581-76 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	272		16.0	mg/kg	4	6080779	AC	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080760	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			90.6 %		70.7-129	6080760	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			81.9 %		48-117	6080782	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			79.9 %		39-120	6080782	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 186 (4.5')**H264581-77 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	288		16.0	mg/kg	4	6080779	AC	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080760	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			89.8 %		70.7-129	6080760	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			65.5 %		48-117	6080782	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			65.4 %		39-120	6080782	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 187 (4.5')**H264581-78 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	448		16.0	mg/kg	4	6080779	AC	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080760	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	90.9 %	70.7-129	6080760	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	74.4 %	48-117	6080782	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	73.6 %	39-120	6080782	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 188 (2')**H264581-79 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	272		16.0	mg/kg	4	6080779	AC	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080760	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	91.6 %	70.7-129	6080760	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	77.7 %	48-117	6080782	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	76.1 %	39-120	6080782	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 190 (2')**H264581-81 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	288		16.0	mg/kg	4	6080779	AC	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B
Toluene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	6080760	JH	08-Aug-26	8021B
Total BTEX	<0.300	0.300	mg/kg	50	6080760	JH	08-Aug-26	8021B

Surrogate: 4-Bromofluorobenzene (PID)	91.4 %	70.7-129	6080760	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	71.0 %	48-117	6080782	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	70.7 %	39-120	6080782	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 191 (2')**H264581-82 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080779	AC	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080760	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			90.8 %		70.7-129	6080760	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			76.6 %		48-117	6080782	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			76.2 %		39-120	6080782	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 192 (2')**H264581-83 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080779	AC	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080760	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			89.2 %		70.7-129	6080760	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			79.6 %		48-117	6080782	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			78.3 %		39-120	6080782	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 194 (2')**H264581-85 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	6080779	AC	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080760	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			90.4 %		70.7-129	6080760	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			80.8 %		48-117	6080782	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			79.3 %		39-120	6080782	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 195 (2')**H264581-86 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080779	AC	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080760	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			90.8 %		70.7-129	6080760	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			72.5 %		48-117	6080782	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			70.5 %		39-120	6080782	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 196 (2')**H264581-87 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	6080779	AC	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080760	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			91.2 %		70.7-129	6080760	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			75.7 %		48-117	6080782	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			74.0 %		39-120	6080782	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 197 (2')**H264581-88 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080779	AC	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080760	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.3 %		70.7-129	6080760	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080782	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			78.7 %		48-117	6080782	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			77.6 %		39-120	6080782	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

CS - 199 (2')**H264581-90 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080779	AC	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080760	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			89.8 %		70.7-129	6080760	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			69.0 %		48-117	6080784	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			66.5 %		39-120	6080784	JF	08-Aug-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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6080770 - 1:4 DI Water										
Blank (6080770-BLK1)				Prepared: 07-Aug-26 Analyzed: 08-Aug-26						
Chloride	ND	16.0	mg/kg							
LCS (6080770-BS1)				Prepared: 07-Aug-26 Analyzed: 08-Aug-26						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (6080770-BSD1)				Prepared: 07-Aug-26 Analyzed: 08-Aug-26						
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Duplicate (6080770-DUP1)				Source: H264580-23		Prepared: 07-Aug-26 Analyzed: 08-Aug-26				
Chloride	272	16.0	mg/kg		256			6.06	20	
Matrix Spike (6080770-MS1)				Source: H264580-23		Prepared: 07-Aug-26 Analyzed: 08-Aug-26				
Chloride	720	16.0	mg/kg	400	256	116	80-120			
Batch 6080771 - 1:4 DI Water										
Blank (6080771-BLK1)				Prepared & Analyzed: 08-Aug-26						
Chloride	ND	16.0	mg/kg							
LCS (6080771-BS1)				Prepared & Analyzed: 08-Aug-26						
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (6080771-BSD1)				Prepared & Analyzed: 08-Aug-26						
Chloride	432	16.0	mg/kg	400		108	80-120	3.64	20	
Duplicate (6080771-DUP1)				Source: H264581-16		Prepared & Analyzed: 08-Aug-26				
Chloride	176	16.0	mg/kg		160			9.52	20	

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6080771 - 1:4 DI Water

Matrix Spike (6080771-MS1)	Source: H264581-16			Prepared & Analyzed: 08-Aug-26						
Chloride	640	16.0	mg/kg	400	160	120	80-120			

Batch 6080774 - 1:4 DI Water

Blank (6080774-BLK1)	Prepared: 07-Aug-26 Analyzed: 08-Aug-26									
Chloride	ND	16.0	mg/kg							

LCS (6080774-BS1)	Prepared: 07-Aug-26 Analyzed: 08-Aug-26									
Chloride	464	16.0	mg/kg	400		116	80-120			

LCS Dup (6080774-BSD1)	Prepared: 07-Aug-26 Analyzed: 08-Aug-26									
Chloride	448	16.0	mg/kg	400		112	80-120	3.51	20	

Duplicate (6080774-DUP1)	Source: H264581-36			Prepared: 07-Aug-26 Analyzed: 08-Aug-26						
Chloride	464	16.0	mg/kg		512			9.84	20	

Matrix Spike (6080774-MS1)	Source: H264581-36			Prepared: 07-Aug-26 Analyzed: 08-Aug-26						
Chloride	816	16.0	mg/kg	400	512	76.0	80-120			QM-07

Batch 6080776 - 1:4 DI Water

Blank (6080776-BLK1)	Prepared: 07-Aug-26 Analyzed: 10-Aug-26									
Chloride	ND	16.0	mg/kg							

LCS (6080776-BS1)	Prepared: 07-Aug-26 Analyzed: 10-Aug-26									
Chloride	416	16.0	mg/kg	400		104	80-120			

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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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6080776 - 1:4 DI Water**LCS Dup (6080776-BSD1)**

Prepared: 07-Aug-26 Analyzed: 10-Aug-26

Chloride	416	16.0	mg/kg	400	104	80-120	0.00	20
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Duplicate (6080776-DUP1)

Source: H264581-56

Prepared: 07-Aug-26 Analyzed: 10-Aug-26

Chloride	208	16.0	mg/kg	224	7.41	20
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Matrix Spike (6080776-MS1)

Source: H264581-56

Prepared: 07-Aug-26 Analyzed: 10-Aug-26

Chloride	640	16.0	mg/kg	400	224	104	80-120
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Batch 6080779 - 1:4 DI Water**Blank (6080779-BLK1)**

Prepared & Analyzed: 10-Aug-26

Chloride	ND	16.0	mg/kg
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LCS (6080779-BS1)

Prepared & Analyzed: 10-Aug-26

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (6080779-BSD1)

Prepared & Analyzed: 10-Aug-26

Chloride	416	16.0	mg/kg	400	104	80-120	0.00	20
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Duplicate (6080779-DUP1)

Source: H264581-76

Prepared & Analyzed: 10-Aug-26

Chloride	272	16.0	mg/kg	272	0.00	20
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Matrix Spike (6080779-MS1)

Source: H264581-76

Prepared & Analyzed: 10-Aug-26

Chloride	688	16.0	mg/kg	400	272	104	80-120
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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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

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
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Batch 6080756 - Volatiles**Blank (6080756-BLK1)**

Prepared & Analyzed: 07-Aug-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		94.9	70.7-129			

LCS (6080756-BS1)

Prepared & Analyzed: 07-Aug-26

Benzene	2.25	0.050	mg/kg	2.00		112	93.2-121			
Toluene	2.15	0.050	mg/kg	2.00		107	88.7-117			
Ethylbenzene	2.04	0.050	mg/kg	2.00		102	81.4-123			
m,p-Xylene	3.98	0.100	mg/kg	4.00		99.5	76.3-126			
o-Xylene	1.98	0.050	mg/kg	2.00		98.9	76.2-125			
Total Xylenes	5.96	0.150	mg/kg	6.00		99.3	76.6-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0466		mg/kg	0.0500		93.1	70.7-129			

LCS Dup (6080756-BS1)

Prepared & Analyzed: 07-Aug-26

Benzene	2.19	0.050	mg/kg	2.00		110	93.2-121	2.64	7.62	
Toluene	2.09	0.050	mg/kg	2.00		105	88.7-117	2.48	9.57	
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.6	81.4-123	2.67	11	
m,p-Xylene	3.88	0.100	mg/kg	4.00		97.0	76.3-126	2.52	11.2	
o-Xylene	1.93	0.050	mg/kg	2.00		96.4	76.2-125	2.56	11	
Total Xylenes	5.81	0.150	mg/kg	6.00		96.8	76.6-125	2.53	11.1	
Surrogate: 4-Bromofluorobenzene (PID)	0.0457		mg/kg	0.0500		91.4	70.7-129			

Matrix Spike (6080756-MS1)

Source: H264580-23

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	2.23	0.050	mg/kg	2.00	ND	112	76-126			
Toluene	2.14	0.050	mg/kg	2.00	ND	107	71.9-124			
Ethylbenzene	2.03	0.050	mg/kg	2.00	ND	102	68.2-125			
m,p-Xylene	3.95	0.100	mg/kg	4.00	ND	98.8	65.8-125			
o-Xylene	1.97	0.050	mg/kg	2.00	ND	98.5	65.4-124			
Total Xylenes	5.92	0.150	mg/kg	6.00	ND	98.7	66-124			

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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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

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
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Batch 6080756 - Volatiles**Matrix Spike (6080756-MS1)**

Source: H264580-23

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Surrogate: 4-Bromofluorobenzene (PID) 0.0458 mg/kg 0.0500 91.5 70.7-129

Matrix Spike Dup (6080756-MSD1)

Source: H264580-23

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Benzene	2.20	0.050	mg/kg	2.00	ND	110	76-126	1.43	6.67	
Toluene	2.12	0.050	mg/kg	2.00	ND	106	71.9-124	1.16	8.03	
Ethylbenzene	2.03	0.050	mg/kg	2.00	ND	101	68.2-125	0.359	9.5	
m,p-Xylene	3.95	0.100	mg/kg	4.00	ND	98.7	65.8-125	0.103	10.3	
o-Xylene	1.96	0.050	mg/kg	2.00	ND	98.2	65.4-124	0.216	10.1	
Total Xylenes	5.91	0.150	mg/kg	6.00	ND	98.6	66-124	0.141	10.2	

Surrogate: 4-Bromofluorobenzene (PID) 0.0463 mg/kg 0.0500 92.6 70.7-129

Batch 6080757 - Volatiles**Blank (6080757-BLK1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Analyte	Result	Reporting Limit	Units
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 99.2 70.7-129

LCS (6080757-BS1)

Prepared & Analyzed: 07-Aug-26

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits
Benzene	2.30	0.050	mg/kg	2.00		115	93.2-121
Toluene	2.11	0.050	mg/kg	2.00		106	88.7-117
Ethylbenzene	2.13	0.050	mg/kg	2.00		107	81.4-123
m,p-Xylene	4.33	0.100	mg/kg	4.00		108	76.3-126
o-Xylene	2.21	0.050	mg/kg	2.00		111	76.2-125
Total Xylenes	6.55	0.150	mg/kg	6.00		109	76.6-125

Surrogate: 4-Bromofluorobenzene (PID) 0.0504 mg/kg 0.0500 101 70.7-129

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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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

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
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Batch 6080757 - Volatiles**LCS Dup (6080757-BSD1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	2.26	0.050	mg/kg	2.00		113	93.2-121	1.83	7.62	
Toluene	2.01	0.050	mg/kg	2.00		101	88.7-117	4.76	9.57	
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	81.4-123	3.71	11	
m,p-Xylene	4.16	0.100	mg/kg	4.00		104	76.3-126	4.12	11.2	
o-Xylene	2.13	0.050	mg/kg	2.00		106	76.2-125	4.08	11	
Total Xylenes	6.28	0.150	mg/kg	6.00		105	76.6-125	4.11	11.1	

Surrogate: 4-Bromofluorobenzene (PID)

0.0486

mg/kg

0.0500

97.2

70.7-129

Matrix Spike (6080757-MS1)

Source: H264581-16

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	1.83	0.050	mg/kg	2.00	ND	91.5	76-126			
Toluene	1.67	0.050	mg/kg	2.00	0.011	82.9	71.9-124			
Ethylbenzene	1.69	0.050	mg/kg	2.00	0.011	84.0	68.2-125			
m,p-Xylene	3.44	0.100	mg/kg	4.00	ND	86.1	65.8-125			
o-Xylene	1.74	0.050	mg/kg	2.00	0.014	86.5	65.4-124			
Total Xylenes	5.19	0.150	mg/kg	6.00	0.026	86.5	66-124			

Surrogate: 4-Bromofluorobenzene (PID)

0.0485

mg/kg

0.0500

97.1

70.7-129

Matrix Spike Dup (6080757-MSD1)

Source: H264581-16

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	1.87	0.050	mg/kg	2.00	ND	93.5	76-126	2.23	6.67	
Toluene	1.72	0.050	mg/kg	2.00	0.011	85.6	71.9-124	3.19	8.03	
Ethylbenzene	1.75	0.050	mg/kg	2.00	0.011	87.1	68.2-125	3.68	9.5	
m,p-Xylene	3.58	0.100	mg/kg	4.00	ND	89.5	65.8-125	3.90	10.3	
o-Xylene	1.81	0.050	mg/kg	2.00	0.014	89.9	65.4-124	3.78	10.1	
Total Xylenes	5.39	0.150	mg/kg	6.00	0.026	89.9	66-124	3.86	10.2	

Surrogate: 4-Bromofluorobenzene (PID)

0.0502

mg/kg

0.0500

100

70.7-129

Batch 6080758 - Volatiles**Blank (6080758-BLK1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							

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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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

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
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Batch 6080758 - Volatiles**Blank (6080758-BLK1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.117		mg/kg	0.100		117	70.7-129			

LCS (6080758-BS1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	2.05	0.050	mg/kg	2.00		102	93.2-121			
Toluene	2.12	0.050	mg/kg	2.00		106	88.7-117			
Ethylbenzene	2.16	0.050	mg/kg	2.00		108	81.4-123			
m,p-Xylene	4.49	0.100	mg/kg	4.00		112	76.3-126			
o-Xylene	2.27	0.050	mg/kg	2.00		114	76.2-125			
Total Xylenes	6.77	0.150	mg/kg	6.00		113	76.6-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.109		mg/kg	0.100		109	70.7-129			

LCS Dup (6080758-BSD1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	2.15	0.050	mg/kg	2.00		107	93.2-121	4.82	7.62	
Toluene	2.20	0.050	mg/kg	2.00		110	88.7-117	3.84	9.57	
Ethylbenzene	2.25	0.050	mg/kg	2.00		113	81.4-123	4.21	11	
m,p-Xylene	4.70	0.100	mg/kg	4.00		118	76.3-126	4.49	11.2	
o-Xylene	2.35	0.050	mg/kg	2.00		118	76.2-125	3.49	11	
Total Xylenes	7.05	0.150	mg/kg	6.00		118	76.6-125	4.16	11.1	
Surrogate: 4-Bromofluorobenzene (PID)	0.111		mg/kg	0.100		111	70.7-129			

Matrix Spike (6080758-MS1)

Source: H264581-36

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	1.83	0.050	mg/kg	2.00	ND	91.5	76-126			
Toluene	1.86	0.050	mg/kg	2.00	ND	92.9	71.9-124			
Ethylbenzene	1.91	0.050	mg/kg	2.00	ND	95.6	68.2-125			
m,p-Xylene	3.96	0.100	mg/kg	4.00	ND	99.1	65.8-125			
o-Xylene	2.00	0.050	mg/kg	2.00	ND	99.9	65.4-124			
Total Xylenes	5.96	0.150	mg/kg	6.00	ND	99.4	66-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.108		mg/kg	0.100		108	70.7-129			

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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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

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
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Batch 6080758 - Volatiles

Matrix Spike Dup (6080758-MSD1)		Source: H264581-36			Prepared: 07-Aug-26 Analyzed: 08-Aug-26					
Benzene	1.84	0.050	mg/kg	2.00	ND	92.1	76-126	0.717	6.67	
Toluene	1.89	0.050	mg/kg	2.00	ND	94.6	71.9-124	1.81	8.03	
Ethylbenzene	1.94	0.050	mg/kg	2.00	ND	97.2	68.2-125	1.67	9.5	
m,p-Xylene	4.00	0.100	mg/kg	4.00	ND	100	65.8-125	1.05	10.3	
o-Xylene	1.99	0.050	mg/kg	2.00	ND	99.4	65.4-124	0.536	10.1	
Total Xylenes	5.99	0.150	mg/kg	6.00	ND	99.9	66-124	0.524	10.2	
Surrogate: 4-Bromofluorobenzene (PID)		0.109	mg/kg	0.100		109	70.7-129			

Batch 6080759 - Volatiles

Blank (6080759-BLK1)		Prepared: 07-Aug-26 Analyzed: 08-Aug-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		96.1	70.7-129			

LCS (6080759-BS1)		Prepared & Analyzed: 07-Aug-26								
Benzene	2.10	0.050	mg/kg	2.00		105	93.2-121			
Toluene	2.00	0.050	mg/kg	2.00		99.8	88.7-117			
Ethylbenzene	2.04	0.050	mg/kg	2.00		102	81.4-123			
m,p-Xylene	3.94	0.100	mg/kg	4.00		98.4	76.3-126			
o-Xylene	1.96	0.050	mg/kg	2.00		98.0	76.2-125			
Total Xylenes	5.90	0.150	mg/kg	6.00		98.3	76.6-125			
Surrogate: 4-Bromofluorobenzene (PID)		0.0474	mg/kg	0.0500		94.8	70.7-129			

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

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
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Batch 6080759 - Volatiles**LCS Dup (6080759-BSD1)**

Prepared & Analyzed: 07-Aug-26

Benzene	2.07	0.050	mg/kg	2.00		103	93.2-121	1.48	7.62	
Toluene	1.98	0.050	mg/kg	2.00		98.8	88.7-117	0.995	9.57	
Ethylbenzene	2.01	0.050	mg/kg	2.00		101	81.4-123	1.19	11	
m,p-Xylene	3.90	0.100	mg/kg	4.00		97.4	76.3-126	1.02	11.2	
o-Xylene	1.94	0.050	mg/kg	2.00		97.0	76.2-125	1.06	11	
Total Xylenes	5.84	0.150	mg/kg	6.00		97.3	76.6-125	1.04	11.1	

Surrogate: 4-Bromofluorobenzene (PID)

0.0477

mg/kg

0.0500

95.3

70.7-129

Matrix Spike (6080759-MS1)

Source: H264581-56

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	1.95	0.050	mg/kg	2.00	ND	97.4	76-126			
Toluene	1.85	0.050	mg/kg	2.00	ND	92.6	71.9-124			
Ethylbenzene	1.89	0.050	mg/kg	2.00	ND	94.6	68.2-125			
m,p-Xylene	3.65	0.100	mg/kg	4.00	ND	91.2	65.8-125			
o-Xylene	1.82	0.050	mg/kg	2.00	ND	91.1	65.4-124			
Total Xylenes	5.47	0.150	mg/kg	6.00	ND	91.2	66-124			

Surrogate: 4-Bromofluorobenzene (PID)

0.0477

mg/kg

0.0500

95.4

70.7-129

Matrix Spike Dup (6080759-MSD1)

Source: H264581-56

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	2.06	0.050	mg/kg	2.00	ND	103	76-126	5.59	6.67	
Toluene	1.97	0.050	mg/kg	2.00	ND	98.5	71.9-124	6.12	8.03	
Ethylbenzene	2.02	0.050	mg/kg	2.00	ND	101	68.2-125	6.42	9.5	
m,p-Xylene	3.90	0.100	mg/kg	4.00	ND	97.4	65.8-125	6.59	10.3	
o-Xylene	1.94	0.050	mg/kg	2.00	ND	96.9	65.4-124	6.19	10.1	
Total Xylenes	5.83	0.150	mg/kg	6.00	ND	97.2	66-124	6.46	10.2	

Surrogate: 4-Bromofluorobenzene (PID)

0.0470

mg/kg

0.0500

94.0

70.7-129

Batch 6080760 - Volatiles**Blank (6080760-BLK1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							

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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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

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
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Batch 6080760 - Volatiles**Blank (6080760-BLK1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		92.1	70.7-129			

LCS (6080760-BS1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	1.97	0.050	mg/kg	2.00		98.4	93.2-121			
Toluene	1.84	0.050	mg/kg	2.00		92.0	88.7-117			
Ethylbenzene	1.98	0.050	mg/kg	2.00		98.8	81.4-123			
m,p-Xylene	3.94	0.100	mg/kg	4.00		98.5	76.3-126			
o-Xylene	1.95	0.050	mg/kg	2.00		97.4	76.2-125			
Total Xylenes	5.89	0.150	mg/kg	6.00		98.1	76.6-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0453		mg/kg	0.0500		90.6	70.7-129			

LCS Dup (6080760-BSD1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	1.94	0.050	mg/kg	2.00		96.8	93.2-121	1.72	7.62	
Toluene	1.81	0.050	mg/kg	2.00		90.3	88.7-117	1.91	9.57	
Ethylbenzene	1.93	0.050	mg/kg	2.00		96.4	81.4-123	2.49	11	
m,p-Xylene	3.84	0.100	mg/kg	4.00		96.0	76.3-126	2.55	11.2	
o-Xylene	1.89	0.050	mg/kg	2.00		94.7	76.2-125	2.85	11	
Total Xylenes	5.73	0.150	mg/kg	6.00		95.6	76.6-125	2.65	11.1	
Surrogate: 4-Bromofluorobenzene (PID)	0.0454		mg/kg	0.0500		90.7	70.7-129			

Matrix Spike (6080760-MS1)

Source: H264581-76

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	1.89	0.050	mg/kg	2.00	ND	94.4	76-126			
Toluene	1.75	0.050	mg/kg	2.00	ND	87.5	71.9-124			
Ethylbenzene	1.83	0.050	mg/kg	2.00	ND	91.6	68.2-125			
m,p-Xylene	3.61	0.100	mg/kg	4.00	ND	90.4	65.8-125			
o-Xylene	1.79	0.050	mg/kg	2.00	ND	89.3	65.4-124			
Total Xylenes	5.40	0.150	mg/kg	6.00	ND	90.0	66-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0444		mg/kg	0.0500		88.9	70.7-129			

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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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

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
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Batch 6080760 - Volatiles**Matrix Spike Dup (6080760-MSD1)****Source: H264581-76**

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	1.90	0.050	mg/kg	2.00	ND	94.8	76-126	0.430	6.67	
Toluene	1.76	0.050	mg/kg	2.00	ND	88.1	71.9-124	0.639	8.03	
Ethylbenzene	1.89	0.050	mg/kg	2.00	ND	94.3	68.2-125	2.91	9.5	
m,p-Xylene	3.73	0.100	mg/kg	4.00	ND	93.3	65.8-125	3.20	10.3	
o-Xylene	1.85	0.050	mg/kg	2.00	ND	92.3	65.4-124	3.34	10.1	
Total Xylenes	5.58	0.150	mg/kg	6.00	ND	93.0	66-124	3.25	10.2	

Surrogate: 4-Bromofluorobenzene (PID)

0.0452

mg/kg

0.0500

90.4

70.7-129

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Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

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
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Batch 6080777 - General Prep - Organics**Blank (6080777-BLK1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-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	51.8		mg/kg	50.0		104	48-117			
Surrogate: 1-Chlorooctadecane	50.4		mg/kg	50.0		101	39-120			

LCS (6080777-BS1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	220	10.0	mg/kg	200		110	80.3-117			
DRO >C10-C28	237	10.0	mg/kg	200		119	73.6-125			
Total TPH C6-C28	457	10.0	mg/kg	400		114	78.1-120			
Surrogate: 1-Chlorooctane	55.8		mg/kg	50.0		112	48-117			
Surrogate: 1-Chlorooctadecane	55.2		mg/kg	50.0		110	39-120			

LCS Dup (6080777-BSD1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	227	10.0	mg/kg	200		113	80.3-117	3.03	7.91	
DRO >C10-C28	247	10.0	mg/kg	200		124	73.6-125	3.97	9.09	
Total TPH C6-C28	474	10.0	mg/kg	400		118	78.1-120	3.52	8.12	
Surrogate: 1-Chlorooctane	53.5		mg/kg	50.0		107	48-117			
Surrogate: 1-Chlorooctadecane	53.3		mg/kg	50.0		107	39-120			

Matrix Spike (6080777-MS1)

Source: H264580-17

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	213	10.0	mg/kg	200	ND	107	73.8-123			
DRO >C10-C28	236	10.0	mg/kg	200	ND	118	63.6-137			
Total TPH C6-C28	450	10.0	mg/kg	400	5.21	111	68.8-129			
Surrogate: 1-Chlorooctane	46.8		mg/kg	50.0		93.6	48-117			
Surrogate: 1-Chlorooctadecane	47.8		mg/kg	50.0		95.7	39-120			

Matrix Spike Dup (6080777-MSD1)

Source: H264580-17

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	214	10.0	mg/kg	200	ND	107	73.8-123	0.0520	13.9	
DRO >C10-C28	243	10.0	mg/kg	200	ND	122	63.6-137	2.96	14.9	
Total TPH C6-C28	457	10.0	mg/kg	400	5.21	113	68.8-129	1.61	15.1	
Surrogate: 1-Chlorooctane	46.7		mg/kg	50.0		93.4	48-117			

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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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

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
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Batch 6080777 - General Prep - Organics

Matrix Spike Dup (6080777-MSD1) Source: H264580-17 Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Surrogate: 1-Chlorooctadecane	47.5		mg/kg	50.0		94.9	39-120			
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Batch 6080778 - General Prep - Organics

Blank (6080778-BLK1) Prepared: 07-Aug-26 Analyzed: 08-Aug-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	50.8		mg/kg	50.0		102	48-117			
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Surrogate: 1-Chlorooctadecane	55.0		mg/kg	50.0		110	39-120			
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LCS (6080778-BS1) Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	195	10.0	mg/kg	200		97.5	80.3-117			
DRO >C10-C28	200	10.0	mg/kg	200		100	73.6-125			
Total TPH C6-C28	395	10.0	mg/kg	400		98.8	78.1-120			

Surrogate: 1-Chlorooctane	64.2		mg/kg	50.0		128	48-117			S-05
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Surrogate: 1-Chlorooctadecane	62.7		mg/kg	50.0		125	39-120			S-05
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LCS Dup (6080778-BSD1) Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	201	10.0	mg/kg	200		100	80.3-117	2.98	7.91	
DRO >C10-C28	200	10.0	mg/kg	200		100	73.6-125	0.0639	9.09	
Total TPH C6-C28	401	10.0	mg/kg	400		100	78.1-120	1.45	8.12	

Surrogate: 1-Chlorooctane	57.3		mg/kg	50.0		115	48-117			
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Surrogate: 1-Chlorooctadecane	58.7		mg/kg	50.0		117	39-120			
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Matrix Spike (6080778-MS1) Source: H264581-10 Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	196	10.0	mg/kg	200	ND	98.0	73.8-123			
DRO >C10-C28	201	10.0	mg/kg	200	ND	100	63.6-137			
Total TPH C6-C28	396	10.0	mg/kg	400	5.46	97.8	68.8-129			

Surrogate: 1-Chlorooctane	53.8		mg/kg	50.0		108	48-117			
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Surrogate: 1-Chlorooctadecane	53.0		mg/kg	50.0		106	39-120			
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Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

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
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Batch 6080778 - General Prep - Organics

Matrix Spike Dup (6080778-MSD1)		Source: H264581-10			Prepared: 07-Aug-26 Analyzed: 08-Aug-26					
GRO C6-C10	201	10.0	mg/kg	200	ND	101	73.8-123	2.62	13.9	
DRO >C10-C28	200	10.0	mg/kg	200	ND	99.8	63.6-137	0.493	14.9	
Total TPH C6-C28	401	10.0	mg/kg	400	5.46	98.8	68.8-129	1.07	15.1	
Surrogate: 1-Chlorooctane	57.1		mg/kg	50.0		114	48-117			
Surrogate: 1-Chlorooctadecane	58.4		mg/kg	50.0		117	39-120			

Batch 6080780 - General Prep - Organics

Blank (6080780-BLK1)		Prepared: 07-Aug-26 Analyzed: 08-Aug-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	45.4		mg/kg	50.0		90.7	48-117			
Surrogate: 1-Chlorooctadecane	46.2		mg/kg	50.0		92.4	39-120			

LCS (6080780-BS1)		Prepared: 07-Aug-26 Analyzed: 08-Aug-26								
GRO C6-C10	210	10.0	mg/kg	200		105	80.3-117			
DRO >C10-C28	201	10.0	mg/kg	200		101	73.6-125			
Total TPH C6-C28	411	10.0	mg/kg	400		103	78.1-120			
Surrogate: 1-Chlorooctane	48.3		mg/kg	50.0		96.6	48-117			
Surrogate: 1-Chlorooctadecane	50.0		mg/kg	50.0		100	39-120			

LCS Dup (6080780-BSD1)		Prepared: 07-Aug-26 Analyzed: 08-Aug-26								
GRO C6-C10	214	10.0	mg/kg	200		107	80.3-117	2.15	7.91	
DRO >C10-C28	205	10.0	mg/kg	200		102	73.6-125	1.66	9.09	
Total TPH C6-C28	419	10.0	mg/kg	400		105	78.1-120	1.91	8.12	
Surrogate: 1-Chlorooctane	45.8		mg/kg	50.0		91.6	48-117			
Surrogate: 1-Chlorooctadecane	47.1		mg/kg	50.0		94.3	39-120			

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

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
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Batch 6080780 - General Prep - Organics

Matrix Spike (6080780-MS1)		Source: H264581-30			Prepared: 07-Aug-26 Analyzed: 08-Aug-26					
GRO C6-C10	184	10.0	mg/kg	200	ND	91.8	73.8-123			
DRO >C10-C28	172	10.0	mg/kg	200	ND	85.8	63.6-137			
Total TPH C6-C28	355	10.0	mg/kg	400	ND	88.8	68.8-129			
Surrogate: 1-Chlorooctane	36.8		mg/kg	50.0		73.6	48-117			
Surrogate: 1-Chlorooctadecane	36.0		mg/kg	50.0		72.0	39-120			
Matrix Spike Dup (6080780-MSD1)		Source: H264581-30			Prepared: 07-Aug-26 Analyzed: 08-Aug-26					
GRO C6-C10	185	10.0	mg/kg	200	ND	92.4	73.8-123	0.610	13.9	
DRO >C10-C28	172	10.0	mg/kg	200	ND	86.2	63.6-137	0.527	14.9	
Total TPH C6-C28	357	10.0	mg/kg	400	ND	89.3	68.8-129	0.570	15.1	
Surrogate: 1-Chlorooctane	37.0		mg/kg	50.0		74.0	48-117			
Surrogate: 1-Chlorooctadecane	36.0		mg/kg	50.0		72.1	39-120			

Batch 6080781 - General Prep - Organics

Blank (6080781-BLK1)		Prepared: 07-Aug-26 Analyzed: 08-Aug-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	44.9		mg/kg	50.0		89.9	48-117			
Surrogate: 1-Chlorooctadecane	43.5		mg/kg	50.0		86.9	39-120			
LCS (6080781-BS1)		Prepared: 07-Aug-26 Analyzed: 08-Aug-26								
GRO C6-C10	205	10.0	mg/kg	200		102	80.3-117			
DRO >C10-C28	207	10.0	mg/kg	200		103	73.6-125			
Total TPH C6-C28	411	10.0	mg/kg	400		103	78.1-120			
Surrogate: 1-Chlorooctane	53.3		mg/kg	50.0		107	48-117			
Surrogate: 1-Chlorooctadecane	48.0		mg/kg	50.0		95.9	39-120			

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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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

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
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Batch 6080781 - General Prep - Organics**LCS Dup (6080781-BSD1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	213	10.0	mg/kg	200		106	80.3-117	3.98	7.91	
DRO >C10-C28	206	10.0	mg/kg	200		103	73.6-125	0.163	9.09	
Total TPH C6-C28	419	10.0	mg/kg	400		105	78.1-120	1.92	8.12	
Surrogate: 1-Chlorooctane	50.2		mg/kg	50.0		100	48-117			
Surrogate: 1-Chlorooctadecane	44.8		mg/kg	50.0		89.6	39-120			

Matrix Spike (6080781-MS1)

Source: H264581-50

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	203	10.0	mg/kg	200	ND	101	73.8-123			
DRO >C10-C28	202	10.0	mg/kg	200	ND	101	63.6-137			
Total TPH C6-C28	405	10.0	mg/kg	400	3.40	100	68.8-129			
Surrogate: 1-Chlorooctane	44.8		mg/kg	50.0		89.6	48-117			
Surrogate: 1-Chlorooctadecane	36.6		mg/kg	50.0		73.1	39-120			

Matrix Spike Dup (6080781-MSD1)

Source: H264581-50

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	205	10.0	mg/kg	200	ND	102	73.8-123	1.10	13.9	
DRO >C10-C28	204	10.0	mg/kg	200	ND	102	63.6-137	0.814	14.9	
Total TPH C6-C28	409	10.0	mg/kg	400	3.40	101	68.8-129	0.963	15.1	
Surrogate: 1-Chlorooctane	45.2		mg/kg	50.0		90.5	48-117			
Surrogate: 1-Chlorooctadecane	37.0		mg/kg	50.0		74.0	39-120			

Batch 6080782 - General Prep - Organics**Blank (6080782-BLK1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-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	44.9		mg/kg	50.0		89.9	48-117			
Surrogate: 1-Chlorooctadecane	45.9		mg/kg	50.0		91.9	39-120			

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

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
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Batch 6080782 - General Prep - Organics**LCS (6080782-BS1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	192	10.0	mg/kg	200		96.2	80.3-117			
DRO >C10-C28	197	10.0	mg/kg	200		98.7	73.6-125			
Total TPH C6-C28	390	10.0	mg/kg	400		97.5	78.1-120			
Surrogate: 1-Chlorooctane	46.9		mg/kg	50.0		93.8	48-117			
Surrogate: 1-Chlorooctadecane	48.0		mg/kg	50.0		96.1	39-120			

LCS Dup (6080782-BSD1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	197	10.0	mg/kg	200		98.4	80.3-117	2.23	7.91	
DRO >C10-C28	212	10.0	mg/kg	200		106	73.6-125	6.95	9.09	
Total TPH C6-C28	408	10.0	mg/kg	400		102	78.1-120	4.65	8.12	
Surrogate: 1-Chlorooctane	45.3		mg/kg	50.0		90.5	48-117			
Surrogate: 1-Chlorooctadecane	47.2		mg/kg	50.0		94.4	39-120			

Matrix Spike (6080782-MS1)

Source: H264581-70

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	209	10.0	mg/kg	200	ND	105	73.8-123			
DRO >C10-C28	223	10.0	mg/kg	200	ND	112	63.6-137			
Total TPH C6-C28	432	10.0	mg/kg	400	2.04	108	68.8-129			
Surrogate: 1-Chlorooctane	41.9		mg/kg	50.0		83.7	48-117			
Surrogate: 1-Chlorooctadecane	42.4		mg/kg	50.0		84.9	39-120			

Matrix Spike Dup (6080782-MSD1)

Source: H264581-70

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	207	10.0	mg/kg	200	ND	103	73.8-123	1.31	13.9	
DRO >C10-C28	217	10.0	mg/kg	200	ND	108	63.6-137	2.96	14.9	
Total TPH C6-C28	423	10.0	mg/kg	400	2.04	105	68.8-129	2.17	15.1	
Surrogate: 1-Chlorooctane	43.3		mg/kg	50.0		86.5	48-117			
Surrogate: 1-Chlorooctadecane	42.0		mg/kg	50.0		84.0	39-120			

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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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

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
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Batch 6080784 - General Prep - Organics**Blank (6080784-BLK1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-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	43.4		mg/kg	50.0		86.8	48-117			
Surrogate: 1-Chlorooctadecane	43.4		mg/kg	50.0		86.8	39-120			

LCS (6080784-BS1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	193	10.0	mg/kg	200		96.4	80.3-117			
DRO >C10-C28	194	10.0	mg/kg	200		96.8	73.6-125			
Total TPH C6-C28	386	10.0	mg/kg	400		96.6	78.1-120			
Surrogate: 1-Chlorooctane	46.3		mg/kg	50.0		92.6	48-117			
Surrogate: 1-Chlorooctadecane	47.9		mg/kg	50.0		95.7	39-120			

LCS Dup (6080784-BSD1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	199	10.0	mg/kg	200		99.5	80.3-117	3.22	7.91	
DRO >C10-C28	198	10.0	mg/kg	200		99.0	73.6-125	2.26	9.09	
Total TPH C6-C28	397	10.0	mg/kg	400		99.2	78.1-120	2.74	8.12	
Surrogate: 1-Chlorooctane	44.3		mg/kg	50.0		88.5	48-117			
Surrogate: 1-Chlorooctadecane	45.3		mg/kg	50.0		90.6	39-120			

Matrix Spike (6080784-MS1)

Source: H264581-90

Prepared: 07-Aug-26 Analyzed: 09-Aug-26

GRO C6-C10	194	10.0	mg/kg	200	ND	97.0	73.8-123			
DRO >C10-C28	195	10.0	mg/kg	200	ND	97.7	63.6-137			
Total TPH C6-C28	389	10.0	mg/kg	400	1.83	96.9	68.8-129			
Surrogate: 1-Chlorooctane	38.2		mg/kg	50.0		76.3	48-117			
Surrogate: 1-Chlorooctadecane	37.4		mg/kg	50.0		74.9	39-120			

Matrix Spike Dup (6080784-MSD1)

Source: H264581-90

Prepared: 07-Aug-26 Analyzed: 09-Aug-26

GRO C6-C10	194	10.0	mg/kg	200	ND	97.1	73.8-123	0.0840	13.9	
DRO >C10-C28	196	10.0	mg/kg	200	ND	97.9	63.6-137	0.241	14.9	
Total TPH C6-C28	390	10.0	mg/kg	400	1.83	97.0	68.8-129	0.163	15.1	
Surrogate: 1-Chlorooctane	38.3		mg/kg	50.0		76.7	48-117			

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 12:19

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 6080784 - General Prep - Organics**Matrix Spike Dup (6080784-MSD1)****Source: H264581-90**

Prepared: 07-Aug-26 Analyzed: 09-Aug-26

Surrogate: 1-Chlorooctadecane	37.9		mg/kg	50.0		75.7	39-120
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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: HA44581

Page 1 of 17

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elm Spill (03.26.25)	Turn Around	Pre. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2687	☐ Routine ☒ Rush														None: NO DI Water: H ₂ O		
Project Location:	Eddy County, New Mexico	Due Date:	24 HR													Cool: Cool MeOH: Me		
Sampler's Name:	JM & JR															HCL: HC HNO ₃ : HN		
PO #:																H ₂ SO ₄ : H ₂ NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No													H ₃ PO ₄ : HP	
Received Intact:	Yes No	Thermometer ID:															NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No	Correction Factor:															Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes No	Temperature Reading:															Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments
CS-110 (4')	8/6/2026	9:00 AM	X		Comp	1	BTEX 8021B												
CS-111 (4')	8/6/2026	9:02 AM	X		Comp	1	TPH 8015M (GRO + DRO + MRO)												
CS-112 (4')	8/6/2026	9:06 AM	X		Comp	1	Chloride 4500												
CS-113 (4')	8/6/2026	9:10 AM	X		Comp	1													
CS-114 (4')	8/6/2026	9:14 AM	X		Comp	1													
CS-115 (4')	8/6/2026	9:18 AM	X		Comp	1													
CS-116 (4')	8/6/2026	9:22 AM	X		Comp	1													
CS-117 (4')	8/6/2026	9:26 AM	X		Comp	1													
CS-118 (4')	8/6/2026	9:30 AM	X		Comp	1													
CS-119 (4')	8/6/2026	9:34 AM	X		Comp	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
<i>[Signature]</i>	8/16/2026	<i>[Signature]</i>	

Chain of Custody

Work Order No: HA4581

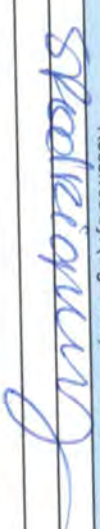
Page 2 of 17

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Rowfields ☐ JRC ☐ Pertund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Phone: (432) 613-0020		Turn Around		ANALYSIS REQUEST												Preservative Codes		
Project Name:	Deep Elem Spill (03.26.25)	☐ Routine ☒ Rush	Pres. Code													None: NO	DI Water: H ₂ O	
Project Number:	2687															Cool: Cool	MeOH: Me	
Project Location:	Eddy County, New Mexico	Due Date:	24 HR													HCL: HC	HNO ₃ : HN	
Sampler's Name:	JM & JR															H ₂ SO ₄ : H ₂	NaOH: Na	
PO #:																H ₃ PO ₄ : HP		
SAMPLE RECEIPT	Temp Blank:	Yes/No	Yes/No	Wet Ice:	Yes/No	Parameters												NaHSO ₄ : NABIS
	Received Intact:	Yes/No	Thermometer ID:			BTX 8021B												Na ₂ S ₂ O ₃ : NaSO ₃
	Cooler Custody Seals:	Yes/No	Correction Factor:			TPH 8015M (GRO + DRO + MRO)												Zn Acetate+NaOH: Zn
	Sample Custody Seals:	Yes/No	Temperature Reading:			Chloride 4500												NaOH+Ascorbic Acid: SAPC
	Total Containers:		Corrected Temperature:															
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
CS-120 (4')	8/6/2026	9:40 AM	X		Comp	1	X	X	X								123	
CS-121 (4')	8/6/2026	9:42 AM	X		Comp	1	X	X	X								123	
CS-122 (4')	8/6/2026	9:46 AM	X		Comp	1	X	X	X								123	
CS-123 (8')	8/6/2026	9:50 AM	X		Comp	1	X	X	X								123	
CS-124 (8')	8/6/2026	9:54 AM	X		Comp	1	X	X	X								123	
CS-125 (8')	8/6/2026	9:58 AM	X		Comp	1	X	X	X								123	
CS-126 (8')	8/6/2026	10:02 AM	X		Comp	1	X	X	X								123	
CS-127 (8')	8/6/2026	10:06 AM	X		Comp	1	X	X	X								123	
CS-128 (8')	8/6/2026	10:10 AM	X		Comp	1	X	X	X								123	
CS-129 (8')	8/6/2026	10:14 AM	X		Comp	1	X	X	X								123	

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

Relinquished by: (Signature)		Date/Time	Received by: (Signature)	Date/Time
		8/16/26		

Chain of Custody

Work Order No: 1944581

Page 3 of 17

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Rowfields ☐ JRC ☐ Pertund ☐	
State of Project:	
Reporting Level I ☐ Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	2687															None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico	Due Date:	24 HR													Cool: Cool	MeOH: Me
Sampler's Name:	JM & JR															HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No	Parameters											
Received Intact:	Yes No	Thermometer ID:															
Cooler Custody Seals:	Yes No	Correction Factor:															
Sample Custody Seals:	Yes No	Temperature Reading:															
Total Containers:		Corrected Temperature:															

Sample Identification	Date	Time	Soil	Water	Grab/ Cont	# of Cont	ANALYSIS REQUEST										Sample Comments
CS-130 (8')	8/6/2026	10:20 AM	X		Comp	1	X	X	X								21
CS-131 (8')	8/6/2026	10:22 AM	X		Comp	1	X	X	X								22
CS-132 (8')	8/6/2026	10:26 AM	X		Comp	1	X	X	X								23
CS-133 (8')	8/6/2026	10:30 AM	X		Comp	1	X	X	X								24
CS-134 (8')	8/6/2026	10:34 AM	X		Comp	1	X	X	X								25
CS-135 (3')	8/6/2026	10:38 AM	X		Comp	1	X	X	X								26
CS-136 (3')	8/6/2026	10:42 AM	X		Comp	1	X	X	X								27
CS-137 (3')	8/6/2026	10:46 AM	X		Comp	1	X	X	X								28
CS-138 (3')	8/6/2026	10:50 AM	X		Comp	1	X	X	X								29
CS-139 (3')	8/6/2026	10:54 AM	X		Comp	1	X	X	X								30

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

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
<i>af Aubrey</i>		8/14/26	<i>Stateigunary</i>		

Chain of Custody

Work Order No: 1804581

Page 4 of 17

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elm Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Due Date:	24 HR	Pres. Code	
Project Number:	2687						
Project Location:	Eddy County, New Mexico						
Sampler's Name:	JM & JR						
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:	4.9		
Sample Custody Seals:	Yes	No	N/A	Temperature Reading:	5.0		
Total Containers:				Corrected Temperature:			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters
CS-140 (3)	8/6/2026	11:00 AM	X		Comp	1	X X X X
CS-141 (3)	8/6/2026	11:02 AM	X		Comp	1	X X X X
CS-142 (3)	8/6/2026	11:06 AM	X		Comp	1	X X X X
CS-143 (3)	8/6/2026	11:10 AM	X		Comp	1	X X X X
CS-144 (3)	8/6/2026	11:14 AM	X		Comp	1	X X X X
CS-145 (3)	8/6/2026	11:18 AM	X		Comp	1	X X X X
CS-146 (3)	8/6/2026	11:22 AM	X		Comp	1	X X X X
CS-147 (3)	8/6/2026	11:26 AM	X		Comp	1	X X X X
CS-148 (3)	8/6/2026	11:30 AM	X		Comp	1	X X X X
CS-149 (3)	8/6/2026	11:34 AM	X		Comp	1	X 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
<i>cy Justice</i>	8/14/2026	<i>Shadrigha</i>	

Chain of Custody

Work Order No: 1804581

Page 5 of 17

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Rowfields ☐ JRC ☐ Pertund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Deep Elm Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Press. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	2687	Due Date:	24 HR												None: NO	DI Water: H ₂ O	
Project Location:	Eddy County, New Mexico														Cool: Cool	MeOH: Me	
Sampler's Name:	JM & JR														HCL: HC	HNO ₃ : HN	
PO #:															H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐											H ₃ PO ₄ : HP	
Received In tact:	Yes ☒ No ☐	Thermometer ID:														NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐ N/A	Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading:														Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments
CS-150 (3)	8/6/2026	11:35 AM	X		Comp	1	BTEX 8021B										41
CS-151 (3)	8/6/2026	11:37 AM	X		Comp	1	TPH 8015M (GRO + DRO + MRO)										42
CS-152 (3)	8/6/2026	11:41 AM	X		Comp	1	Chloride 4500										43
CS-153 (3)	8/6/2026	11:45 AM	X		Comp	1											44
CS-154 (3)	8/6/2026	11:49 AM	X		Comp	1											45
CS-155 (3)	8/6/2026	11:53 AM	X		Comp	1											46
CS-156 (3)	8/6/2026	11:57 AM	X		Comp	1											47
CS-157 (3)	8/6/2026	12:01 PM	X		Comp	1											48
CS-158 (3)	8/6/2026	12:05 PM	X		Comp	1											49
CS-159 (3)	8/6/2026	12:09 PM	X		Comp	1											50

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

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
<i>g. Jullian</i>		8/17/26 1428	<i>Shadrach</i>		

Work Order No: 42104581

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Work Order Comments	
Program: UST/PT ☐ RP ☐ Rowfields ☐ RC ☐ ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:				Deep Elem Spill (03.26.25)				Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:				2687				☐ Routine ☒ Rush																None: NO							
Project Location				Eddy County, New Mexico				Due Date:				24 HR												Cool: Cool							
Sampler's Name:				JM & JR																				HCL: HC							
PO #:																								H2SO4: H2							
SAMPLE RECEIPT				Temp Blank:				Yes No				Well Ice:				Yes No				H3PO4: HP											
Received Intact:				Yes No				Thermometer ID:				140								NaHSO4: NABIS											
Cooler Custody Seals:				Yes No				Correction Factor:				1.04								Na2S2O3: NaSO3											
Sample Custody Seals:				Yes No				Temperature Reading:				4.4								Zn Acetate: NaOH: Zn											
Total Containers:								Corrected Temperature:				3.0								NaOH+Ascorbic Acid: SAPC											
Sample Identification				Date				Time				Soil				Water				Grab/Comp				# of Cont				Sample Comments			
CS-160 (3)				8/6/2026				12:10 PM				X								Comp 1				1				51			
CS-161 (3)				8/6/2026				12:12 PM				X								Comp 1				1				53			
CS-162 (3)				8/6/2026				12:16 PM				X								Comp 1				1				54			
CS-163 (4.5)				8/6/2026				12:20 PM				X								Comp 1				1				55			
CS-164 (4.5)				8/6/2026				12:24 PM				X								Comp 1				1				56			
CS-165 (4.5)				8/6/2026				12:28 PM				X								Comp 1				1				57			
CS-166 (4.5)				8/6/2026				12:32 PM				X								Comp 1				1				58			
CS-167 (4.5)				8/6/2026				12:36 PM				X								Comp 1				1				59			
CS-168 (4.5)				8/6/2026				12:40 PM				X								Comp 1				1				60			
CS-169 (4.5)				8/6/2026				12:44 PM				X								Comp 1				1							

Date/Time

of Justice

8/7/2014

Stakeholder

Chain of Custody

Work Order No: 1804581

Page 7 of 17

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Rowfields ☐ JRC ☐ Pertund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Due Date:	24 HR	Pres. Code	
Project Number:	2687						
Project Location:	Eddy County, New Mexico						
Sampler's Name:	JM & JR						
PO #:							
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No	Parameters	
Received Intact:	Yes (No)	Thermometer ID:				BTEX 8021B	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:				TPH 8015M (GRO + DRO + MRO)	
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:				Chloride 4500	
Total Containers:		Corrected Temperature:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes	Sample Comments
CS-170 (4.5')	8/6/2026	12:46 PM	X		Comp	1	X	X	X									461
CS-171 (4.5')	8/6/2026	12:48 PM	X		Comp	1	X	X	X									462
CS-172 (4.5')	8/6/2026	12:52 PM	X		Comp	1	X	X	X									463
CS-173 (4.5')	8/6/2026	12:56 PM	X		Comp	1	X	X	X									464
CS-174 (4.5')	8/6/2026	1:00 PM	X		Comp	1	X	X	X									465
CS-175 (4.5')	8/6/2026	1:04 PM	X		Comp	1	X	X	X									466
CS-176 (4.5')	8/6/2026	1:08 PM	X		Comp	1	X	X	X									467
CS-177 (4.5')	8/6/2026	1:12 PM	X		Comp	1	X	X	X									468
CS-178 (4.5')	8/6/2026	1:16 PM	X		Comp	1	X	X	X									469
CS-179 (4.5')	8/6/2026	1:20 PM	X		Comp	1	X	X	X									470

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<u>of Hadley</u>	<u>8/18/26 1432</u>	<u>SPADKAPUR</u>	

Chain of Custody

Work Order No.: 18464581

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Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RC ☐ Perturb
State of Project:	Reporting Level I ☐ Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables: EDO	☐ ADAPT ☐ Other:

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Due Date:	24 HR	Pres. Code	
Project Number:	2687						
Project Location:	Eddy County, New Mexico						
Sampler's Name:	JM & JR						
PO #:							
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	Parameters	
Received Intact:	Yes ☒ No ☐	Thermometer ID:				BTEX 8021B	
Cooler Custody Seals:	Yes ☒ No ☐ N/A	Correction Factor:				TPH 8015M (GRO + DRO + MRO)	
Sample Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading:				Chloride 4500	
Total Containers:		Corrected Temperature:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes	Sample Comments
CS-180 (4.5')	8/6/2026	1:22 PM	X		Comp	1	X	X	X									71
CS-181 (4.5')	8/6/2026	1:24 PM	X		Comp	1	X	X	X									72
CS-182 (4.5')	8/6/2026	1:28 PM	X		Comp	1	X	X	X									73
CS-183 (4.5')	8/6/2026	1:32 PM	X		Comp	1	X	X	X									74
CS-184 (4.5')	8/6/2026	1:36 PM	X		Comp	1	X	X	X									75
CS-185 (4.5')	8/6/2026	1:40 PM	X		Comp	1	X	X	X									76
CS-186 (4.5')	8/6/2026	1:44 PM	X		Comp	1	X	X	X									77
CS-187 (4.5')	8/6/2026	1:48 PM	X		Comp	1	X	X	X									78
CS-188 (2')	8/6/2026	1:52 PM	X		Comp	1	X	X	X									79
CS-189 (2')	8/6/2026	1:56 PM	X		Comp	1	X	X	X									80

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>cy Bentley</i>	8/16/26	<i>Hadlie Stout</i>	

Work Order No. _____

HaLa4581

Page 9 of 17

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

Work Order Comments			
Program: UST/PST ☐ RRP ☐ Crownfields ☐ RC ☐ Iperfund ☐ State of Project: Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐ Deliverables: EDD ☐ ADAPT ☐ Other:			

Project Name:		Deep Elm Spill (03.26.25)		Turn Around		ANALYSIS REQUEST										Preservative Codes	
Project Number:		2887		☐ Routine ☒ Rush		Pres. Code										None: NO DI Water: H ₂ O	
Project Location		Eddy County, New Mexico		Due Date:		24 HR										Cool: Cool MeOH: Me	
Sampler's Name:		JM & JR														HCL: HC HNO ₃ : HN	
PO #:																H ₂ SO ₄ : H ₂ NaOH: Na	
SAMPLE RECEIPT				Temp Blank:		Yes No		Well Ice:		Yes No						H ₃ PO ₄ : HP NaHSO ₄ : NABIS	
Received Intact:				Yes No		Thermometer ID:										Na ₂ S ₂ O ₃ : NASO ₃	
Cooler Custody Seals:				Yes No		Correction Factor:										Zn Acetate+NaOH: Zn	
Sample Custody Seals:				Yes No		Temperature Reading:										NaOH+Ascorbic Acid: SAPC	
Total Containers:						Corrected Temperature:											
Sample Identification				Date		Time		Soil		Water		Grab/Comp		# of Cont		Sample Comments	
CS-190 (2)				8/6/2026		1:58 PM		X				Comp		1		X X X 8/1	
CS-191 (2)				8/6/2026		2:00 PM		X				Comp		1		X X X 8/2	
CS-192 (2)				8/6/2026		2:04 PM		X				Comp		1		X X X 8/3	
CS-193 (2)				8/6/2026		2:08 PM		X				Comp		1		X X X 8/4	
CS-194 (2)				8/6/2026		2:12 PM		X				Comp		1		X X X 8/5	
CS-195 (2)				8/6/2026		2:16 PM		X				Comp		1		X X X 8/6	
CS-196 (2)				8/6/2026		2:20 PM		X				Comp		1		X X X 8/7	
CS-197 (2)				8/6/2026		2:24 PM		X				Comp		1		X X X 8/8	
CS-198 (2)				8/6/2026		2:28 PM		X				Comp		1		X X X 8/9	
CS-199 (2)				8/6/2026		2:32 PM		X				Comp		1		X X X 8/9	

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

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 10, 2026

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: DEEP ELEM SPILL (03.26.25)

Enclosed are the results of analyses for samples received by the laboratory on 08/07/26 14:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS-200 (2')	H264582-01	Soil	06-Aug-26 14:34	07-Aug-26 14:22
CS-201 (2')	H264582-02	Soil	06-Aug-26 14:36	07-Aug-26 14:22
CS-202 (2')	H264582-03	Soil	06-Aug-26 14:40	07-Aug-26 14:22
CS-203 (2')	H264582-04	Soil	06-Aug-26 14:44	07-Aug-26 14:22
CS-204 (2')	H264582-05	Soil	06-Aug-26 14:48	07-Aug-26 14:22
CS-205 (2')	H264582-06	Soil	06-Aug-26 14:52	07-Aug-26 14:22
CS-206 (2')	H264582-07	Soil	06-Aug-26 14:56	07-Aug-26 14:22
CS-207 (2')	H264582-08	Soil	06-Aug-26 15:00	07-Aug-26 14:22
CS-208 (2')	H264582-09	Soil	06-Aug-26 15:04	07-Aug-26 14:22
CS-209 (2')	H264582-10	Soil	06-Aug-26 15:08	07-Aug-26 14:22
CS-210 (2')	H264582-11	Soil	06-Aug-26 15:10	07-Aug-26 14:22
CS-211 (2')	H264582-12	Soil	06-Aug-26 15:12	07-Aug-26 14:22
CS-212 (2')	H264582-13	Soil	06-Aug-26 15:16	07-Aug-26 14:22
CS-213 (2')	H264582-14	Soil	06-Aug-26 15:20	07-Aug-26 14:22
CS-214 (2')	H264582-15	Soil	06-Aug-26 15:24	07-Aug-26 14:22
CS-215 (2')	H264582-16	Soil	06-Aug-26 15:28	07-Aug-26 14:22
CS-216 (2')	H264582-17	Soil	06-Aug-26 15:32	07-Aug-26 14:22
CS-217 (2')	H264582-18	Soil	06-Aug-26 15:36	07-Aug-26 14:22
CS-218 (2')	H264582-19	Soil	06-Aug-26 15:40	07-Aug-26 14:22
CS-219 (2')	H264582-20	Soil	06-Aug-26 15:44	07-Aug-26 14:22
CS-220 (2')	H264582-21	Soil	06-Aug-26 15:46	07-Aug-26 14:22
CS-221 (2')	H264582-22	Soil	06-Aug-26 15:48	07-Aug-26 14:22
CS-222 (2')	H264582-23	Soil	06-Aug-26 15:52	07-Aug-26 14:22
CS-223 (2')	H264582-24	Soil	06-Aug-26 15:56	07-Aug-26 14:22
CS-224 (2')	H264582-25	Soil	06-Aug-26 16:00	07-Aug-26 14:22
CS-225 (2')	H264582-26	Soil	06-Aug-26 16:04	07-Aug-26 14:22
CS-226 (1.5')	H264582-27	Soil	06-Aug-26 16:08	07-Aug-26 14:22

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-227 (1.5')	H264582-28	Soil	06-Aug-26 16:12	07-Aug-26 14:22
CS-228 (1.5')	H264582-29	Soil	06-Aug-26 16:16	07-Aug-26 14:22
CS-229 (1.5')	H264582-30	Soil	06-Aug-26 16:20	07-Aug-26 14:22
CS-230 (1.5')	H264582-31	Soil	06-Aug-26 16:22	07-Aug-26 14:22
CS-231 (1.5')	H264582-32	Soil	06-Aug-26 16:24	07-Aug-26 14:22
CS-232 (1.5')	H264582-33	Soil	06-Aug-26 16:28	07-Aug-26 14:22
CS-233 (1.5')	H264582-34	Soil	06-Aug-26 16:32	07-Aug-26 14:22
CS-234 (1.5')	H264582-35	Soil	06-Aug-26 16:36	07-Aug-26 14:22
CS-235 (1.5')	H264582-36	Soil	06-Aug-26 16:40	07-Aug-26 14:22
CS-236 (1.5')	H264582-37	Soil	06-Aug-26 16:44	07-Aug-26 14:22
CS-237 (1.5')	H264582-38	Soil	06-Aug-26 16:48	07-Aug-26 14:22
CS-238 (1.5')	H264582-39	Soil	06-Aug-26 16:52	07-Aug-26 14:22
CS-239 (1.5')	H264582-40	Soil	06-Aug-26 16:56	07-Aug-26 14:22
CS-240 (1.5')	H264582-41	Soil	06-Aug-26 16:22	07-Aug-26 14:22
CS-241 (1.5')	H264582-42	Soil	06-Aug-26 16:24	07-Aug-26 14:22
CS-242 (1.5')	H264582-43	Soil	06-Aug-26 16:28	07-Aug-26 14:22
CS-243 (1.5')	H264582-44	Soil	06-Aug-26 16:32	07-Aug-26 14:22
SW-27 (2')	H264582-45	Soil	06-Aug-26 09:00	07-Aug-26 14:22
SW-28 (2')	H264582-46	Soil	06-Aug-26 09:02	07-Aug-26 14:22
SW-29 (4.5')	H264582-47	Soil	06-Aug-26 09:06	07-Aug-26 14:22
SW-30 (4.5')	H264582-48	Soil	06-Aug-26 09:10	07-Aug-26 14:22
SW-31 (4.5')	H264582-49	Soil	06-Aug-26 09:14	07-Aug-26 14:22
SW-32 (4.5')	H264582-50	Soil	06-Aug-26 09:18	07-Aug-26 14:22
SW-33 (8')	H264582-51	Soil	06-Aug-26 09:40	07-Aug-26 14:22
SW-34 (8')	H264582-52	Soil	06-Aug-26 09:42	07-Aug-26 14:22
SW-35 (8')	H264582-53	Soil	06-Aug-26 09:46	07-Aug-26 14:22
SW-36 (8')	H264582-54	Soil	06-Aug-26 09:50	07-Aug-26 14:22
SW-37 (8')	H264582-55	Soil	06-Aug-26 09:54	07-Aug-26 14:22
SW-38 (8')	H264582-56	Soil	06-Aug-26 09:58	07-Aug-26 14:22
SW-39 (4')	H264582-57	Soil	06-Aug-26 10:02	07-Aug-26 14:22

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-40 (4')	H264582-58	Soil	06-Aug-26 10:06	07-Aug-26 14:22
SW-41 (4')	H264582-59	Soil	06-Aug-26 10:10	07-Aug-26 14:22
SW-42 (4')	H264582-60	Soil	06-Aug-26 10:14	07-Aug-26 14:22
SW-43 (4')	H264582-61	Soil	06-Aug-26 10:20	07-Aug-26 14:22
SW-44 (4')	H264582-62	Soil	06-Aug-26 10:22	07-Aug-26 14:22
SW-45 (3')	H264582-63	Soil	06-Aug-26 10:26	07-Aug-26 14:22
SW-46 (3')	H264582-64	Soil	06-Aug-26 10:30	07-Aug-26 14:22
SW-47 (2')	H264582-65	Soil	06-Aug-26 10:34	07-Aug-26 14:22
SW-48 (2')	H264582-66	Soil	06-Aug-26 10:38	07-Aug-26 14:22
SW-49 (0.5')	H264582-67	Soil	06-Aug-26 10:42	07-Aug-26 14:22
SW-50 (0.5')	H264582-68	Soil	06-Aug-26 10:46	07-Aug-26 14:22
SW-51 (1')	H264582-69	Soil	06-Aug-26 10:50	07-Aug-26 14:22
SW-52 (1')	H264582-70	Soil	06-Aug-26 10:54	07-Aug-26 14:22
SW-53 (2.5')	H264582-71	Soil	06-Aug-26 11:00	07-Aug-26 14:22
SW-54 (1.5')	H264582-72	Soil	06-Aug-26 11:02	07-Aug-26 14:22
SW-55 (3.5')	H264582-73	Soil	06-Aug-26 11:06	07-Aug-26 14:22
SW-56 (5')	H264582-74	Soil	06-Aug-26 11:10	07-Aug-26 14:22
SW-57 (1')	H264582-75	Soil	06-Aug-26 11:14	07-Aug-26 14:22
SW-58 (1.5')	H264582-76	Soil	06-Aug-26 12:00	07-Aug-26 14:22

CASE NARRATIVE:

No labels with lot numbers on sample containers for traceability.

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-200 (2')
H264582-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	6080779	AC	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080760	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	90.8 %	70.7-129	6080760	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	75.3 %	48-117	6080784	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	72.3 %	39-120	6080784	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-201 (2')
H264582-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	304		16.0	mg/kg	4	6080779	AC	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080760	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	90.0 %	70.7-129	6080760	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	71.4 %	48-117	6080784	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	69.0 %	39-120	6080784	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-202 (2')
H264582-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	6080779	AC	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080760	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	91.5 %	70.7-129	6080760	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	70.0 %	48-117	6080784	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	66.9 %	39-120	6080784	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-203 (2')
H264582-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	6080779	AC	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080760	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	91.2 %	70.7-129	6080760	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	73.9 %	48-117	6080784	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	71.2 %	39-120	6080784	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-204 (2')
H264582-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	6080779	AC	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080760	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080760	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 70.7-129 6080760 JH 08-Aug-26 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane 63.0 % 48-117 6080784 JF 08-Aug-26 8015B

Surrogate: 1-Chlorooctadecane 59.9 % 39-120 6080784 JF 08-Aug-26 8015B

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-205 (2')
H264582-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.7 %		70.7-129	6080761	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			73.2 %		48-117	6080784	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			69.5 %		39-120	6080784	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-206 (2')
H264582-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.4 %	70.7-129	6080761	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	76.0 %	48-117	6080784	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	71.9 %	39-120	6080784	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-207 (2')
H264582-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.5 %	70.7-129	6080761	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	75.3 %	48-117	6080784	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	70.3 %	39-120	6080784	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-208 (2')
H264582-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.9 %		70.7-129	6080761	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			73.4 %		48-117	6080784	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			69.9 %		39-120	6080784	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-209 (2')
H264582-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.6 %		70.7-129	6080761	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			63.0 %		48-117	6080784	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			60.3 %		39-120	6080784	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-210 (2')
H264582-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		94.8 %		70.7-129	6080761	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>		73.6 %		48-117	6080784	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		70.2 %		39-120	6080784	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-211 (2')
H264582-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		94.4 %		70.7-129	6080761	JH	08-Aug-26	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
Surrogate: 1-Chlorooctane		71.2 %		48-117	6080784	JF	08-Aug-26	8015B	
Surrogate: 1-Chlorooctadecane		67.9 %		39-120	6080784	JF	08-Aug-26	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-212 (2')
H264582-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B
Toluene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B
Total BTEX	<0.300	0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B

Surrogate: 4-Bromofluorobenzene (PID)	95.4 %	70.7-129	6080761	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	77.2 %	48-117	6080784	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	72.6 %	39-120	6080784	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-213 (2')
H264582-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B
Toluene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B
Total BTEX	<0.300	0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B

Surrogate: 4-Bromofluorobenzene (PID)	93.8 %	70.7-129	6080761	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	75.2 %	48-117	6080784	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	71.2 %	39-120	6080784	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-214 (2')
H264582-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 70.7-129 6080761 JH 08-Aug-26 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane 74.4 % 48-117 6080784 JF 08-Aug-26 8015B

Surrogate: 1-Chlorooctadecane 72.6 % 39-120 6080784 JF 08-Aug-26 8015B

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-215 (2')
H264582-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.0 %	70.7-129		6080761	JH	08-Aug-26	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
<i>Surrogate: 1-Chlorooctane</i>			75.5 %	48-117		6080784	JF	08-Aug-26	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			70.6 %	39-120		6080784	JF	08-Aug-26	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-216 (2')
H264582-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B
Toluene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B
Total BTEX	<0.300	0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B

Surrogate: 4-Bromofluorobenzene (PID)	94.7 %	70.7-129	6080761	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	79.5 %	48-117	6080784	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	75.9 %	39-120	6080784	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-217 (2')
H264582-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.6 %		70.7-129	6080761	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			78.9 %		48-117	6080784	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			75.1 %		39-120	6080784	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-218 (2')
H264582-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.0 %		70.7-129	6080761	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080784	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.4 %		48-117	6080784	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			75.4 %		39-120	6080784	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-219 (2')
H264582-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.2 %	70.7-129	6080761	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	70.4 %	48-117	6080786	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	65.2 %	39-120	6080786	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-220 (2')
H264582-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			95.5 %		70.7-129	6080761	JH	08-Aug-26	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
Surrogate: 1-Chlorooctane			74.6 %		48-117	6080786	JF	08-Aug-26	8015B	
Surrogate: 1-Chlorooctadecane			69.2 %		39-120	6080786	JF	08-Aug-26	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-221 (2')
H264582-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.0 %		70.7-129	6080761	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.8 %		48-117	6080786	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			75.2 %		39-120	6080786	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-222 (2')
H264582-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B
Toluene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B
Total BTEX	<0.300	0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B

Surrogate: 4-Bromofluorobenzene (PID)	94.0 %	70.7-129	6080761	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	68.0 %	48-117	6080786	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	62.4 %	39-120	6080786	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-223 (2')
H264582-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	352		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.0 %	70.7-129	6080761	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	72.8 %	48-117	6080786	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	66.0 %	39-120	6080786	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-224 (2')
H264582-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	496		16.0	mg/kg	4	6080783	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080761	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080761	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 70.7-129 6080761 JH 08-Aug-26 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane 70.1 % 48-117 6080786 JF 08-Aug-26 8015B

Surrogate: 1-Chlorooctadecane 63.6 % 39-120 6080786 JF 08-Aug-26 8015B

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-225 (2')
H264582-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	103 %	70.7-129	6080762	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	78.1 %	48-117	6080786	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	71.4 %	39-120	6080786	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-226 (1.5')**H264582-27 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	400		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	103 %	70.7-129	6080762	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	77.1 %	48-117	6080786	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	70.4 %	39-120	6080786	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-227 (1.5')
H264582-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	368		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B
Toluene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B
Total BTEX	<0.300	0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B

Surrogate: 4-Bromofluorobenzene (PID)	103 %	70.7-129	6080762	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	72.6 %	48-117	6080786	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	66.1 %	39-120	6080786	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-228 (1.5')**H264582-29 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	464		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B
Toluene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B
Total BTEX	<0.300	0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B

Surrogate: 4-Bromofluorobenzene (PID)	101 %	70.7-129	6080762	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	77.6 %	48-117	6080786	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	70.5 %	39-120	6080786	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-229 (1.5')**H264582-30 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	512		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	103 %	70.7-129	6080762	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	69.9 %	48-117	6080786	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	65.4 %	39-120	6080786	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-230 (1.5')**H264582-31 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	480		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	70.7-129		6080762	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			67.2 %	48-117		6080786	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			60.6 %	39-120		6080786	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-231 (1.5')**H264582-32 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	560		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.6 %		70.7-129	6080762	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			80.7 %		48-117	6080786	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			73.0 %		39-120	6080786	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-232 (1.5')
H264582-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	432		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B
Toluene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B
Total BTEX	<0.300	0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B

Surrogate: 4-Bromofluorobenzene (PID)	103 %	70.7-129	6080762	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	72.3 %	48-117	6080786	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	67.8 %	39-120	6080786	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-233 (1.5')**H264582-34 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	528		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	101 %	70.7-129	6080762	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	78.3 %	48-117	6080786	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	73.3 %	39-120	6080786	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-234 (1.5')**H264582-35 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	496		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	70.7-129		6080762	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			80.9 %	48-117		6080786	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			73.2 %	39-120		6080786	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-235 (1.5')**H264582-36 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	496		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	70.7-129		6080762	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			70.0 %	48-117		6080786	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			63.0 %	39-120		6080786	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-236 (1.5')**H264582-37 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	384		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	70.7-129		6080762	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			75.8 %	48-117		6080786	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			69.8 %	39-120		6080786	JF	08-Aug-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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-237 (1.5')**H264582-38 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	464		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	101 %	70.7-129	6080762	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	78.7 %	48-117	6080786	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	71.5 %	39-120	6080786	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-238 (1.5')**H264582-39 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	480		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	70.7-129		6080762	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080786	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			80.7 %	48-117		6080786	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			74.5 %	39-120		6080786	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-239 (1.5')
H264582-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	480		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	70.7-129		6080762	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			89.6 %	48-117		6080787	JF	10-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			82.7 %	39-120		6080787	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-240 (1.5')**H264582-41 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	400		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	104 %	70.7-129	6080762	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	

Surrogate: 1-Chlorooctane	83.7 %	48-117	6080787	JF	10-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	77.1 %	39-120	6080787	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-241 (1.5')**H264582-42 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	496		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	70.7-129		6080762	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	

Surrogate: 1-Chlorooctane			91.2 %	48-117		6080787	JF	10-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			83.9 %	39-120		6080787	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-242 (1.5')**H264582-43 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	448		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	101 %	70.7-129	6080762	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B

Surrogate: 1-Chlorooctane	89.2 %	48-117	6080787	JF	10-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	82.0 %	39-120	6080787	JF	10-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

CS-243 (1.5')**H264582-44 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		101 %		70.7-129	6080762	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>		86.5 %		48-117	6080787	JF	10-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		79.6 %		39-120	6080787	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-27 (2')
H264582-45 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	480		16.0	mg/kg	4	6080785	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080762	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080762	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	102 %	70.7-129	6080762	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	

Surrogate: 1-Chlorooctane	82.3 %	48-117	6080787	JF	10-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	75.6 %	39-120	6080787	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-28 (2')
H264582-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	120 %	70.7-129	6080763	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B

Surrogate: 1-Chlorooctane	84.0 %	48-117	6080787	JF	10-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	77.0 %	39-120	6080787	JF	10-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-29 (4.5')
H264582-47 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	119 %	70.7-129	6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	

Surrogate: 1-Chlorooctane	85.1 %	48-117	6080787	JF	10-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	77.3 %	39-120	6080787	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-30 (4.5')
H264582-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	464		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	119 %	70.7-129	6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080787	JF	10-Aug-26	8015B	

Surrogate: 1-Chlorooctane	81.5 %	48-117	6080787	JF	10-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	74.2 %	39-120	6080787	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-31 (4.5')
H264582-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			115 %	70.7-129		6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.9 %	48-117		6081008	JF	10-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			77.9 %	39-120		6081008	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-32 (4.5')
H264582-50 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	118 %	70.7-129	6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	

Surrogate: 1-Chlorooctane	78.5 %	48-117	6081008	JF	10-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	72.1 %	39-120	6081008	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-33 (8')
H264582-51 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	272		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	122 %	70.7-129	6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	

Surrogate: 1-Chlorooctane	73.3 %	48-117	6081008	JF	10-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	66.8 %	39-120	6081008	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-34 (8')
H264582-52 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %		70.7-129	6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			67.8 %		48-117	6081008	JF	10-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			62.4 %		39-120	6081008	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-35 (8')
H264582-53 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	118 %	70.7-129	6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	

Surrogate: 1-Chlorooctane	78.5 %	48-117	6081008	JF	10-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	72.0 %	39-120	6081008	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-36 (8')
H264582-54 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			120 %		70.7-129	6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			82.0 %		48-117	6081008	JF	10-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			75.8 %		39-120	6081008	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-37 (8')
H264582-55 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	119 %	70.7-129	6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	

Surrogate: 1-Chlorooctane	80.3 %	48-117	6081008	JF	10-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	74.7 %	39-120	6081008	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-38 (8')
H264582-56 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	368		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	114 %	70.7-129	6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	

Surrogate: 1-Chlorooctane	81.3 %	48-117	6081008	JF	10-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	75.2 %	39-120	6081008	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-39 (4')
H264582-57 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	116 %	70.7-129	6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	

Surrogate: 1-Chlorooctane	77.4 %	48-117	6081008	JF	10-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	71.2 %	39-120	6081008	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-40 (4')
H264582-58 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		120 %		70.7-129	6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>		83.9 %		48-117	6081008	JF	10-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		76.3 %		39-120	6081008	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-41 (4')
H264582-59 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	119 %	70.7-129	6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	

Surrogate: 1-Chlorooctane	84.0 %	48-117	6081008	JF	10-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	76.9 %	39-120	6081008	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-42 (4')
H264582-60 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	115 %	70.7-129	6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	71.9 %	48-117	6080789	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	66.9 %	39-120	6080789	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-43 (4')
H264582-61 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	120 %	70.7-129	6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	80.2 %	48-117	6080789	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	74.5 %	39-120	6080789	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-44 (4')
H264582-62 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			120 %		70.7-129	6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			77.3 %		48-117	6080789	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			71.9 %		39-120	6080789	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-45 (3')
H264582-63 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	288		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		115 %		70.7-129		6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane		77.1 %		48-117		6080789	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane		71.6 %		39-120		6080789	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-46 (3')
H264582-64 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	117 %	70.7-129	6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	79.7 %	48-117	6080789	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	74.1 %	39-120	6080789	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-47 (2')
H264582-65 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	416		16.0	mg/kg	4	6080788	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080763	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080763	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	117 %	70.7-129	6080763	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	74.1 %	48-117	6080789	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	68.6 %	39-120	6080789	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-48 (2')
H264582-66 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	6080790	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080764	JH	08-Aug-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.0 %		70.7-129	6080764	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			75.0 %		48-117	6080789	JF	08-Aug-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			70.1 %		39-120	6080789	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-49 (0.5')
H264582-67 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	352		16.0	mg/kg	4	6080790	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080764	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.3 %	70.7-129	6080764	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane	76.5 %	48-117	6080789	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane	71.2 %	39-120	6080789	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-50 (0.5')
H264582-68 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	6080790	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080764	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.7 %		70.7-129	6080764	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			71.9 %		48-117	6080789	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			65.9 %		39-120	6080789	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-51 (1')
H264582-69 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	304		16.0	mg/kg	4	6080790	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080764	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 70.7-129 6080764 JH 08-Aug-26 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane 82.7 % 48-117 6080789 JF 08-Aug-26 8015B

Surrogate: 1-Chlorooctadecane 76.9 % 39-120 6080789 JF 08-Aug-26 8015B

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-52 (1')
H264582-70 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	6080790	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080764	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 70.7-129 6080764 JH 08-Aug-26 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane 72.2 % 48-117 6080789 JF 08-Aug-26 8015B

Surrogate: 1-Chlorooctadecane 66.7 % 39-120 6080789 JF 08-Aug-26 8015B

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-53 (2.5')
H264582-71 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	6080790	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080764	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.4 %		70.7-129	6080764	JH	08-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	

Surrogate: 1-Chlorooctane			75.1 %		48-117	6080789	JF	08-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			70.1 %		39-120	6080789	JF	08-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-54 (1.5')
H264582-72 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	368		16.0	mg/kg	4	6080790	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080764	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.0 %	70.7-129	6080764	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	77.5 %	48-117	6080789	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	72.0 %	39-120	6080789	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-55 (3.5')
H264582-73 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	432		16.0	mg/kg	4	6080790	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080764	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	95.0 %	70.7-129	6080764	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	72.6 %	48-117	6080789	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	68.1 %	39-120	6080789	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-56 (5')
H264582-74 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	6080790	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		94.7 %		70.7-129	6080764	JH	08-Aug-26	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B	
Surrogate: 1-Chlorooctane		76.2 %		48-117	6080789	JF	08-Aug-26	8015B	
Surrogate: 1-Chlorooctadecane		71.5 %		39-120	6080789	JF	08-Aug-26	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-57 (1')
H264582-75 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	368		16.0	mg/kg	4	6080790	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080764	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.1 %	70.7-129	6080764	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	74.8 %	48-117	6080789	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	69.8 %	39-120	6080789	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

SW-58 (1.5')
H264582-76 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	544		16.0	mg/kg	4	6080790	SA	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6080764	JH	08-Aug-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6080764	JH	08-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.9 %	70.7-129	6080764	JH	08-Aug-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6080789	JF	08-Aug-26	8015B

Surrogate: 1-Chlorooctane	74.9 %	48-117	6080789	JF	08-Aug-26	8015B
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Surrogate: 1-Chlorooctadecane	68.6 %	39-120	6080789	JF	08-Aug-26	8015B
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6080779 - 1:4 DI Water**Blank (6080779-BLK1)**

Prepared & Analyzed: 10-Aug-26

Chloride	ND	16.0	mg/kg
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LCS (6080779-BS1)

Prepared & Analyzed: 10-Aug-26

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (6080779-BSD1)

Prepared & Analyzed: 10-Aug-26

Chloride	416	16.0	mg/kg	400	104	80-120	0.00	20
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Batch 6080783 - 1:4 DI Water**Blank (6080783-BLK1)**

Prepared: 07-Aug-26 Analyzed: 10-Aug-26

Chloride	ND	16.0	mg/kg
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LCS (6080783-BS1)

Prepared: 07-Aug-26 Analyzed: 10-Aug-26

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (6080783-BSD1)

Prepared: 07-Aug-26 Analyzed: 10-Aug-26

Chloride	448	16.0	mg/kg	400	112	80-120	7.41	20
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Batch 6080785 - 1:4 DI Water**Blank (6080785-BLK1)**

Prepared: 07-Aug-26 Analyzed: 10-Aug-26

Chloride	ND	16.0	mg/kg
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LCS (6080785-BS1)

Prepared: 07-Aug-26 Analyzed: 10-Aug-26

Chloride	432	16.0	mg/kg	400	108	80-120
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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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6080785 - 1:4 DI Water**LCS Dup (6080785-BSD1)**

Prepared: 07-Aug-26 Analyzed: 10-Aug-26

Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
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Batch 6080788 - 1:4 DI Water**Blank (6080788-BLK1)**

Prepared: 07-Aug-26 Analyzed: 10-Aug-26

Chloride	ND	16.0	mg/kg							
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LCS (6080788-BS1)

Prepared: 07-Aug-26 Analyzed: 10-Aug-26

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (6080788-BSD1)

Prepared: 07-Aug-26 Analyzed: 10-Aug-26

Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
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Batch 6080790 - 1:4 DI Water**Blank (6080790-BLK1)**

Prepared: 07-Aug-26 Analyzed: 10-Aug-26

Chloride	ND	16.0	mg/kg							
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LCS (6080790-BS1)

Prepared: 07-Aug-26 Analyzed: 10-Aug-26

Chloride	448	16.0	mg/kg	400		112	80-120			
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LCS Dup (6080790-BSD1)

Prepared: 07-Aug-26 Analyzed: 10-Aug-26

Chloride	416	16.0	mg/kg	400		104	80-120	7.41	20	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

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
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Batch 6080760 - Volatiles**Blank (6080760-BLK1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-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		92.1	70.7-129			

LCS (6080760-BS1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	1.97	0.050	mg/kg	2.00		98.4	93.2-121			
Toluene	1.84	0.050	mg/kg	2.00		92.0	88.7-117			
Ethylbenzene	1.98	0.050	mg/kg	2.00		98.8	81.4-123			
m,p-Xylene	3.94	0.100	mg/kg	4.00		98.5	76.3-126			
o-Xylene	1.95	0.050	mg/kg	2.00		97.4	76.2-125			
Total Xylenes	5.89	0.150	mg/kg	6.00		98.1	76.6-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0453		mg/kg	0.0500		90.6	70.7-129			

LCS Dup (6080760-BSD1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	1.94	0.050	mg/kg	2.00		96.8	93.2-121	1.72	7.62	
Toluene	1.81	0.050	mg/kg	2.00		90.3	88.7-117	1.91	9.57	
Ethylbenzene	1.93	0.050	mg/kg	2.00		96.4	81.4-123	2.49	11	
m,p-Xylene	3.84	0.100	mg/kg	4.00		96.0	76.3-126	2.55	11.2	
o-Xylene	1.89	0.050	mg/kg	2.00		94.7	76.2-125	2.85	11	
Total Xylenes	5.73	0.150	mg/kg	6.00		95.6	76.6-125	2.65	11.1	
Surrogate: 4-Bromofluorobenzene (PID)	0.0454		mg/kg	0.0500		90.7	70.7-129			

Batch 6080761 - Volatiles**Blank (6080761-BLK1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-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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Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

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
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Batch 6080761 - Volatiles**Blank (6080761-BLK1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		94.8	70.7-129			

LCS (6080761-BS1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	2.21	0.050	mg/kg	2.00		111	93.2-121			
Toluene	2.13	0.050	mg/kg	2.00		107	88.7-117			
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	81.4-123			
m,p-Xylene	3.94	0.100	mg/kg	4.00		98.4	76.3-126			
o-Xylene	1.95	0.050	mg/kg	2.00		97.4	76.2-125			
Total Xylenes	5.89	0.150	mg/kg	6.00		98.1	76.6-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0457		mg/kg	0.0500		91.4	70.7-129			

LCS Dup (6080761-BS1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	2.19	0.050	mg/kg	2.00		110	93.2-121	0.835	7.62	
Toluene	2.09	0.050	mg/kg	2.00		105	88.7-117	1.89	9.57	
Ethylbenzene	2.00	0.050	mg/kg	2.00		100	81.4-123	0.985	11	
m,p-Xylene	3.90	0.100	mg/kg	4.00		97.5	76.3-126	1.00	11.2	
o-Xylene	1.95	0.050	mg/kg	2.00		97.3	76.2-125	0.0862	11	
Total Xylenes	5.84	0.150	mg/kg	6.00		97.4	76.6-125	0.699	11.1	
Surrogate: 4-Bromofluorobenzene (PID)	0.0466		mg/kg	0.0500		93.2	70.7-129			

Batch 6080762 - Volatiles**Blank (6080762-BLK1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-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)	0.0500		mg/kg	0.0500		100	70.7-129			

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Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

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
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Batch 6080762 - Volatiles**LCS (6080762-BS1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	2.23	0.050	mg/kg	2.00		111	93.2-121			
Toluene	2.02	0.050	mg/kg	2.00		101	88.7-117			
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	81.4-123			
m,p-Xylene	4.19	0.100	mg/kg	4.00		105	76.3-126			
o-Xylene	2.15	0.050	mg/kg	2.00		107	76.2-125			
Total Xylenes	6.34	0.150	mg/kg	6.00		106	76.6-125			

Surrogate: 4-Bromofluorobenzene (PID)

0.0490

mg/kg

0.0500

98.0

70.7-129

LCS Dup (6080762-BSD1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	2.21	0.050	mg/kg	2.00		111	93.2-121	0.596	7.62	
Toluene	2.04	0.050	mg/kg	2.00		102	88.7-117	0.913	9.57	
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	81.4-123	0.792	11	
m,p-Xylene	4.19	0.100	mg/kg	4.00		105	76.3-126	0.0787	11.2	
o-Xylene	2.14	0.050	mg/kg	2.00		107	76.2-125	0.457	11	
Total Xylenes	6.33	0.150	mg/kg	6.00		105	76.6-125	0.207	11.1	

Surrogate: 4-Bromofluorobenzene (PID)

0.0496

mg/kg

0.0500

99.1

70.7-129

Batch 6080763 - Volatiles**Blank (6080763-BLK1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-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)

0.121

mg/kg

0.100

121

70.7-129

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Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

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
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Batch 6080763 - Volatiles**LCS (6080763-BS1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	2.08	0.050	mg/kg	2.00		104	93.2-121			
Toluene	2.14	0.050	mg/kg	2.00		107	88.7-117			
Ethylbenzene	2.21	0.050	mg/kg	2.00		110	81.4-123			
m,p-Xylene	4.64	0.100	mg/kg	4.00		116	76.3-126			
o-Xylene	2.31	0.050	mg/kg	2.00		116	76.2-125			
Total Xylenes	6.96	0.150	mg/kg	6.00		116	76.6-125			

Surrogate: 4-Bromofluorobenzene (PID)

0.111

mg/kg

0.100

111

70.7-129

LCS Dup (6080763-BSD1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	2.10	0.050	mg/kg	2.00		105	93.2-121	1.07	7.62	
Toluene	2.18	0.050	mg/kg	2.00		109	88.7-117	1.86	9.57	
Ethylbenzene	2.25	0.050	mg/kg	2.00		112	81.4-123	1.85	11	
m,p-Xylene	4.71	0.100	mg/kg	4.00		118	76.3-126	1.35	11.2	
o-Xylene	2.35	0.050	mg/kg	2.00		118	76.2-125	1.71	11	
Total Xylenes	7.06	0.150	mg/kg	6.00		118	76.6-125	1.47	11.1	

Surrogate: 4-Bromofluorobenzene (PID)

0.111

mg/kg

0.100

111

70.7-129

Batch 6080764 - Volatiles**Blank (6080764-BLK1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-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

96.5

70.7-129

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Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 6080764 - Volatiles**LCS (6080764-BS1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	2.04	0.050	mg/kg	2.00		102	93.2-121		
Toluene	1.92	0.050	mg/kg	2.00		96.0	88.7-117		
Ethylbenzene	1.97	0.050	mg/kg	2.00		98.6	81.4-123		
m,p-Xylene	3.81	0.100	mg/kg	4.00		95.3	76.3-126		
o-Xylene	1.90	0.050	mg/kg	2.00		95.1	76.2-125		
Total Xylenes	5.71	0.150	mg/kg	6.00		95.2	76.6-125		

Surrogate: 4-Bromofluorobenzene (PID)

0.0479

mg/kg

0.0500

95.7

70.7-129

LCS Dup (6080764-BSD1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

Benzene	2.01	0.050	mg/kg	2.00		100	93.2-121	1.35	7.62
Toluene	1.90	0.050	mg/kg	2.00		95.0	88.7-117	1.14	9.57
Ethylbenzene	1.95	0.050	mg/kg	2.00		97.6	81.4-123	1.01	11
m,p-Xylene	3.76	0.100	mg/kg	4.00		94.0	76.3-126	1.35	11.2
o-Xylene	1.87	0.050	mg/kg	2.00		93.7	76.2-125	1.43	11
Total Xylenes	5.64	0.150	mg/kg	6.00		93.9	76.6-125	1.38	11.1

Surrogate: 4-Bromofluorobenzene (PID)

0.0482

mg/kg

0.0500

96.4

70.7-129

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Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

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
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Batch 6080784 - General Prep - Organics**Blank (6080784-BLK1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-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	43.4		mg/kg	50.0		86.8	48-117			
Surrogate: 1-Chlorooctadecane	43.4		mg/kg	50.0		86.8	39-120			

LCS (6080784-BS1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	193	10.0	mg/kg	200		96.4	80.3-117			
DRO >C10-C28	194	10.0	mg/kg	200		96.8	73.6-125			
Total TPH C6-C28	386	10.0	mg/kg	400		96.6	78.1-120			
Surrogate: 1-Chlorooctane	46.3		mg/kg	50.0		92.6	48-117			
Surrogate: 1-Chlorooctadecane	47.9		mg/kg	50.0		95.7	39-120			

LCS Dup (6080784-BS1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	199	10.0	mg/kg	200		99.5	80.3-117	3.22	7.91	
DRO >C10-C28	198	10.0	mg/kg	200		99.0	73.6-125	2.26	9.09	
Total TPH C6-C28	397	10.0	mg/kg	400		99.2	78.1-120	2.74	8.12	
Surrogate: 1-Chlorooctane	44.3		mg/kg	50.0		88.5	48-117			
Surrogate: 1-Chlorooctadecane	45.3		mg/kg	50.0		90.6	39-120			

Batch 6080786 - General Prep - Organics**Blank (6080786-BLK1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-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	45.0		mg/kg	50.0		90.1	48-117			
Surrogate: 1-Chlorooctadecane	43.7		mg/kg	50.0		87.5	39-120			

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Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 6080786 - General Prep - Organics**LCS (6080786-BS1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	196	10.0	mg/kg	200		98.2	80.3-117		
DRO >C10-C28	191	10.0	mg/kg	200		95.3	73.6-125		
Total TPH C6-C28	387	10.0	mg/kg	400		96.8	78.1-120		
Surrogate: 1-Chlorooctane	48.8		mg/kg	50.0		97.6	48-117		
Surrogate: 1-Chlorooctadecane	47.8		mg/kg	50.0		95.6	39-120		

LCS Dup (6080786-BS1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	197	10.0	mg/kg	200		98.3	80.3-117	0.0687	7.91
DRO >C10-C28	190	10.0	mg/kg	200		95.2	73.6-125	0.156	9.09
Total TPH C6-C28	387	10.0	mg/kg	400		96.7	78.1-120	0.0421	8.12
Surrogate: 1-Chlorooctane	45.7		mg/kg	50.0		91.5	48-117		
Surrogate: 1-Chlorooctadecane	44.4		mg/kg	50.0		88.8	39-120		

Batch 6080787 - General Prep - Organics**Blank (6080787-BLK1)**

Prepared: 07-Aug-26 Analyzed: 10-Aug-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	39.5		mg/kg	50.0		79.0	48-117		
Surrogate: 1-Chlorooctadecane	37.0		mg/kg	50.0		73.9	39-120		

LCS (6080787-BS1)

Prepared: 07-Aug-26 Analyzed: 10-Aug-26

GRO C6-C10	187	10.0	mg/kg	200		93.4	80.3-117		
DRO >C10-C28	177	10.0	mg/kg	200		88.5	73.6-125		
Total TPH C6-C28	364	10.0	mg/kg	400		90.9	78.1-120		
Surrogate: 1-Chlorooctane	43.7		mg/kg	50.0		87.4	48-117		
Surrogate: 1-Chlorooctadecane	41.6		mg/kg	50.0		83.2	39-120		

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 6080787 - General Prep - Organics**LCS Dup (6080787-BSD1)**

Prepared: 07-Aug-26 Analyzed: 10-Aug-26

GRO C6-C10	192	10.0	mg/kg	200		95.9	80.3-117	2.68	7.91
DRO >C10-C28	185	10.0	mg/kg	200		92.5	73.6-125	4.48	9.09
Total TPH C6-C28	377	10.0	mg/kg	400		94.2	78.1-120	3.56	8.12
Surrogate: 1-Chlorooctane	40.7		mg/kg	50.0		81.5	48-117		
Surrogate: 1-Chlorooctadecane	38.8		mg/kg	50.0		77.6	39-120		

Batch 6080789 - General Prep - Organics**Blank (6080789-BLK1)**

Prepared: 07-Aug-26 Analyzed: 08-Aug-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	46.2		mg/kg	50.0		92.3	48-117		
Surrogate: 1-Chlorooctadecane	44.5		mg/kg	50.0		88.9	39-120		

LCS (6080789-BS1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	195	10.0	mg/kg	200		97.6	80.3-117		
DRO >C10-C28	190	10.0	mg/kg	200		94.8	73.6-125		
Total TPH C6-C28	385	10.0	mg/kg	400		96.2	78.1-120		
Surrogate: 1-Chlorooctane	49.3		mg/kg	50.0		98.6	48-117		
Surrogate: 1-Chlorooctadecane	47.9		mg/kg	50.0		95.9	39-120		

LCS Dup (6080789-BSD1)

Prepared: 07-Aug-26 Analyzed: 08-Aug-26

GRO C6-C10	199	10.0	mg/kg	200		99.3	80.3-117	1.71	7.91
DRO >C10-C28	194	10.0	mg/kg	200		97.1	73.6-125	2.38	9.09
Total TPH C6-C28	393	10.0	mg/kg	400		98.2	78.1-120	2.04	8.12
Surrogate: 1-Chlorooctane	47.1		mg/kg	50.0		94.2	48-117		
Surrogate: 1-Chlorooctadecane	46.0		mg/kg	50.0		92.0	39-120		

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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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
10-Aug-26 14:13

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
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Batch 6081008 - General Prep - Organics**Blank (6081008-BLK1)**

Prepared & Analyzed: 10-Aug-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	39.1		mg/kg	50.0		78.3	48-117			
Surrogate: 1-Chlorooctadecane	37.0		mg/kg	50.0		74.1	39-120			

LCS (6081008-BS1)

Prepared & Analyzed: 10-Aug-26

GRO C6-C10	187	10.0	mg/kg	200		93.7	80.3-117			
DRO >C10-C28	183	10.0	mg/kg	200		91.7	73.6-125			
Total TPH C6-C28	371	10.0	mg/kg	400		92.7	78.1-120			
Surrogate: 1-Chlorooctane	42.7		mg/kg	50.0		85.4	48-117			
Surrogate: 1-Chlorooctadecane	41.9		mg/kg	50.0		83.8	39-120			

LCS Dup (6081008-BSD1)

Prepared & Analyzed: 10-Aug-26

GRO C6-C10	191	10.0	mg/kg	200		95.5	80.3-117	1.95	7.91	
DRO >C10-C28	184	10.0	mg/kg	200		91.9	73.6-125	0.195	9.09	
Total TPH C6-C28	375	10.0	mg/kg	400		93.7	78.1-120	1.09	8.12	
Surrogate: 1-Chlorooctane	40.3		mg/kg	50.0		80.6	48-117			
Surrogate: 1-Chlorooctadecane	37.6		mg/kg	50.0		75.2	39-120			

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Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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

Chain of Custody

Work Order No: 1644582

Page 10 of 17

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	
Project Number:	2687	Due Date:	24 HR		
Project Location:	Eddy County, New Mexico				
Sampler's Name:	JM & JR				
PO #:					
SAMPLE RECEIPT					
Received Intact:	Temp Blank:	Yes ☒ No ☐	Thermometer ID:	Wet Ice:	Yes ☒ No ☐
Cooler Custody Seals:	Yes ☒ No ☐ N/A	Correction Factor:			
Sample Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading:			
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/	# of	TPH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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Comments: Email to Mike Carmona / Mccarmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>By Hadlie</i>	8/12/26 1422	<i>Spec Rep</i>	

Chain of Custody

Work Order No: 1804582

Page 11 of 17

Project Manager:		Conner Moehring		Bill to: (if different)		Hadlie Stout													
Company Name:		Carmona Resources		Company Name:		EOG Resources													
Address:		310 W Wall St Ste 500		Address:		5509 Champions Dr													
City, State ZIP:		Midland, TX 79701		City, State ZIP:		Midland, TX 79706													
Phone:		(432) 813-6823		Email:		Hadlie.Stout@eogresources.com													
Project Name:		Deep Elm Spill (03.26.25)		Turn Around		ANALYSIS REQUEST													
Project Number:		2687		☐ Routine ☒ Rush		Pres. Code													
Project Location:		Eddy County, New Mexico		Due Date:		24 HR													
Sampler's Name:		JM & JR																	
PO #:																			
SAMPLE RECEIPT		Temp Blank:		Yes (No)		Well Ice:		Yes (No)											
Received Intact:		Yes (No)		Thermometer ID:															
Cooler Custody Seals:		Yes (No) N/A		Correction Factor:															
Sample Custody Seals:		Yes (No) N/A		Temperature Reading:															
Total Containers:				Corrected Temperature:															
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont		Parameters					
CS-210 (2)		8/6/2026		3:10 PM		X				Comp		1		BTX 8021B					
CS-211 (2)		8/6/2026		3:12 PM		X				Comp		1		TPH 8015M (GRO + DRO + MRO)					
CS-212 (2)		8/6/2026		3:16 PM		X				Comp		1		Chloride 4500					
CS-213 (2)		8/6/2026		3:20 PM		X				Comp		1							
CS-214 (2)		8/6/2026		3:24 PM		X				Comp		1							
CS-215 (2)		8/6/2026		3:28 PM		X				Comp		1							
CS-216 (2)		8/6/2026		3:32 PM		X				Comp		1							
CS-217 (2)		8/6/2026		3:36 PM		X				Comp		1							
CS-218 (2)		8/6/2026		3:40 PM		X				Comp		1							
CS-219 (2)		8/6/2026		3:44 PM		X				Comp		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													
<u>cs Stout</u>		<u>8/7/2026 1432</u>		<u>Hadlie Stout</u>		<u>8/7/2026 1432</u>													

Chain of Custody

Work Order No: HA04582

Page 12 of 17

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Pertund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	2687	Due Date:	24 HR													None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico															Cool: Cool	MeOH: Me
Sampler's Name:	JM & JR															HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐												H ₃ PO ₄ : HP	
Received In tact:	Yes ☒ No ☐	Thermometer ID:														NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐ N/A	Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading:														Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>ag stubbs</i>	8/12/26 14:22	<i>Hadlie Stout</i>	

Chain of Custody

Work Order No: 1804582

Page 13 of 17

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

Program: UST/PST ☐ PRP ☐ Rowfields ☐ RC ☐ Pertund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2687																None: NO	DI Water: H ₂ O	
Project Location:	Eddy County, New Mexico	Due Date:	24 HR														Cool: Cool	MeOH: Me	
Sampler's Name:	JM & JR																HCL: HC	HNO ₃ : HN	
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No	Parameters												H ₃ PO ₄ : HP
Received Intact:	Yes	No	Thermometer ID:													NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes	No	Correction Factor:													Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:	Yes	No	Temperature Reading:													Zn Acetate+NaOH: Zn			
Total Containers:			Corrected Temperature:													NaOH+Ascorbic Acid: SACP			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST												Sample Comments
CS-230 (1.5')	8/6/2026	4:22 PM	X		Comp	1	X	X	X										
CS-231 (1.5')	8/6/2026	4:24 PM	X		Comp	1	X	X	X										
CS-232 (1.5')	8/6/2026	4:28 PM	X		Comp	1	X	X	X										
CS-233 (1.5')	8/6/2026	4:32 PM	X		Comp	1	X	X	X										
CS-234 (1.5')	8/6/2026	4:36 PM	X		Comp	1	X	X	X										
CS-235 (1.5')	8/6/2026	4:40 PM	X		Comp	1	X	X	X										
CS-236 (1.5')	8/6/2026	4:44 PM	X		Comp	1	X	X	X										
CS-237 (1.5')	8/6/2026	4:48 PM	X		Comp	1	X	X	X										
CS-238 (1.5')	8/6/2026	4:52 PM	X		Comp	1	X	X	X										
CS-239 (1.5')	8/6/2026	4:56 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
<i>Cy Futury</i>	8/18/26 (432)	<i>Hadlie Stout</i>	

Chain of Custody

Work Order No: H464582

Page 14 of 17

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2687	☐ Routine	☒ Rush														None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico	Due Date:	24 HR														Cool: Cool	MeOH: Me
Sampler's Name:	JM & JR																HCL: HC	HNO ₃ : HN
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na

SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No	Parameters												Preservative Codes	
Received Intact:	Yes No	Thermometer ID:				BTX 8021B												None: NO	
Cooler Custody Seals:	Yes No	Correction Factor:				TPH 8015M (GRO + DRO + MRO)												Cool: Cool	
Sample Custody Seals:	Yes No	Temperature Reading:				Chloride 4500												H ₂ SO ₄ : H ₂	
Total Containers:		Corrected Temperature:																H ₃ PO ₄ : HP	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<u>cy Juhua</u>	<u>8/12/26 1432</u>	<u>Hadlie Stout</u>	

Chain of Custody

Work Order No: 14044582

Page 15 of 17

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

Project Name:		Deep Elem Spill (03.26.25)	
Project Number:	2687	☐ Routine ☒ Rush	
Project Location:	Eddy County, New Mexico	Due Date:	24 HR
Sampler's Name:	JM & JR		
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:	10.1		
Sample Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading:	4.9		
Total Containers:		Corrected Temperature:	9.0		

Project Name:		Deep ELEM Spill (03.26.25)			Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes					
Project Number:		2687			☐ Routine ☒ Rush															None: NO	DI Water: H2O				
Project Location:		Eddy County, New Mexico			Due Date:		24 HR													Cool: Cool	MeOH: Me				
Sampler's Name:		JM & JR																		HCL: HCl	HNO3: HN				
PO #:																				H2SO4: H2	NaOH: Na				
SAMPLE RECEIPT		Temp Blank:		Yes	No	Thermometer ID:	Wet Ice:	Yes	No	Parameters												H3PO4: HP			
Received Intact:		Yes		No	Correction Factor:				BTEX 8021B												NaHSO4: NABIS				
Cooler Custody Seals:		Yes		No	N/A	Temperature Reading:		TPH 8015M (GRO + DRO + MRO)												Na2S2O3: NaSO3					
Sample Custody Seals:		Yes		No	N/A	Corrected Temperature:		Chloride 4500												Zn Acetate+NaOH: Zn					
Total Containers:																				NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont		Sample Comments											
SW-33 (8')		8/6/2026		9:40 AM		X				Comp		1		51											
SW-34 (8')		8/6/2026		9:42 AM		X				Comp		1		52											
SW-35 (8')		8/6/2026		9:46 AM		X				Comp		1		53											
SW-36 (8')		8/6/2026		9:50 AM		X				Comp		1		54											
SW-37 (8')		8/6/2026		9:54 AM		X				Comp		1		55											
SW-38 (8')		8/6/2026		9:58 AM		X				Comp		1		56											
SW-39 (4')		8/6/2026		10:02 AM		X				Comp		1		57											
SW-40 (4')		8/6/2026		10:06 AM		X				Comp		1		58											
SW-41 (4')		8/6/2026		10:10 AM		X				Comp		1		59											
SW-42 (4')		8/6/2026		10:14 AM		X				Comp		1		60											

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

Relinquished by: (Signature)		Date/Time	Received by: (Signature)	Date/Time
<u>uj Pulido</u>		8/18/2026	<u>Speciaquiver</u>	

Chain of Custody

Work Order No: 14945572

Page 16 of 17

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	2687																None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico	Due Date:	24 HR														Cool: Cool	MeOH: Me
Sampler's Name:	JM & JR																HCL: HCL	HNO ₃ : HN
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No	Parameters										H ₃ PO ₄ : HP	
Received In tact:	Yes	No	Thermometer ID:				BTX 8021B										NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes	No	Correction Factor:				TPH 8015M (GRO + DRO + MRO)										Na ₂ S ₂ O ₅ : NaSO ₃	
Sample Custody Seals:	Yes	No	Temperature Reading:				Chloride 4500										Zn Acetate+NaOH: Zn	
Total Containers:	Yes	No	Corrected Temperature:														NaOH+Ascorbic Acid: SACP	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments
SW-43 (4')	8/6/2026	10:20 AM	X		Comp	1	X	X	X								43
SW-44 (4')	8/6/2026	10:22 AM	X		Comp	1	X	X	X								44
SW-45 (3')	8/6/2026	10:26 AM	X		Comp	1	X	X	X								45
SW-46 (3')	8/6/2026	10:30 AM	X		Comp	1	X	X	X								46
SW-47 (2')	8/6/2026	10:34 AM	X		Comp	1	X	X	X								47
SW-48 (2')	8/6/2026	10:38 AM	X		Comp	1	X	X	X								48
SW-49 (0.5')	8/6/2026	10:42 AM	X		Comp	1	X	X	X								49
SW-50 (0.5')	8/6/2026	10:46 AM	X		Comp	1	X	X	X								50
SW-51 (1')	8/6/2026	10:50 AM	X		Comp	1	X	X	X								51
SW-52 (1')	8/6/2026	10:54 AM	X		Comp	1	X	X	X								52

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>cy Miller</i>	8/16/26 1432	<i>Hadlie Stout</i>	

Chain of Custody

Work Order No: HA04582

Page 17 of 17

Project Manager:	Conner Moehring	Bill to: (if different)	Hadlie Stout
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Hadlie.Stout@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2687																None: NO	DI Water: H ₂ O	
Project Location:	Eddy County, New Mexico	Due Date:	24 HR														Cool: Cool	MeOH: Me	
Sampler's Name:	JM & JR																HCL: HC	HNO ₃ : HN	
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Well Ice:	Yes ☒ No ☐													H ₃ PO ₄ : HP		
Received Intact:	Yes ☒ No ☐	Thermometer ID:															NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes ☒ No ☐ N/A	Correction Factor:															Na ₂ S ₂ O ₅ : NaSO ₃		
Sample Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading:															Zn Acetate+NaOH: Zn		
Total Containers:		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
SW-53 (2.5')	8/6/2026	11:00 AM	X		Comp	1	X	X	X									71	
SW-54 (1.5')	8/6/2026	11:02 AM	X		Comp	1	X	X	X									72	
SW-55 (3.5')	8/6/2026	11:06 AM	X		Comp	1	X	X	X									73	
SW-56 (5')	8/6/2026	11:10 AM	X		Comp	1	X	X	X									74	
SW-57 (1')	8/6/2026	11:14 AM	X		Comp	1	X	X	X									75	
SW-58 (1.5')	8/6/2026	12:00 PM	X		Comp	1	X	X	X									76	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<u>af stubbs</u>	<u>8/7/26 11:22</u>	<u>Hadlie Stout</u>	

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 11, 2026

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: DEEP ELEM SPILL (03.26.25)

Enclosed are the results of analyses for samples received by the laboratory on 08/10/26 8:32.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited 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

Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
11-Aug-26 08:28

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS-184 (4.5')	H264592-01	Soil	06-Aug-26 13:36	10-Aug-26 08:32
CS-189 (2')	H264592-02	Soil	06-Aug-26 13:56	10-Aug-26 08:32
CS-193 (2')	H264592-03	Soil	06-Aug-26 14:08	10-Aug-26 08:32
CS-198 (2')	H264592-04	Soil	06-Aug-26 14:28	10-Aug-26 08:32

CASE NARRATIVE:

No labels with lot numbers on sample containers for traceability.

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A handwritten signature in cursive script, appearing to read "Celey D. Keene", written in black ink.

Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
11-Aug-26 08:28

CS-184 (4.5')
H264592-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6081014	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080805	JH	10-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080805	JH	10-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080805	JH	10-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080805	JH	10-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080805	JH	10-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 70.7-129 6080805 JH 10-Aug-26 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	

Surrogate: 1-Chlorooctane 79.9 % 48-117 6081008 JF 10-Aug-26 8015B

Surrogate: 1-Chlorooctadecane 73.8 % 39-120 6081008 JF 10-Aug-26 8015B

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
11-Aug-26 08:28

CS-189 (2')
H264592-02 (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	6081014	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080805	JH	10-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080805	JH	10-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080805	JH	10-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080805	JH	10-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080805	JH	10-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 70.7-129 6080805 JH 10-Aug-26 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	

Surrogate: 1-Chlorooctane 80.0 % 48-117 6081008 JF 10-Aug-26 8015B

Surrogate: 1-Chlorooctadecane 73.2 % 39-120 6081008 JF 10-Aug-26 8015B

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
11-Aug-26 08:28

CS-193 (2')
H264592-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6081014	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080805	JH	10-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080805	JH	10-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080805	JH	10-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080805	JH	10-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080805	JH	10-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.4 %		70.7-129	6080805	JH	10-Aug-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	

Surrogate: 1-Chlorooctane			80.2 %		48-117	6081008	JF	10-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			73.3 %		39-120	6081008	JF	10-Aug-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
11-Aug-26 08:28

CS-198 (2')
H264592-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6081014	KH	10-Aug-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6080805	JH	10-Aug-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6080805	JH	10-Aug-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6080805	JH	10-Aug-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6080805	JH	10-Aug-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6080805	JH	10-Aug-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.3 %	70.7-129		6080805	JH	10-Aug-26	8021B	
---------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6081008	JF	10-Aug-26	8015B	

Surrogate: 1-Chlorooctane			80.6 %	48-117		6081008	JF	10-Aug-26	8015B	
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Surrogate: 1-Chlorooctadecane			73.9 %	39-120		6081008	JF	10-Aug-26	8015B	
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
11-Aug-26 08:28

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6081014 - 1:4 DI Water										
Blank (6081014-BLK1)										
Chloride	ND	16.0	mg/kg							Prepared & Analyzed: 10-Aug-26
LCS (6081014-BS1)										
Chloride	448	16.0	mg/kg	400		112	80-120			Prepared & Analyzed: 10-Aug-26
LCS Dup (6081014-BSD1)										
Chloride	432	16.0	mg/kg	400		108	80-120	3.64	20	Prepared & Analyzed: 10-Aug-26

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
11-Aug-26 08:28

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
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Batch 6080805 - Volatiles**Blank (6080805-BLK1)**

Prepared: 08-Aug-26 Analyzed: 10-Aug-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		95.9	70.7-129			

LCS (6080805-BS1)

Prepared: 08-Aug-26 Analyzed: 10-Aug-26

Benzene	2.20	0.050	mg/kg	2.00		110	93.2-121			
Toluene	2.11	0.050	mg/kg	2.00		105	88.7-117			
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	81.4-123			
m,p-Xylene	3.91	0.100	mg/kg	4.00		97.7	76.3-126			
o-Xylene	1.95	0.050	mg/kg	2.00		97.6	76.2-125			
Total Xylenes	5.86	0.150	mg/kg	6.00		97.6	76.6-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0475		mg/kg	0.0500		95.0	70.7-129			

LCS Dup (6080805-BS1)

Prepared: 08-Aug-26 Analyzed: 10-Aug-26

Benzene	2.19	0.050	mg/kg	2.00		110	93.2-121	0.510	7.62	
Toluene	2.09	0.050	mg/kg	2.00		105	88.7-117	0.618	9.57	
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.4	81.4-123	1.55	11	
m,p-Xylene	3.85	0.100	mg/kg	4.00		96.3	76.3-126	1.45	11.2	
o-Xylene	1.91	0.050	mg/kg	2.00		95.5	76.2-125	2.13	11	
Total Xylenes	5.76	0.150	mg/kg	6.00		96.0	76.6-125	1.68	11.1	
Surrogate: 4-Bromofluorobenzene (PID)	0.0462		mg/kg	0.0500		92.3	70.7-129			

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Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: DEEP ELEM SPILL (03.26.25)
Project Number: 2687
Project Manager: CONNER MOEHRING
Fax To:

Reported:
11-Aug-26 08:28

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
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Batch 6081008 - General Prep - Organics**Blank (6081008-BLK1)**

Prepared & Analyzed: 10-Aug-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	39.1		mg/kg	50.0		78.3	48-117			
Surrogate: 1-Chlorooctadecane	37.0		mg/kg	50.0		74.1	39-120			

LCS (6081008-BS1)

Prepared & Analyzed: 10-Aug-26

GRO C6-C10	187	10.0	mg/kg	200		93.7	80.3-117			
DRO >C10-C28	183	10.0	mg/kg	200		91.7	73.6-125			
Total TPH C6-C28	371	10.0	mg/kg	400		92.7	78.1-120			
Surrogate: 1-Chlorooctane	42.7		mg/kg	50.0		85.4	48-117			
Surrogate: 1-Chlorooctadecane	41.9		mg/kg	50.0		83.8	39-120			

LCS Dup (6081008-BS1)

Prepared & Analyzed: 10-Aug-26

GRO C6-C10	191	10.0	mg/kg	200		95.5	80.3-117	1.95	7.91	
DRO >C10-C28	184	10.0	mg/kg	200		91.9	73.6-125	0.195	9.09	
Total TPH C6-C28	375	10.0	mg/kg	400		93.7	78.1-120	1.09	8.12	
Surrogate: 1-Chlorooctane	40.3		mg/kg	50.0		80.6	48-117			
Surrogate: 1-Chlorooctadecane	37.6		mg/kg	50.0		75.2	39-120			

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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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Work Order No: 41804592

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

[illegible]

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 21, 2026

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: DEEP ELEM RISER (10.24.25)

Enclosed are the results of analyses for samples received by the laboratory on 04/20/26 8:50.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited 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

Lab Director/Quality Manager



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: DEEP ELEM RISER (10.24.25)
Project Number: 3049
Project Manager: CONNER MOEHRING
Fax To:

Reported:
21-Apr-26 09:18

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BACKFILL	H262247-01	Soil	16-Apr-26 08:00	20-Apr-26 08:50

CASE NARRATIVE:

No labels with lot numbers on sample containers for traceability.

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

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: DEEP ELEM RISER (10.24.25)
Project Number: 3049
Project Manager: CONNER MOEHRING
Fax To:

Reported:
21-Apr-26 09:18

BACKFILL
H262247-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	6042041	AC	20-Apr-26	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Toluene*	<0.050	0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	6042031	JH	20-Apr-26	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	6042031	JH	20-Apr-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	107 %	70.4-141	6042031	JH	20-Apr-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6042049	MS	20-Apr-26	8015B

Surrogate: 1-Chlorooctane	81.0 %	52.4-130	6042049	MS	20-Apr-26	8015B
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Surrogate: 1-Chlorooctadecane	76.6 %	39.9-141	6042049	MS	20-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: DEEP ELEM RISER (10.24.25)
Project Number: 3049
Project Manager: CONNER MOEHRING
Fax To:

Reported:
21-Apr-26 09:18

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 6042041 - 1:4 DI Water									
Blank (6042041-BLK1)				Prepared & Analyzed: 20-Apr-26					
Chloride	ND	16.0	mg/kg						
LCS (6042041-BS1)				Prepared & Analyzed: 20-Apr-26					
Chloride	432	16.0	mg/kg	400		108	80-120		
LCS Dup (6042041-BSD1)				Prepared & Analyzed: 20-Apr-26					
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20

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Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: DEEP ELEM RISER (10.24.25)
Project Number: 3049
Project Manager: CONNER MOEHRING
Fax To:

Reported:
21-Apr-26 09:18

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 6042031 - Volatiles**Blank (6042031-BLK1)**

Prepared & Analyzed: 20-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)	0.112		mg/kg	0.100		112	70.4-141			

LCS (6042031-BS1)

Prepared & Analyzed: 20-Apr-26

Benzene	2.13	0.050	mg/kg	2.00		106	71-111			
Toluene	2.15	0.050	mg/kg	2.00		107	75-116			
Ethylbenzene	2.28	0.050	mg/kg	2.00		114	74.2-119			
m,p-Xylene	4.51	0.100	mg/kg	4.00		113	72.5-123			
o-Xylene	2.43	0.050	mg/kg	2.00		121	70.5-124			
Total Xylenes	6.94	0.150	mg/kg	6.00		116	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.118		mg/kg	0.100		118	70.4-141			

LCS Dup (6042031-BSD1)

Prepared & Analyzed: 20-Apr-26

Benzene	2.17	0.050	mg/kg	2.00		108	71-111	2.06	17.6	
Toluene	2.24	0.050	mg/kg	2.00		112	75-116	4.34	14.8	
Ethylbenzene	2.40	0.050	mg/kg	2.00		120	74.2-119	4.97	14.2	BS-3
m,p-Xylene	4.76	0.100	mg/kg	4.00		119	72.5-123	5.31	13.6	
o-Xylene	2.55	0.050	mg/kg	2.00		128	70.5-124	4.95	13.7	BS-3
Total Xylenes	7.31	0.150	mg/kg	6.00		122	72.2-123	5.19	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.119		mg/kg	0.100		119	70.4-141			

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Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: DEEP ELEM RISER (10.24.25)
Project Number: 3049
Project Manager: CONNER MOEHRING
Fax To:

Reported:
21-Apr-26 09:18

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
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Batch 6042049 - General Prep - Organics**Blank (6042049-BLK1)**

Prepared & Analyzed: 20-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	44.0		mg/kg	50.0		88.1	52.4-130			
Surrogate: 1-Chlorooctadecane	42.9		mg/kg	50.0		85.8	39.9-141			

LCS (6042049-BS1)

Prepared & Analyzed: 20-Apr-26

GRO C6-C10	206	10.0	mg/kg	200		103	78.7-123			
DRO >C10-C28	212	10.0	mg/kg	200		106	74.8-123			
Total TPH C6-C28	418	10.0	mg/kg	400		104	78.6-121			
Surrogate: 1-Chlorooctane	50.0		mg/kg	50.0		99.9	52.4-130			
Surrogate: 1-Chlorooctadecane	51.4		mg/kg	50.0		103	39.9-141			

LCS Dup (6042049-BSD1)

Prepared & Analyzed: 20-Apr-26

GRO C6-C10	215	10.0	mg/kg	200		107	78.7-123	4.34	11.3	
DRO >C10-C28	222	10.0	mg/kg	200		111	74.8-123	4.70	10.9	
Total TPH C6-C28	437	10.0	mg/kg	400		109	78.6-121	4.53	10.5	
Surrogate: 1-Chlorooctane	50.5		mg/kg	50.0		101	52.4-130			
Surrogate: 1-Chlorooctadecane	51.8		mg/kg	50.0		104	39.9-141			

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Work Order No.

4262248

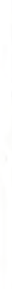
Page 1 of 1

Work Order Comments									
Program:	UST/PST	☐ PRP	☐ Brownfields	☐ JRC	☐ Inertland	☐	☐	☐	☐
State of Project:									
Reporting Level II	☐	Level III	☐	ST/UST	☐	PRP	☐	Level IV	☐
Deliverables:	EDD	☐	Adapt	☐	Other:				

[illegible]

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

No Labels

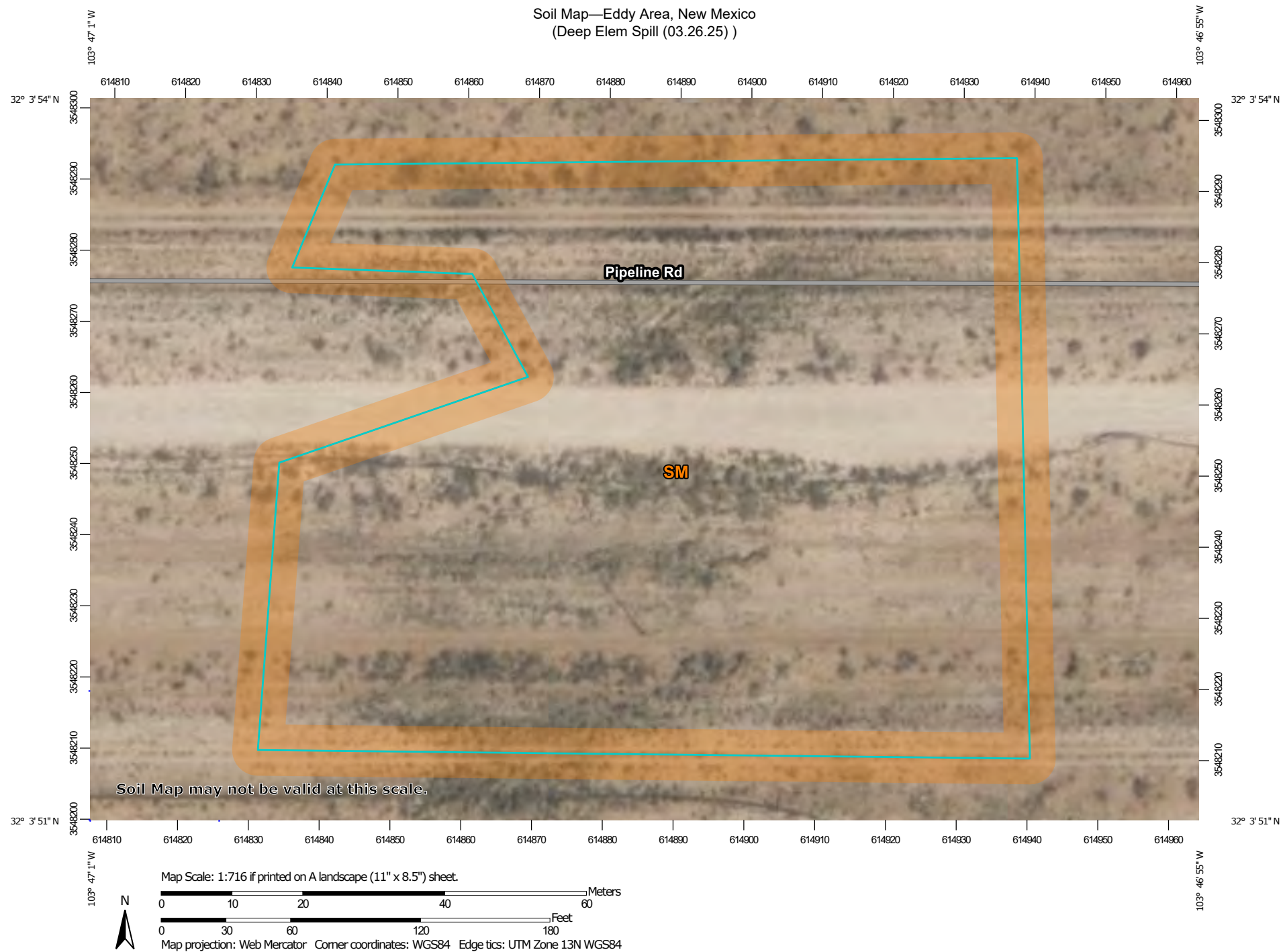
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4-20-26 0850		

APPENDIX F

CARMONA RESOURCES



Soil Map—Eddy Area, New Mexico
(Deep Elem Spill (03.26.25))



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

8/12/2025
Page 1 of 3

Soil Map—Eddy Area, New Mexico
(Deep Elem Spill (03.26.25))

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 20, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
SM	Simona-Bippus complex, 0 to 5 percent slopes	2.0	100.0%
Totals for Area of Interest		2.0	100.0%

Map Unit Description: Simona-Bippus complex, 0 to 5 percent slopes---Eddy Area, New Mexico

Deep Elem Spill (03.26.25)

Eddy Area, New Mexico

SM—Simona-Bippus complex, 0 to 5 percent slopes

Map Unit Setting

National map unit symbol: 1w5x

Elevation: 1,800 to 5,000 feet

Mean annual precipitation: 8 to 24 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 55 percent

Bippus and similar soils: 30 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: gravelly fine sandy loam

H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Drainage class: Well drained

Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: D

Map Unit Description: Simona-Bippus complex, 0 to 5 percent slopes---Eddy Area, New Mexico

Deep Elem Spill (03.26.25)

Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Description of Bippus

Setting

Landform: Flood plains, alluvial fans
Landform position (three-dimensional): Talf, rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium

Typical profile

H1 - 0 to 37 inches: silty clay loam
H2 - 37 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 5 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: Occasional
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Ecological site: R070BC017NM - Bottomland
Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 8 percent
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Bippus

Percent of map unit: 7 percent
Ecological site: R070BC017NM - Bottomland

Map Unit Description: Simona-Bippus complex, 0 to 5 percent slopes---Eddy Area, New Mexico

Deep Elem Spill (03.26.25)

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 20, Sep 3, 2024

(28)

BLM SERIAL #:

COMPANY REFERENCE:

3.3 Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Sand dropseed (<i>Sporobolus cryptandrus</i>)	1.0
Sand love grass (<i>Eragrostis trichodes</i>)	1.0
Plains bristlegrass (<i>Setaria macrostachya</i>)	2.0

*Pounds of pure live seed: Pounds of seed x percent purity x percent germination = pounds pure live seed

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 621192

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 621192
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2509855019
Incident Name	NAPP2509855019 DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2 @ C-09-26S-31E
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2
Date Release Discovered	03/26/2025
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error Pipeline (Any) Produced Water Released: 786 BBL Recovered: 320 BBL Lost: 466 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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Action 621192

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
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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: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 09/03/2026
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Action 621192

QUESTIONS (continued)

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	Action Number: 621192
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 500 and 1000 (ft.)
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 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	3600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	180.6
GRO+DRO (EPA SW-846 Method 8015M)	146
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	07/08/2026
On what date will (or did) the final sampling or liner inspection occur	08/22/2026
On what date will (or was) the remediation complete(d)	10/06/2026
What is the estimated surface area (in square feet) that will be reclaimed	61824
What is the estimated volume (in cubic yards) that will be reclaimed	9620
What is the estimated surface area (in square feet) that will be remediated	61824
What is the estimated volume (in cubic yards) that will be remediated	9620
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Action 621192

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 621192
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112340644 R360 ARTESIA LLC LANDFARM
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	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 09/03/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Action 621192

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 621192
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Action 621192

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
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	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	611931
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/12/2026
What was the (estimated) number of samples that were to be gathered	50
What was the sampling surface area in square feet	72470

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	70847
What was the total volume (cubic yards) remediated	8575
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	64793
What was the total volume (in cubic yards) reclaimed	8213
Summarize any additional remediation activities not included by answers (above)	Excavation of impacted soil

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: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 09/03/2026
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Action 621192

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 621192
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	64793
What was the total volume of replacement material (in cubic yards) for this site	8213
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	08/24/2026
Summarize any additional reclamation activities not included by answers (above)	backfill with nonwaste containing soil and reseed
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 09/03/2026

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Action 621192

QUESTIONS (continued)

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	Action Number: 621192
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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

CONDITIONS

Action 621192

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 621192
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	9/3/2026