



SITE INFORMATION

Closure Report
Keohane Federal Com 1 (03.16.2026)
Incident ID: nAPP2607571574
Eddy County, New Mexico
Unit H, Sec 33, T18S, R31E
32.70558, -103.86828

Crude Oil Release
Point of Release: The Gauge on the Production Casing Failed
Release Date: 03.16.2026
Volume Released: 56 Barrels of Crude Oil
Volume Recovered: 25 Barrels of Crude Oil

CARMONA RESOURCES



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

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

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



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April 30, 2026

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

Re: **Closure Report**
Keohane Federal Com 1 (03.16.2026)
Incident ID: nAPP2607571574
Coterra Energy Operating Co.
Site Location: Unit H, S33, T18S, R31E
32.70558, -103.86828
Eddy County, New Mexico

Mr. Bratcher,

At the request of Coterra Energy Operating Co. (Coterra) Carmona Resources LLC, has prepared this letter to document the site remediation conducted at the Keohane Federal Com 1, located at 32.70558, -103.86828 within Unit H, S33, T18S, R31E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on March 16, 2026, due to the gauge on the production casing failing, allowing crude oil to be sprayed onto the well pad. The incident resulted in the release of approximately fifty-six (56) barrels of crude oil, with twenty-five (25) barrels recovered. The release area is approximately 9,870 square feet. The release oversprayed onto the well pad. The spill boundaries are shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest water well is located approximately 1.27 miles Southeast of the site in S35, T18S, 31E, and was last gauged in 1994. The well has a report depth to groundwater of 260.67 feet below ground surface (ft bgs). A copy of the 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 and remediating the site.

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



4.0 Remediation Activities

On April 8, 2026, and April 20, 2026, Carmona Resources personnel were onsite to collect confirmation samples after Coterra contractors conducted a surface scrape of the release area. Prior to the collection of composite confirmation samples, the NMOCD division office was notified via the NMOCD portal on April 2, 2026, and April 16, 2026, in accordance with Subsection D of 19.15.29.12 NMAC (see Appendix C). The surface scrape was advanced to a depth of approximately 0.5 to 0.75 ft bgs. A total of fifty-five (55) confirmation floor samples (CS-1 through CS-55) were collected every 200 square feet to ensure the proper removal of the contaminated soils. Additionally, a total of seven (7) horizontal samples (H-1 through H-7) were collected for horizontal delineation. Composite confirmation sidewall samples were not collected as the excavation depth did not exceed 1.0 ft bgs. Soil samples were collected for chemical analysis and placed into laboratory-provided containers, stored on ice, and transported under proper chain-of-custody procedures to Eurofins Laboratories in Midland, Texas. Samples were analyzed for total petroleum hydrocarbons (TPH) by EPA Method 8015 Modified, benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chlorides by EPA Method 300. Copies of laboratory analytical reports and chain-of-custody documentation are included in Appendix E.

All final confirmation sample results were below regulatory requirements for TPH, BTEX, and Chlorides. Refer to Table 1 in Appendix A. Excavation depths and confirmation sample locations are presented in Figure 3.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 9,870 square feet of contamination was remediated, resulting in 211 cubic yards of material excavated and transported offsite for proper disposal. Due to the shallow nature of the excavation, the location was not backfilled. Production managers onsite determined that the caliche thickness remaining on the well pad is sufficient and will not pose a safety or stability risk for oil and gas operations. Once the well on site has been plugged and abandoned, the entire well pad will be reclaimed per NMAC 19.15.29.13. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

5.0 Conclusion

Based on the assessment and analytical data from the remediation, no further actions are required at the site. Coterra formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Sincerely,

Carmona Resources, LLC

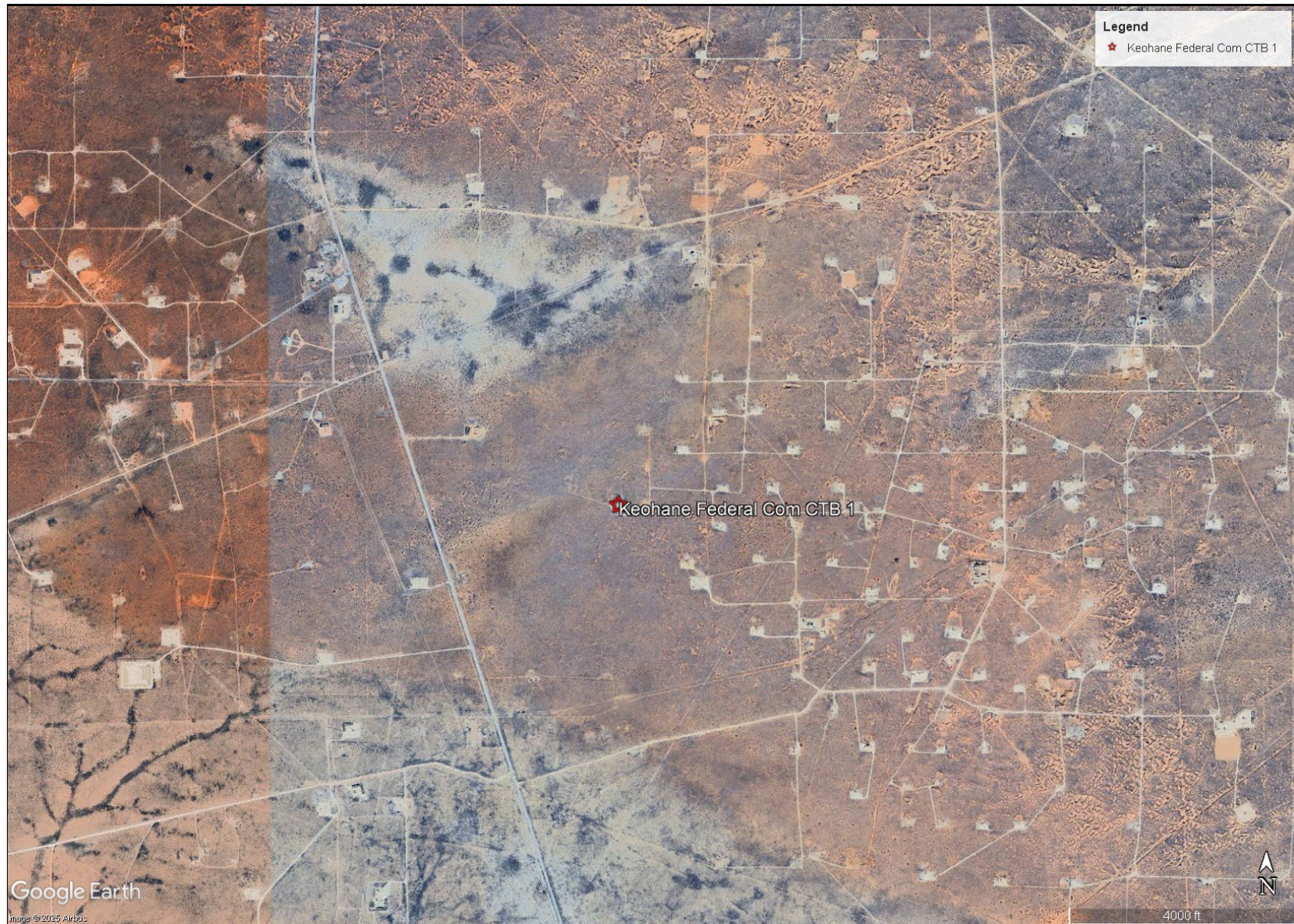
Ashton Thielke
Director of Operations

Riley Plogger
Project Manager

FIGURES

CARMONA RESOURCES

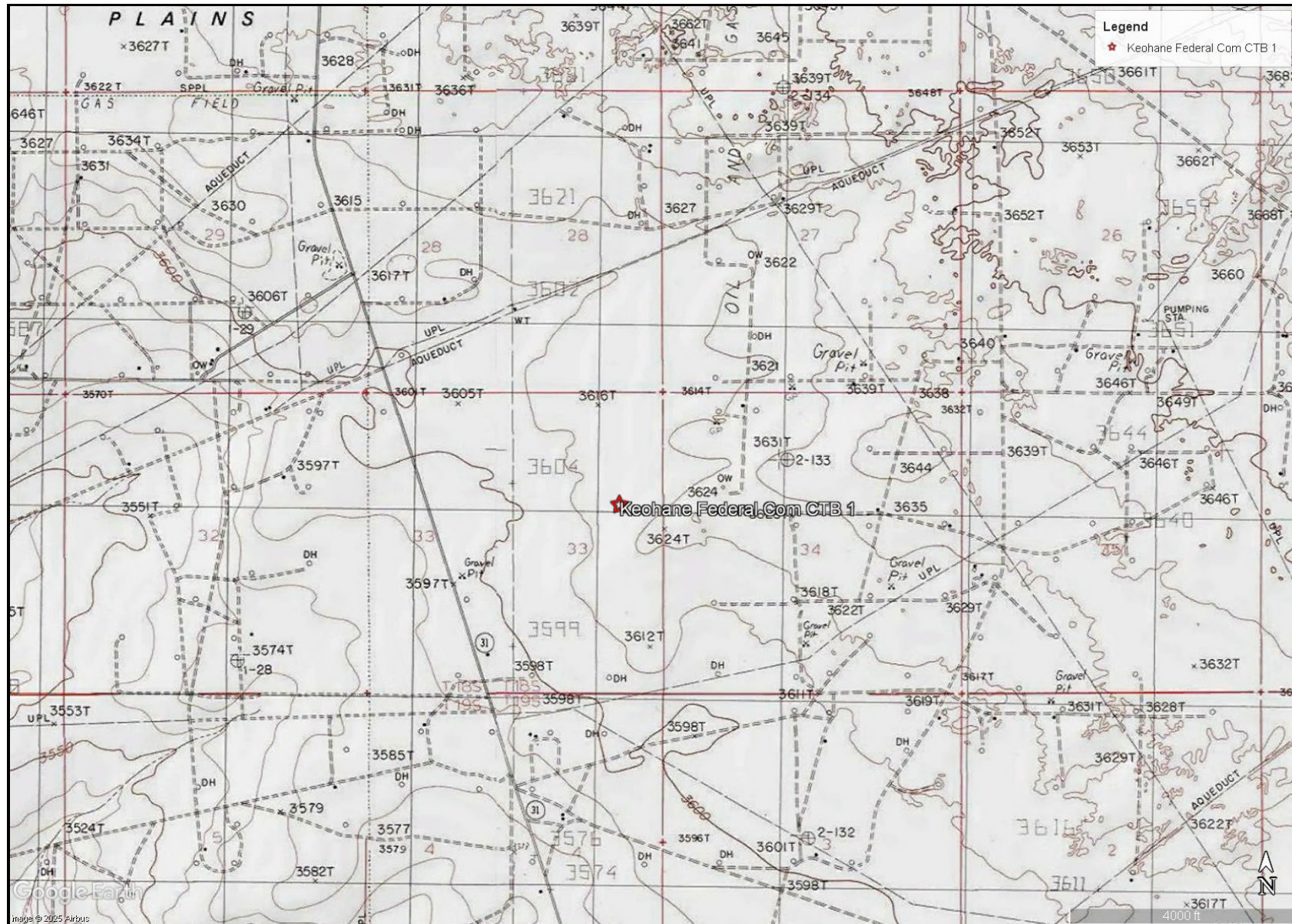


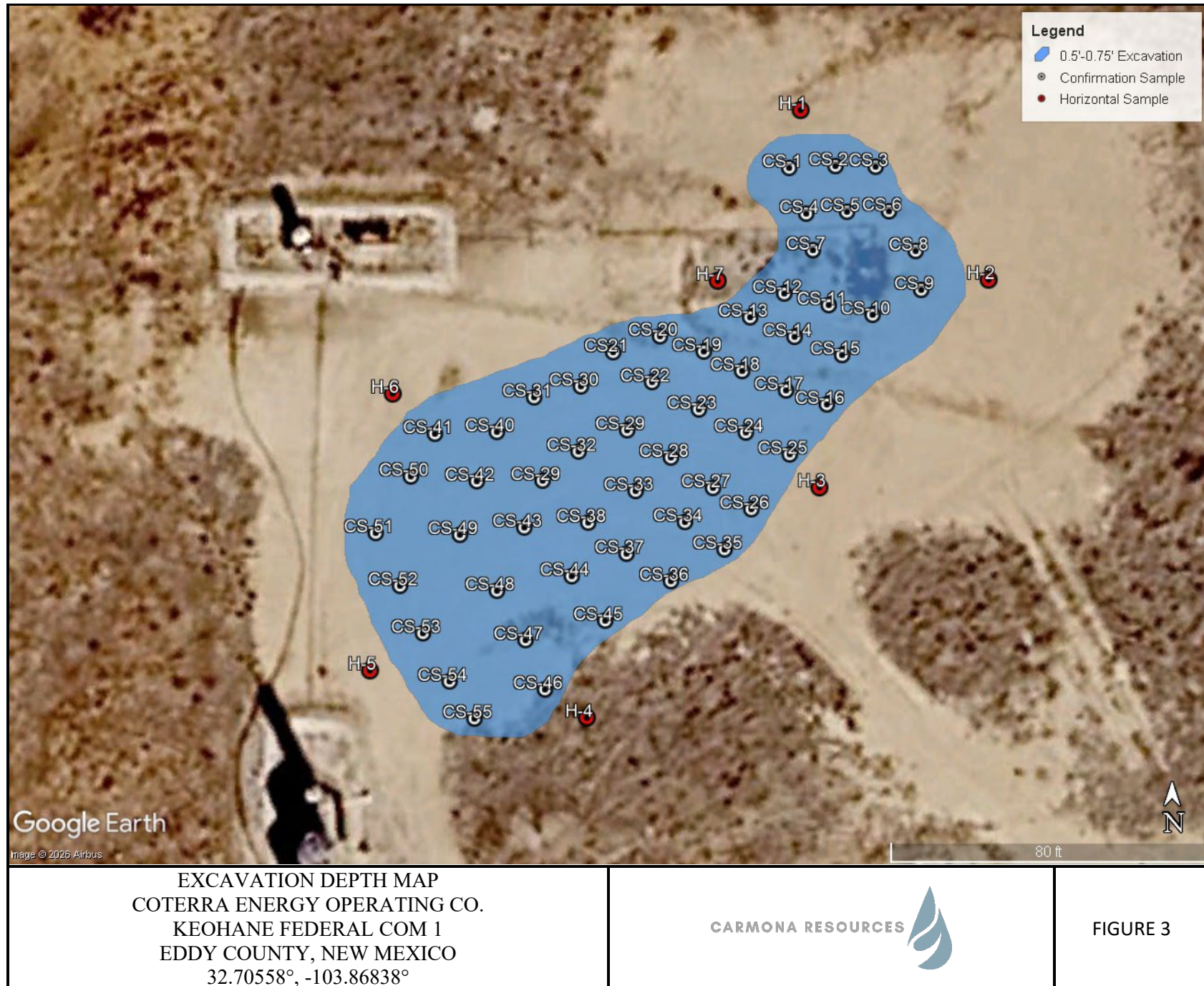


OVERVIEW MAP
COTERRA ENERGY OPERATING CO.
KEOHANE FEDERAL COM 1
EDDY COUNTY, NEW MEXICO
32.70558°, -103.86838°



FIGURE 1





APPENDIX A

CARMONA RESOURCES



Table 1
Coterra Energy Operating Co.
Keohane Federal Com 1 (03.16.2026)
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	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	13.1
CS-2	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	12.7
CS-3	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00202	<0.00404	77.9
CS-4	4/8/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	63.1
CS-5	4/8/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00396	55.3
CS-6	4/8/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	71.7
CS-7	4/8/2026	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	54.6
CS-8	4/8/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00404	77.4
CS-9	4/8/2026	0.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	24.3
CS-9	4/8/2026	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00400	13.1
CS-10	4/8/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	14.7
CS-11	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	11.0
CS-12	4/8/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00403	35.4
CS-13	4/8/2026	0.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	30.4
CS-14	4/8/2026	0.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	30.4
CS-15	4/8/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00396	49.3
CS-16	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	26.0
CS-17	4/8/2026	0.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00200	<0.00401	65.9
CS-18	4/8/2026	0.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	57.8
CS-19	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00198	<0.00396	49.3
CS-20	4/8/2026	0.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	60.2
CS-21	4/8/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00400	41.4
CS-22	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	55.4
CS-23	4/8/2026	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	24.7
CS-24	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00202	<0.00404	42.8
CS-25	4/8/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	68.1
CS-26	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	58.3
CS-27	4/8/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	36.3
CS-28	4/8/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00404	37.1
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 1
Coterra Energy Operating Co.
Keohane Federal Com 1 (03.16.2026)
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-29	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	61.0
CS-30	4/8/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00396	66.5
CS-31	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	41.8
CS-32	4/8/2026	0.5'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	60.7
CS-33	4/8/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	49.4
CS-34	4/8/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00198	<0.00396	<9.96
CS-35	4/8/2026	0.5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00200	<0.00400	30.7
CS-36	4/8/2026	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	65.4
CS-37	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	57.1
CS-38	4/8/2026	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00202	<0.00404	34.3
CS-39	4/8/2026	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	40.3
CS-40	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.00400	50.6
CS-41	4/8/2026	0.5'	<50.0	151	95.4	246	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	34.9
	4/20/2026	0.75'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	0.00209	0.00650	0.00859	<10.0
CS-42	4/8/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	47.5
CS-43	4/8/2026	0.5'	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00202	<0.00404	30.4
CS-44	4/8/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	60.0
CS-45	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	14.3
CS-46	4/8/2026	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	19.6
CS-47	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00202	<0.00404	27.6
CS-48	4/8/2026	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	59.5
CS-49	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00198	<0.00396	14.8
CS-50	4/8/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	26.3
CS-51	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	43.8
CS-52	4/8/2026	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00202	<0.00404	27.6
CS-53	4/8/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	16.0
CS-54	4/8/2026	0.5'	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00198	<0.00396	42.8
CS-55	4/8/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.00400	12.0
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

Removed

Table 1
Coterra Energy Operating Co.
Keohane Federal Com 1 (03.16.2026)
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	4/14/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	10.9
H-2	4/14/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.5
H-3	4/14/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0
H-4	4/14/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.96
H-5	4/14/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	15.8
H-6	4/14/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.3
H-7	4/14/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	16.4
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

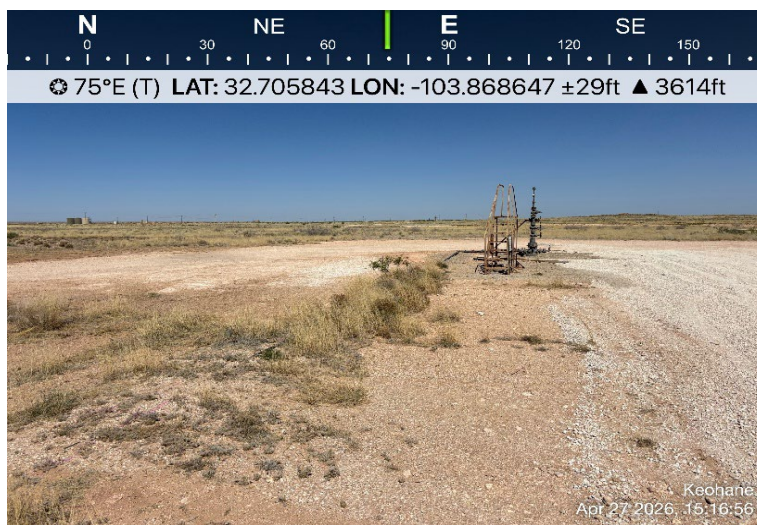
APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG**Coterra Energy Operating Co.****Photograph No. 1****Facility:** Keohane Federal Com #001
(03.16.2026)**County:** Eddy County, New Mexico**Description:**

View East, area of CS-1 through CS-15.

**Photograph No. 2****Facility:** Keohane Federal Com #001
(03.16.2026)**County:** Eddy County, New Mexico**Description:**

View Southeast, area of CS-15 through CS-40.

**Photograph No. 3****Facility:** Keohane Federal Com #001
(03.16.2026)**County:** Eddy County, New Mexico**Description:**

View South, area of CS-31 through CS-55.

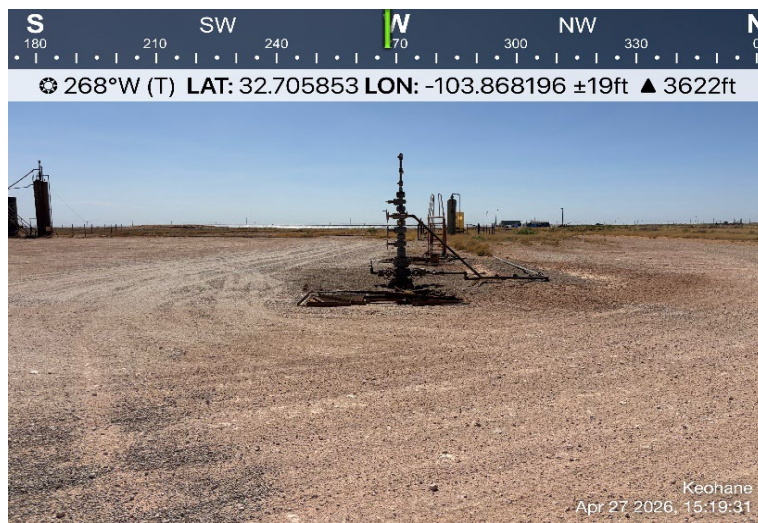


PHOTOGRAPHIC LOG**Coterra Energy Operating Co.****Photograph No. 4****Facility:** Keohane Federal Com #001
(03.16.2026)**County:** Eddy County, New Mexico**Description:**

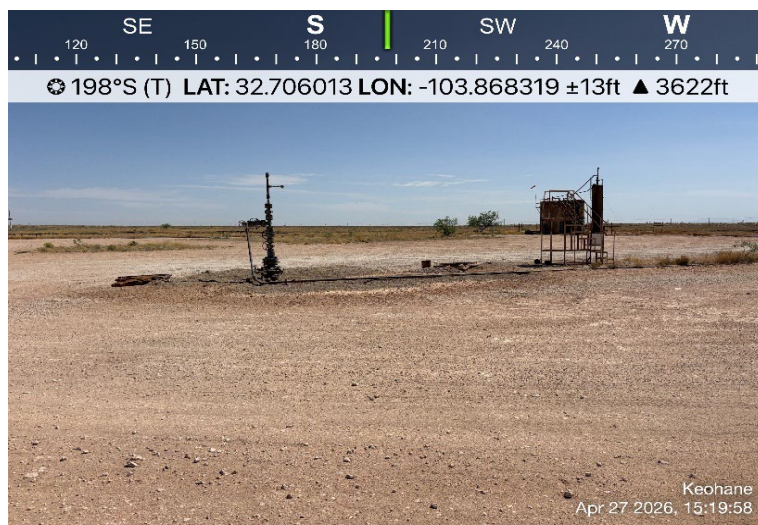
View Northeast, area of CS-1 through CS-22.

**Photograph No. 5****Facility:** Keohane Federal Com #001
(03.16.2026)**County:** Eddy County, New Mexico**Description:**

View West, area of CS-1 through CS-55.

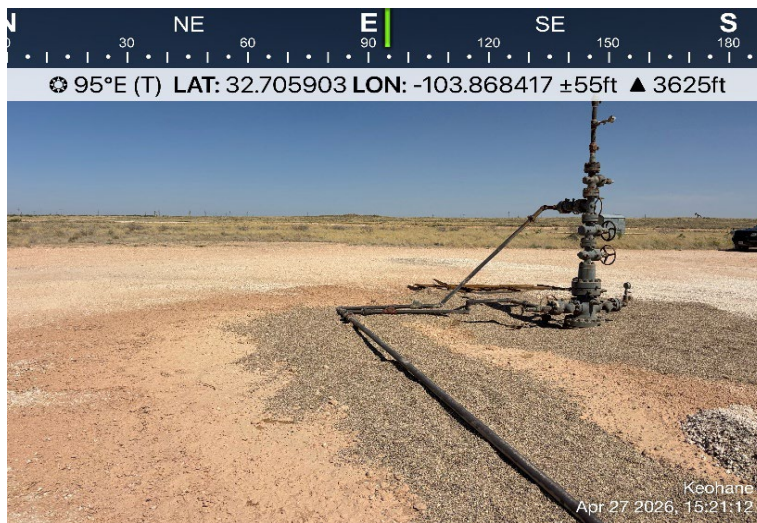
**Photograph No. 6****Facility:** Keohane Federal Com #001
(03.16.2026)**County:** Eddy County, New Mexico**Description:**

View South, area of CS-1 through CS-55.



PHOTOGRAPHIC LOG**Coterra Energy Operating Co.****Photograph No. 7****Facility:** Keohane Federal Com #001
(03.16.2026)**County:** Eddy County, New Mexico**Description:**

View East, area of CS-1 through CS-9 with pea gravel around the wellhead and surface lines to aid in the reduction of slips, trips, and falls.



APPENDIX C

CARMONA RESOURCES



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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 570574

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 570574
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2607571574
Incident Name	NAPP2607571574 KEOHANE FEDERAL COM 1 @ 30-015-22409
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-22409] KEOHANE FEDERAL COM #001

Location of Release Source	
Site Name	Keohane Federal Com 1
Date Release Discovered	03/16/2026
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	8,000
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	04/08/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Surface scrape onsite. Composite confirmation surface samples collected onsite. Carmona Resources 432-813-8988
Please provide any information necessary for navigation to sampling site	32.70558,-103.86838

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 570574

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 570574
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 576194

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 576194
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2607571574
Incident Name	NAPP2607571574 KEOHANE FEDERAL COM 1 @ 30-015-22409
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-22409] KEOHANE FEDERAL COM #001

Location of Release Source	
Site Name	Keohane Federal Com 1
Date Release Discovered	03/16/2026
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	200
What is the estimated number of samples that will be gathered	1
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/20/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Additional remediation on the area of CS-41. Recollect sample at 0.75'
Please provide any information necessary for navigation to sampling site	32.70558,-103.86838

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 576194

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 576194
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/16/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/16/2026

APPENDIX D

CARMONA RESOURCES

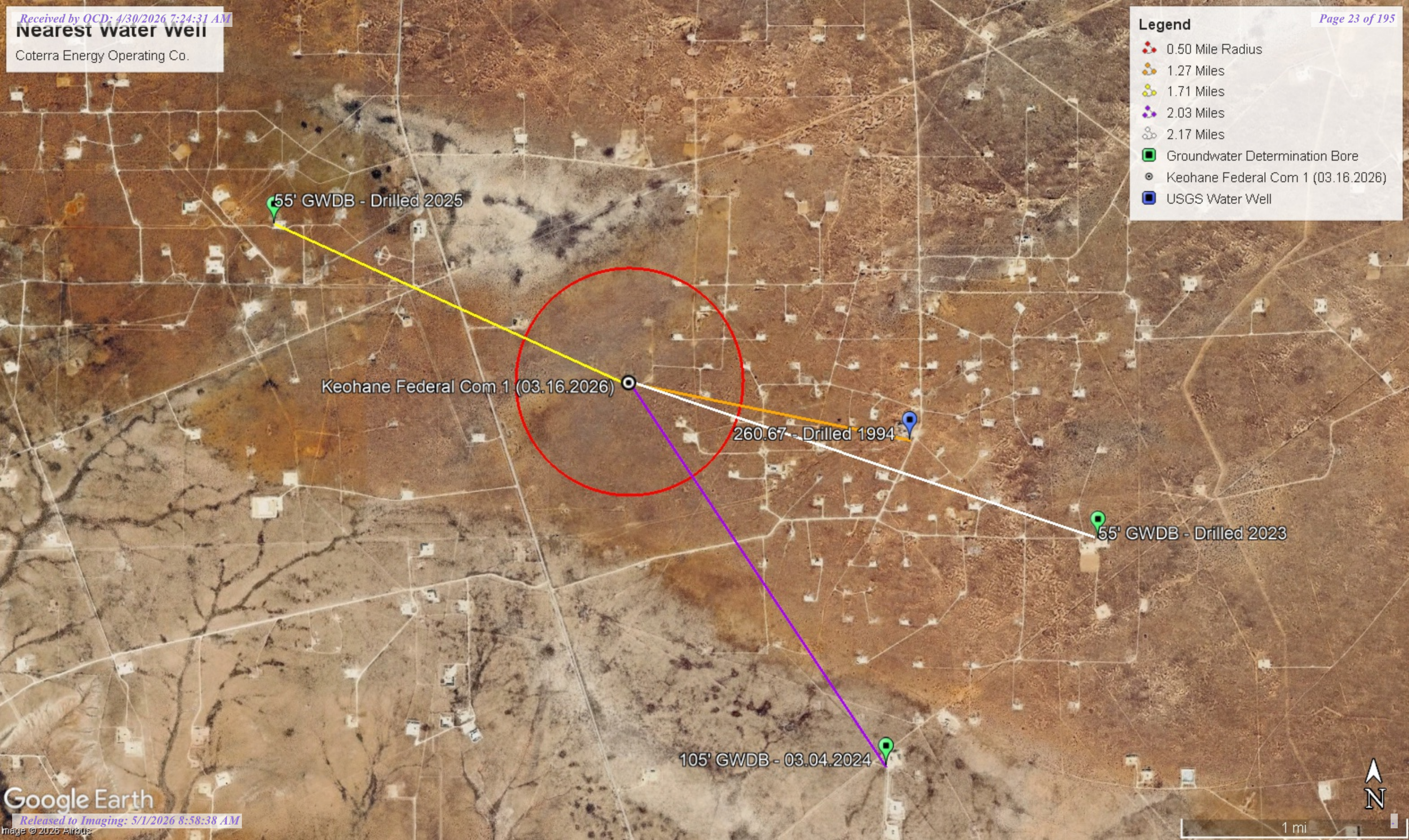


Nearest water well

Coterra Energy Operating Co.

Legend

- 0.50 Mile Radius
- 1.27 Miles
- 1.71 Miles
- 2.03 Miles
- 2.17 Miles
- Groundwater Determination Bore
- Keohane Federal Com 1 (03.16.2026)
- USGS Water Well



Low Karst

Coterra Energy Operating Co.

Legend

- Keohane Federal Com 1 (03.16.2026)
- Low
- Medium

Keohane Federal Com 1 (03.16.2026)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	(meters)	(In feet)		
													Distance	Well Depth	Depth Water	Water Column
CP 00849 POD1		CP	LE	SW	NW	SW	35	18S	31E	608012.0	3618757.0 *		2001	300		
CP 02051 POD1		CP	ED	NE	SE	NE	27	18S	31E	607716.1	3620859.5		2331	55		
CP 02060 POD1		CP	ED	SW	NE	SW	29	18S	31E	603528.9	3620305.3		2759	55		
CP 02105 POD1		CP	ED	NW	SW	SE	26	18S	31E	608895.6	3620214.8		3003	110		
CP 02054 POD1		CP	ED	NE	SW	NE	20	18S	31E	604114.1	3622522.5		3840	55		

Average Depth to Water: 0 feet

Minimum Depth: 0 feet

Maximum Depth: 0 feet

Record Count: 5

UTM Filters (in meters):

Easting: 606063.82

Northing: 3619214.27

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.

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
						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.

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 324159103503801

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

USGS 324159103503801 18S.31E.35.31324

Eddy County, New Mexico
Latitude 32°42'07.3", Longitude 103°50'50.1" NAD83
Land-surface elevation 3,630 feet above NAVD88
The depth of the well is 300 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1971-04-05		D	62610		3367.36	NGVD29	1	Z			A
1971-04-05		D	62611		3368.92	NAVD88	1	Z			A
1971-04-05		D	72019	261.08			1	Z			A
1976-05-27		D	62610		3367.91	NGVD29	1	Z			A
1976-05-27		D	62611		3369.47	NAVD88	1	Z			A
1976-05-27		D	72019	260.53			1	Z			A
1983-04-11		D	62610		3367.94	NGVD29	1	Z			A
1983-04-11		D	62611		3369.50	NAVD88	1	Z			A
1983-04-11		D	72019	260.50			1	Z			A
1987-01-26		D	62610		3367.44	NGVD29	1	S			A
1987-01-26		D	62611		3369.00	NAVD88	1	S			A
1987-01-26		D	72019	261.00			1	S			A
1994-03-17		D	62610		3367.77	NGVD29	1	S			A
1994-03-17		D	62611		3369.33	NAVD88	1	S			A
1994-03-17		D	72019	260.67			1	S			A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Metho meast
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: 2024-09-18 08:21:44 EDT
0.36 0.25 nadww02



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod-1		WELL TAG ID NO.		OSE FILE NO(S). CP-2060		
	WELL OWNER NAME(S) Devon Energy Production				PHONE (OPTIONAL) 575-748-0167		
	WELL OWNER MAILING ADDRESS 6488 Seven Rivers Hwy.				CITY Artesia	STATE NM	
					ZIP 88210		
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 42	SECONDS 56.38	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
	LONGITUDE 103	53	43.08	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE UL-K S-29 T-18S R-31E							
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC	
	DRILLING STARTED 5/14/25	DRILLING ENDED 5/14/25	DEPTH OF COMPLETED WELL (FT) 55		BORE HOLE DEPTH (FT) 55	DEPTH WATER FIRST ENCOUNTERED (FT) Dry Hole	
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		DATE STATIC MEASURED 5/23/24
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
				No Casing Left in Hole			
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)		AMOUNT (cubic feet)	METHOD OF PLACEMENT
				N/A			

OSE DII ROSWELL NM
17 JUN '25 PM 1:28

FOR OSE INTERNAL USE

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

FILE NO.	CP-02060	POD NO.	1	TRN NO.	781734
LOCATION	14S. 31E. 29. 323			WELL TAG ID NO.	PAGE 1 OF 2

USE DII ROSWELL NM
17 JUN '25 PM1:28

Released to Imaging: 5/1/2026 8:58:38 AM



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1		WELL TAG ID NO. N/A		OSE FILE NO(S) CP-01989			
	WELL OWNER NAME(S) Devon Energy Production Company				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 205 E. Bender Road #150				CITY Hobbs	STATE Nm	ZIP 88240	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 40	SECONDS 52.2012 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
LONGITUDE -103 50 56.3568 W								
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Unit D, Section 11, Township 19S, Range 31E, Lea County, New Mexico								
2. DRILLING & CASING INFORMATION	LICENSE NO WD1188		NAME OF LICENSED DRILLER John Scarborough			NAME OF WELL DRILLING COMPANY John Scarborough Drilling Inc.		
	DRILLING STARTED 03/04/2024		DRILLING ENDED 03/04/2024		DEPTH OF COMPLETED WELL (FT) 105	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) N/A	
	COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	105	5.00	Soil Boring	-	-	-	-
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

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

DEPTH (feet bgl)	THICKNESS (feet)		COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO			
0	10	10		Y ✓ N	
10	20	10	Sand, red/brown, coarse to fine grain with caliche gravel	Y ✓ N	
20	30	10	Sand with clay, fine grain, trace caliche gravel, nonuniform	Y ✓ N	
30	40	10	Sand with caliche gravel, red, coarse trace caliche gravel, nonuniform	Y ✓ N	
40	50	10	Sandy-clay, red, very fine to fine, noncohesive	Y ✓ N	
50	60	10	Sand with gravel, red to brown, 52 ft silica gravel layer, thickly bedded	Y ✓ N	
60	70	10	Sand with gravel, red to brown, fine to medium grain, trace silica	Y ✓ N	
70	80	10	Sand with clay, grey sand with red clay, 77 ft caliche layer thickly bedded	Y ✓ N	
80	90	10	Sand with clay, grey sand with red clay, medium to fine grain, uniform	Y ✓ N	
90	100	10	Sand with clay, light to med brown sand with dark red/brownw clay, fine, unif.	Y ✓ N	
100	105	5	Sand with clay, light to med brown sand with dark red/brownw clay, fine, unif.	Y ✓ N	
105	105	0	Sand with gravel, grey sand with red clay, medium to fine grain, trace gravel	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:				TOTAL ESTIMATED WELL YIELD (gpm): 0.00	
☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER - SPECIFY:					
5. TEST; RIG SUPERVISION	WELL TEST				
	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to 10 ft below ground surface (bgs), then hydrated bentonite chips 10 ft bgs to ground surface.				
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Scott Scarborough					
6. SIGNATURE	BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.				
	Scott Scarborough Digitally signed by Scott Scarborough Date: 2024.03.25 08:44:51 -0600		Scott Scarborough 03/25/2024		
SIGNATURE OF DRILLER / PRINT SIGNEE NAME				DATE	

FOR USE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/2019)

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

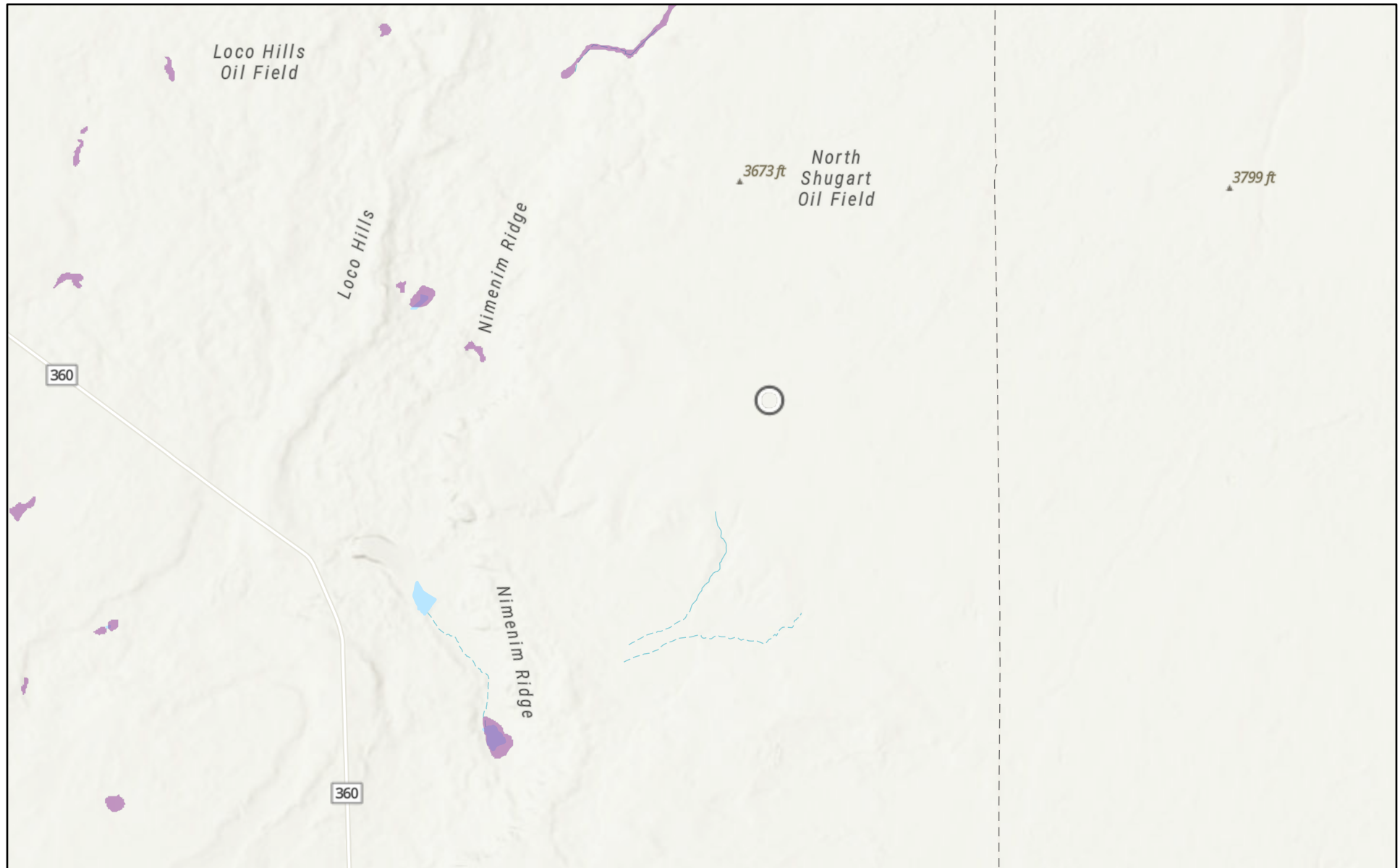
212C-MD-02990		TETRA TECH		LOG OF BORING Corsair State #002H DTW				Page 1 of 1			
Project Name: Corsair State #002H											
Borehole Location/GPS Coordinates: 32.695595°, -103.832960°						Surface Elevation: 3633 ft					
Borehole Number: Corsair State #002H DTW						Borehole Diameter (in.): 8		Date Started:		Date Finished: 3/8/2023	

DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm)	VOC FIELD SCREENING (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS		DEPTH (ft)	REMARKS
												While Drilling	Upon Completion of Drilling		
			ExStik	PID				LL	PI			DRY ft DRY ft Remarks:			
												MATERIAL DESCRIPTION			
5											a	-SC- CLAYEY SAND: Light brown, fine-grained, dry, partially cemented, with gravel-sized caliche	2		
											a	-SP- SAND: Light brown, loose, dry, fine- to coarse-grained, partially cemented	4		
10												-SP-SC- SAND: Light brown, loose, fine- to coarse-grained, dry, with cemented fragments and clayey sand pockets	9		
15												-SP-SC- SAND: Pale brown to light brown, loose, fine- to coarse-grained, dry, intermixed with clayey sand, with caliche	14		
20												-SP- SAND: Pale brown, fine- to coarse-grained, dry, with rounded pebble-sized caliche	19		
25												-SP- SAND: Light reddish brown, fine- to coarse-grained, dry, with caliche fragments and pebble-sized rounded gravel	29		
30												-CL- CLAY: Reddish brown, intermixed with coarse-grained sand, dry, with caliche fragments	34		
35												-SM- SAND: Reddish brown, loose, uncemented to weakly cemented, fine-grained, dry, trace clay, with caliche fragments	39		
40												-SP- SAND: Reddish brown, loose, fine- to coarse-grained, dry, some gravel, trace caliche	44		
45												-CL- CLAY: Brown, hard, intermixed with sand and subangular gravel, trace caliche	49		
50												-SM- SAND: Brown, fine- to coarse-grained, dry, with clay fragments	54		
55												-CL- CLAY: Brown, hard, dry, trace sand	55		
Bottom of borehole at 55.0 feet.															

Sampler Types: Split Spoon Shelby Bulk Sample Grab Sample	Acetate Liner Vane Shear Discrete Sample Test Pit	Operation Types: Mud Rotary Continuous Flight Auger Wash Rotary	Hand Auger Air Rotary Direct Push Core Barrel	Notes: Surface elevation is an approximate value obtained from Google Earth data.
--	--	---	--	---

Logger: Colton Bickerstaff	Drilling Equipment: Air Rotary	Driller: Scarborough Drilling
-----------------------------------	---------------------------------------	--------------------------------------

Keohane Federal Com 1 (03.16.2026)



3/17/2026

USA Flood Hazard Areas

 1% Annual Chance Flood Hazard

World_Hillshade



1:144,448

0 1 2 4 mi
0 1.5 3 6 km

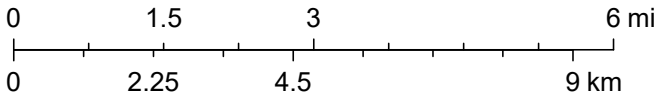
Source: FEMA, Esri, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS,
(c) OpenStreetMap contributors, and the GIS User Community, Esri, NASA,

Keohane Federal Com 1 (03.16.2026)



3/17/2026, 8:08:14 AM

1:144,448



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



Keohane Federal Com 1 (03.16.2026)



March 17, 2026

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

APPENDIX E

CARMONA RESOURCES





Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/16/2026 8:18:47 AM

JOB DESCRIPTION

Keohane Federal Com 1 CTB
Lea county New Mexiico

JOB NUMBER

880-70752-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



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4/16/2026 8:18:47 AM

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

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Laboratory Job ID: 880-70752-1
SDG: Lea county New Mexico

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14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Keohane Federal Com 1 CTB

Job ID: 880-70752-1

Job ID: 880-70752-1

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Job Narrative
880-70752-1

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

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

Receipt

The samples were received on 4/8/2026 5:08 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.9°C.

GC VOA

Method 8021B: Spike compounds were inadvertently omitted during the extraction process for the matrix spike duplicate (MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-137379 and analytical batch 880-137499. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS - 10 (0.5') (880-70752-10) and (880-70752-A-1-H MSD). Evidence of matrix interferences is not obvious.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-137514 recovered outside control limits for Benzene, Toluene, Ethylbenzene, m-Xylene & p-Xylene and o-Xylene. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-137514/2).

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-137381 and analytical batch 880-137514 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS - 12 (0.5') (880-70752-12), CS - 14 (0.5') (880-70752-14), CS - 15 (0.5') (880-70752-15) and CS - 20 (0.5') (880-70752-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137308 and analytical batch 880-137396 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-70752-A-41-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS - 22 (0.5') (880-70752-22), CS - 28 (0.5') (880-70752-28) and CS - 39 (0.5') (880-70752-39). Evidence of matrix interferences is not obvious.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-137310 and analytical batch 880-137457 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-137309 and

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Case Narrative

Client: Carmona Resources
Project: Keohane Federal Com 1 CTB

Job ID: 880-70752-1

Job ID: 880-70752-1 (Continued) **Eurofins Midland**

analytical batch 880-137456 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexiico

Client Sample ID: CS - 1 (0.5')

Lab Sample ID: 880-70752-1

Date Collected: 04/08/26 12:20

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		04/09/26 17:13	04/13/26 12:50	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		04/09/26 17:13	04/13/26 12:50	1
Ethylbenzene	<0.00200	U F1 F2	0.00200		mg/Kg		04/09/26 17:13	04/13/26 12:50	1
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.00399		mg/Kg		04/09/26 17:13	04/13/26 12:50	1
o-Xylene	<0.00200	U F1 F2	0.00200		mg/Kg		04/09/26 17:13	04/13/26 12:50	1
Xylenes, Total	<0.00399	U F1 F2	0.00399		mg/Kg		04/09/26 17:13	04/13/26 12:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/09/26 17:13	04/13/26 12:50	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/09/26 17:13	04/13/26 12:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/26 12:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 17:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	50.1		mg/Kg		04/09/26 10:17	04/10/26 17:35	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:17	04/10/26 17:35	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:17	04/10/26 17:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	75		70 - 130	04/09/26 10:17	04/10/26 17:35	1
o-Terphenyl (Surr)	94		70 - 130	04/09/26 10:17	04/10/26 17:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.1		9.96		mg/Kg			04/10/26 14:26	1

Client Sample ID: CS - 2 (0.5')

Lab Sample ID: 880-70752-2

Date Collected: 04/08/26 12:22

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:13	04/13/26 13:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:13	04/13/26 13:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:13	04/13/26 13:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/09/26 17:13	04/13/26 13:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:13	04/13/26 13:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/09/26 17:13	04/13/26 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	04/09/26 17:13	04/13/26 13:11	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/09/26 17:13	04/13/26 13:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 2 (0.5')

Lab Sample ID: 880-70752-2

Date Collected: 04/08/26 12:22

Matrix: Solid

Date Received: 04/08/26 17:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/26 13:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 18:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 10:17	04/10/26 18:18	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:17	04/10/26 18:18	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:17	04/10/26 18:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130				04/09/26 10:17	04/10/26 18:18	1
o-Terphenyl (Surr)	90		70 - 130				04/09/26 10:17	04/10/26 18:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.7		10.1		mg/Kg			04/10/26 14:42	1

Client Sample ID: CS - 3 (0.5')

Lab Sample ID: 880-70752-3

Date Collected: 04/08/26 12:24

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:13	04/13/26 13:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:13	04/13/26 13:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:13	04/13/26 13:31	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/09/26 17:13	04/13/26 13:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:13	04/13/26 13:31	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/09/26 17:13	04/13/26 13:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				04/09/26 17:13	04/13/26 13:31	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/09/26 17:13	04/13/26 13:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/13/26 13:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 18:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 10:17	04/10/26 18:32	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:17	04/10/26 18:32	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 3 (0.5')

Lab Sample ID: 880-70752-3

Date Collected: 04/08/26 12:24

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:17	04/10/26 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	74		70 - 130				04/09/26 10:17	04/10/26 18:32	1
o-Terphenyl (Surr)	87		70 - 130				04/09/26 10:17	04/10/26 18:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.9		10.1		mg/Kg			04/10/26 14:47	1

Client Sample ID: CS - 4 (0.5')

Lab Sample ID: 880-70752-4

Date Collected: 04/08/26 12:26

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:13	04/13/26 13:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:13	04/13/26 13:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:13	04/13/26 13:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/09/26 17:13	04/13/26 13:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:13	04/13/26 13:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/09/26 17:13	04/13/26 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/09/26 17:13	04/13/26 13:52	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/09/26 17:13	04/13/26 13:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/26 13:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 18:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 18:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 18:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130				04/09/26 10:17	04/10/26 18:46	1
o-Terphenyl (Surr)	101		70 - 130				04/09/26 10:17	04/10/26 18:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.1		9.94		mg/Kg			04/10/26 14:52	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexiico

Client Sample ID: CS - 5 (0.5')

Lab Sample ID: 880-70752-5

Date Collected: 04/08/26 12:28

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:13	04/13/26 14:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:13	04/13/26 14:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:13	04/13/26 14:12	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/09/26 17:13	04/13/26 14:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:13	04/13/26 14:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/09/26 17:13	04/13/26 14:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	04/09/26 17:13	04/13/26 14:12	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/09/26 17:13	04/13/26 14:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/13/26 14:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 19:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 19:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130	04/09/26 10:17	04/10/26 19:01	1
o-Terphenyl (Surr)	95		70 - 130	04/09/26 10:17	04/10/26 19:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.3		10.1		mg/Kg			04/10/26 14:58	1

Client Sample ID: CS - 6 (0.5')

Lab Sample ID: 880-70752-6

Date Collected: 04/08/26 12:30

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 14:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 14:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 14:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/09/26 17:13	04/13/26 14:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 14:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/09/26 17:13	04/13/26 14:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	04/09/26 17:13	04/13/26 14:33	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/09/26 17:13	04/13/26 14:33	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 6 (0.5')

Lab Sample ID: 880-70752-6

Date Collected: 04/08/26 12:30

Matrix: Solid

Date Received: 04/08/26 17:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/26 14:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 19:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 19:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 19:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130				04/09/26 10:17	04/10/26 19:15	1
o-Terphenyl (Surr)	93		70 - 130				04/09/26 10:17	04/10/26 19:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.7		10.1		mg/Kg			04/10/26 15:13	1

Client Sample ID: CS - 7 (0.5')

Lab Sample ID: 880-70752-7

Date Collected: 04/08/26 12:32

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:13	04/13/26 14:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:13	04/13/26 14:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:13	04/13/26 14:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/09/26 17:13	04/13/26 14:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:13	04/13/26 14:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/09/26 17:13	04/13/26 14:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				04/09/26 17:13	04/13/26 14:53	1
1,4-Difluorobenzene (Surr)	84		70 - 130				04/09/26 17:13	04/13/26 14:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/26 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/26 19:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/26 10:17	04/10/26 19:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/09/26 10:17	04/10/26 19:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 7 (0.5')

Lab Sample ID: 880-70752-7

Date Collected: 04/08/26 12:32

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/26 10:17	04/10/26 19:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				04/09/26 10:17	04/10/26 19:29	1
o-Terphenyl (Surr)	96		70 - 130				04/09/26 10:17	04/10/26 19:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.6		9.96		mg/Kg			04/10/26 15:18	1

Client Sample ID: CS - 8 (0.5')

Lab Sample ID: 880-70752-8

Date Collected: 04/08/26 12:34

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:13	04/13/26 15:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:13	04/13/26 15:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:13	04/13/26 15:14	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/09/26 17:13	04/13/26 15:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:13	04/13/26 15:14	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/09/26 17:13	04/13/26 15:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				04/09/26 17:13	04/13/26 15:14	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/09/26 17:13	04/13/26 15:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/13/26 15:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 19:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 19:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 19:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 19:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130				04/09/26 10:17	04/10/26 19:43	1
o-Terphenyl (Surr)	96		70 - 130				04/09/26 10:17	04/10/26 19:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.4		10.1		mg/Kg			04/10/26 15:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 9 (0.5')

Lab Sample ID: 880-70752-9

Date Collected: 04/08/26 12:36

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:13	04/13/26 15:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:13	04/13/26 15:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:13	04/13/26 15:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/09/26 17:13	04/13/26 15:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:13	04/13/26 15:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/09/26 17:13	04/13/26 15:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	04/09/26 17:13	04/13/26 15:34	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/09/26 17:13	04/13/26 15:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/26 15:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/10/26 19:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/09/26 10:17	04/10/26 19:58	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/09/26 10:17	04/10/26 19:58	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/09/26 10:17	04/10/26 19:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130	04/09/26 10:17	04/10/26 19:58	1
o-Terphenyl (Surr)	93		70 - 130	04/09/26 10:17	04/10/26 19:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.3		10.1		mg/Kg			04/10/26 15:29	1

Client Sample ID: CS - 10 (0.5')

Lab Sample ID: 880-70752-10

Date Collected: 04/08/26 12:38

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 15:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 15:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 15:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/09/26 17:13	04/13/26 15:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 15:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/09/26 17:13	04/13/26 15:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	04/09/26 17:13	04/13/26 15:54	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/09/26 17:13	04/13/26 15:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 10 (0.5')

Lab Sample ID: 880-70752-10

Date Collected: 04/08/26 12:38

Matrix: Solid

Date Received: 04/08/26 17:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/13/26 15:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/26 20:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/26 10:17	04/10/26 20:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/09/26 10:17	04/10/26 20:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/26 10:17	04/10/26 20:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130				04/09/26 10:17	04/10/26 20:13	1
o-Terphenyl (Surr)	91		70 - 130				04/09/26 10:17	04/10/26 20:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.1		10.0		mg/Kg			04/10/26 15:34	1

Client Sample ID: CS - 11 (0.5')

Lab Sample ID: 880-70752-11

Date Collected: 04/08/26 12:40

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 17:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 17:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 17:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/09/26 17:13	04/13/26 17:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 17:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/09/26 17:13	04/13/26 17:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/09/26 17:13	04/13/26 17:45	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/09/26 17:13	04/13/26 17:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/26 17:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 20:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 20:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 20:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 11 (0.5')

Lab Sample ID: 880-70752-11

Date Collected: 04/08/26 12:40

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 20:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130				04/09/26 10:17	04/10/26 20:42	1
o-Terphenyl (Surr)	91		70 - 130				04/09/26 10:17	04/10/26 20:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.7		9.96		mg/Kg			04/10/26 15:39	1

Client Sample ID: CS - 12 (0.5')

Lab Sample ID: 880-70752-12

Date Collected: 04/08/26 12:42

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:13	04/13/26 18:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:13	04/13/26 18:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:13	04/13/26 18:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/09/26 17:13	04/13/26 18:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:13	04/13/26 18:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/09/26 17:13	04/13/26 18:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				04/09/26 17:13	04/13/26 18:06	1
1,4-Difluorobenzene (Surr)	110		70 - 130				04/09/26 17:13	04/13/26 18:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/26 18:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 20:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 10:17	04/10/26 20:56	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:17	04/10/26 20:56	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:17	04/10/26 20:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130				04/09/26 10:17	04/10/26 20:56	1
o-Terphenyl (Surr)	89		70 - 130				04/09/26 10:17	04/10/26 20:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.0		10.1		mg/Kg			04/10/26 15:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 13 (0.5')

Lab Sample ID: 880-70752-13

Date Collected: 04/08/26 12:44

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:13	04/13/26 18:26	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:13	04/13/26 18:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:13	04/13/26 18:26	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/09/26 17:13	04/13/26 18:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:13	04/13/26 18:26	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/09/26 17:13	04/13/26 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	04/09/26 17:13	04/13/26 18:26	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/09/26 17:13	04/13/26 18:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/13/26 18:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 21:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 21:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 21:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 21:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130	04/09/26 10:17	04/10/26 21:10	1
o-Terphenyl (Surr)	90		70 - 130	04/09/26 10:17	04/10/26 21:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.4		10.1		mg/Kg			04/10/26 16:00	1

Client Sample ID: CS - 14 (0.5')

Lab Sample ID: 880-70752-14

Date Collected: 04/08/26 12:46

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:13	04/13/26 18:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:13	04/13/26 18:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:13	04/13/26 18:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/09/26 17:13	04/13/26 18:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:13	04/13/26 18:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/09/26 17:13	04/13/26 18:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	04/09/26 17:13	04/13/26 18:47	1
1,4-Difluorobenzene (Surr)	106		70 - 130	04/09/26 17:13	04/13/26 18:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 14 (0.5')

Lab Sample ID: 880-70752-14

Date Collected: 04/08/26 12:46

Matrix: Solid

Date Received: 04/08/26 17:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/26 18:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/10/26 21:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/09/26 10:17	04/10/26 21:24	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/09/26 10:17	04/10/26 21:24	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/09/26 10:17	04/10/26 21:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				04/09/26 10:17	04/10/26 21:24	1
o-Terphenyl (Surr)	99		70 - 130				04/09/26 10:17	04/10/26 21:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.4		10.0		mg/Kg			04/10/26 16:16	1

Client Sample ID: CS - 15 (0.5')

Lab Sample ID: 880-70752-15

Date Collected: 04/08/26 12:48

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:13	04/13/26 19:07	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:13	04/13/26 19:07	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:13	04/13/26 19:07	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/09/26 17:13	04/13/26 19:07	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:13	04/13/26 19:07	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/09/26 17:13	04/13/26 19:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				04/09/26 17:13	04/13/26 19:07	1
1,4-Difluorobenzene (Surr)	110		70 - 130				04/09/26 17:13	04/13/26 19:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/13/26 19:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/26 21:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/26 10:17	04/10/26 21:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/09/26 10:17	04/10/26 21:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 15 (0.5')

Lab Sample ID: 880-70752-15

Date Collected: 04/08/26 12:48

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/26 10:17	04/10/26 21:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				04/09/26 10:17	04/10/26 21:38	1
o-Terphenyl (Surr)	96		70 - 130				04/09/26 10:17	04/10/26 21:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.3		9.92		mg/Kg			04/10/26 16:21	1

Client Sample ID: CS - 16 (0.5')

Lab Sample ID: 880-70752-16

Date Collected: 04/08/26 12:50

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 19:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 19:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 19:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/09/26 17:13	04/13/26 19:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 19:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/09/26 17:13	04/13/26 19:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				04/09/26 17:13	04/13/26 19:28	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/09/26 17:13	04/13/26 19:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/26 19:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 21:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 10:17	04/10/26 21:53	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:17	04/10/26 21:53	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:17	04/10/26 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	72		70 - 130				04/09/26 10:17	04/10/26 21:53	1
o-Terphenyl (Surr)	82		70 - 130				04/09/26 10:17	04/10/26 21:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.0		10.1		mg/Kg			04/10/26 16:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 17 (0.5')

Lab Sample ID: 880-70752-17

Date Collected: 04/08/26 12:52

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 19:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 19:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 19:48	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/09/26 17:13	04/13/26 19:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 19:48	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/09/26 17:13	04/13/26 19:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	04/09/26 17:13	04/13/26 19:48	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/09/26 17:13	04/13/26 19:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/13/26 19:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/10/26 22:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/09/26 10:17	04/10/26 22:07	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/26 10:17	04/10/26 22:07	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/26 10:17	04/10/26 22:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130	04/09/26 10:17	04/10/26 22:07	1
o-Terphenyl (Surr)	101		70 - 130	04/09/26 10:17	04/10/26 22:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.9		10.0		mg/Kg			04/10/26 16:32	1

Client Sample ID: CS - 18 (0.5')

Lab Sample ID: 880-70752-18

Date Collected: 04/08/26 12:54

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:13	04/13/26 20:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:13	04/13/26 20:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:13	04/13/26 20:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/09/26 17:13	04/13/26 20:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:13	04/13/26 20:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/09/26 17:13	04/13/26 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	04/09/26 17:13	04/13/26 20:09	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/09/26 17:13	04/13/26 20:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 18 (0.5')

Lab Sample ID: 880-70752-18

Date Collected: 04/08/26 12:54

Matrix: Solid

Date Received: 04/08/26 17:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/26 20:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/10/26 22:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/09/26 10:17	04/10/26 22:23	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/26 10:17	04/10/26 22:23	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/26 10:17	04/10/26 22:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130				04/09/26 10:17	04/10/26 22:23	1
o-Terphenyl (Surr)	92		70 - 130				04/09/26 10:17	04/10/26 22:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.8		9.92		mg/Kg			04/10/26 16:37	1

Client Sample ID: CS - 19 (0.5')

Lab Sample ID: 880-70752-19

Date Collected: 04/08/26 12:56

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:13	04/13/26 20:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:13	04/13/26 20:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:13	04/13/26 20:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/09/26 17:13	04/13/26 20:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:13	04/13/26 20:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/09/26 17:13	04/13/26 20:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				04/09/26 17:13	04/13/26 20:29	1
1,4-Difluorobenzene (Surr)	104		70 - 130				04/09/26 17:13	04/13/26 20:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/13/26 20:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 22:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 10:17	04/10/26 22:36	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:17	04/10/26 22:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 19 (0.5')

Lab Sample ID: 880-70752-19

Date Collected: 04/08/26 12:56

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:17	04/10/26 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130				04/09/26 10:17	04/10/26 22:36	1
o-Terphenyl (Surr)	92		70 - 130				04/09/26 10:17	04/10/26 22:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.3		10.1		mg/Kg			04/10/26 16:42	1

Client Sample ID: CS - 20 (0.5')

Lab Sample ID: 880-70752-20

Date Collected: 04/08/26 12:58

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 20:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 20:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 20:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/09/26 17:13	04/13/26 20:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 20:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/09/26 17:13	04/13/26 20:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130				04/09/26 17:13	04/13/26 20:49	1
1,4-Difluorobenzene (Surr)	112		70 - 130				04/09/26 17:13	04/13/26 20:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/26 20:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/10/26 22:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/09/26 10:17	04/10/26 22:51	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/26 10:17	04/10/26 22:51	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/26 10:17	04/10/26 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130				04/09/26 10:17	04/10/26 22:51	1
o-Terphenyl (Surr)	87		70 - 130				04/09/26 10:17	04/10/26 22:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.2		10.1		mg/Kg			04/10/26 16:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 21 (0.5')

Lab Sample ID: 880-70752-21

Date Collected: 04/08/26 13:00

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/12/26 22:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/12/26 22:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/12/26 22:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/09/26 17:17	04/12/26 22:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/12/26 22:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/09/26 17:17	04/12/26 22:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/09/26 17:17	04/12/26 22:33	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/09/26 17:17	04/12/26 22:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/12/26 22:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/26 18:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	49.8		mg/Kg		04/09/26 10:21	04/10/26 18:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U F1	49.8		mg/Kg		04/09/26 10:21	04/10/26 18:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/26 10:21	04/10/26 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130	04/09/26 10:21	04/10/26 18:18	1
o-Terphenyl (Surr)	127		70 - 130	04/09/26 10:21	04/10/26 18:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.4		10.0		mg/Kg			04/10/26 19:17	1

Client Sample ID: CS - 22 (0.5')

Lab Sample ID: 880-70752-22

Date Collected: 04/08/26 13:02

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/12/26 22:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/12/26 22:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/12/26 22:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/09/26 17:17	04/12/26 22:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/12/26 22:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/09/26 17:17	04/12/26 22:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/09/26 17:17	04/12/26 22:54	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/09/26 17:17	04/12/26 22:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 22 (0.5')

Lab Sample ID: 880-70752-22

Date Collected: 04/08/26 13:02

Matrix: Solid

Date Received: 04/08/26 17:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/12/26 22:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 19:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/10/26 19:19	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/10/26 19:19	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/10/26 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	130		70 - 130				04/09/26 10:21	04/10/26 19:19	1
o-Terphenyl (Surr)	140	S1+	70 - 130				04/09/26 10:21	04/10/26 19:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.4		10.1		mg/Kg			04/10/26 19:33	1

Client Sample ID: CS - 23 (0.5')

Lab Sample ID: 880-70752-23

Date Collected: 04/08/26 13:04

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:17	04/12/26 23:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:17	04/12/26 23:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:17	04/12/26 23:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/09/26 17:17	04/12/26 23:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:17	04/12/26 23:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/09/26 17:17	04/12/26 23:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				04/09/26 17:17	04/12/26 23:14	1
1,4-Difluorobenzene (Surr)	101		70 - 130				04/09/26 17:17	04/12/26 23:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/12/26 23:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/10/26 19:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/09/26 10:21	04/10/26 19:39	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/09/26 10:21	04/10/26 19:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 23 (0.5')

Lab Sample ID: 880-70752-23

Date Collected: 04/08/26 13:04

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/09/26 10:21	04/10/26 19:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				04/09/26 10:21	04/10/26 19:39	1
o-Terphenyl (Surr)	124		70 - 130				04/09/26 10:21	04/10/26 19:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.7		10.0		mg/Kg			04/10/26 19:38	1

Client Sample ID: CS - 24 (0.5')

Lab Sample ID: 880-70752-24

Date Collected: 04/08/26 13:06

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:17	04/12/26 23:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:17	04/12/26 23:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:17	04/12/26 23:35	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/09/26 17:17	04/12/26 23:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:17	04/12/26 23:35	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/09/26 17:17	04/12/26 23:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				04/09/26 17:17	04/12/26 23:35	1
1,4-Difluorobenzene (Surr)	105		70 - 130				04/09/26 17:17	04/12/26 23:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/12/26 23:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 19:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/10/26 19:59	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/10/26 19:59	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/10/26 19:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				04/09/26 10:21	04/10/26 19:59	1
o-Terphenyl (Surr)	116		70 - 130				04/09/26 10:21	04/10/26 19:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.8		9.96		mg/Kg			04/10/26 19:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 25 (0.5')

Lab Sample ID: 880-70752-25

Date Collected: 04/08/26 13:08

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:17	04/12/26 23:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:17	04/12/26 23:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:17	04/12/26 23:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/09/26 17:17	04/12/26 23:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:17	04/12/26 23:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/09/26 17:17	04/12/26 23:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	04/09/26 17:17	04/12/26 23:56	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/09/26 17:17	04/12/26 23:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/12/26 23:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/26 20:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/26 10:21	04/10/26 20:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/09/26 10:21	04/10/26 20:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/26 10:21	04/10/26 20:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130	04/09/26 10:21	04/10/26 20:19	1
o-Terphenyl (Surr)	114		70 - 130	04/09/26 10:21	04/10/26 20:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.1		9.94		mg/Kg			04/10/26 19:49	1

Client Sample ID: CS - 26 (0.5')

Lab Sample ID: 880-70752-26

Date Collected: 04/08/26 13:10

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 00:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 00:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 00:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/09/26 17:17	04/13/26 00:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 00:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/09/26 17:17	04/13/26 00:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/09/26 17:17	04/13/26 00:16	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/09/26 17:17	04/13/26 00:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 26 (0.5')

Lab Sample ID: 880-70752-26

Date Collected: 04/08/26 13:10

Matrix: Solid

Date Received: 04/08/26 17:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/26 00:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 20:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/10/26 20:40	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/10/26 20:40	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/10/26 20:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				04/09/26 10:21	04/10/26 20:40	1
o-Terphenyl (Surr)	110		70 - 130				04/09/26 10:21	04/10/26 20:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.3		10.1		mg/Kg			04/10/26 20:04	1

Client Sample ID: CS - 27 (0.5')

Lab Sample ID: 880-70752-27

Date Collected: 04/08/26 13:12

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:17	04/13/26 00:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:17	04/13/26 00:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:17	04/13/26 00:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/09/26 17:17	04/13/26 00:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:17	04/13/26 00:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/09/26 17:17	04/13/26 00:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/09/26 17:17	04/13/26 00:37	1
1,4-Difluorobenzene (Surr)	105		70 - 130				04/09/26 17:17	04/13/26 00:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/26 00:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 21:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 10:21	04/10/26 21:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 10:21	04/10/26 21:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 27 (0.5')

Lab Sample ID: 880-70752-27

Date Collected: 04/08/26 13:12

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 10:21	04/10/26 21:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130				04/09/26 10:21	04/10/26 21:00	1
o-Terphenyl (Surr)	127		70 - 130				04/09/26 10:21	04/10/26 21:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.3		10.1		mg/Kg			04/10/26 20:09	1

Client Sample ID: CS - 28 (0.5')

Lab Sample ID: 880-70752-28

Date Collected: 04/08/26 13:14

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:17	04/13/26 00:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:17	04/13/26 00:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:17	04/13/26 00:58	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/09/26 17:17	04/13/26 00:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:17	04/13/26 00:58	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/09/26 17:17	04/13/26 00:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				04/09/26 17:17	04/13/26 00:58	1
1,4-Difluorobenzene (Surr)	101		70 - 130				04/09/26 17:17	04/13/26 00:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/13/26 00:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 21:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 10:21	04/10/26 21:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 10:21	04/10/26 21:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 10:21	04/10/26 21:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130				04/09/26 10:21	04/10/26 21:21	1
o-Terphenyl (Surr)	140	S1+	70 - 130				04/09/26 10:21	04/10/26 21:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.1		9.96		mg/Kg			04/10/26 20:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 29 (0.5')

Lab Sample ID: 880-70752-29

Date Collected: 04/08/26 13:16

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:17	04/13/26 01:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:17	04/13/26 01:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:17	04/13/26 01:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/09/26 17:17	04/13/26 01:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:17	04/13/26 01:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/09/26 17:17	04/13/26 01:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/09/26 17:17	04/13/26 01:18	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/09/26 17:17	04/13/26 01:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/26 01:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 21:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/10/26 21:41	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/10/26 21:41	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/10/26 21:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130	04/09/26 10:21	04/10/26 21:41	1
o-Terphenyl (Surr)	118		70 - 130	04/09/26 10:21	04/10/26 21:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.0		10.1		mg/Kg			04/10/26 20:20	1

Client Sample ID: CS - 30 (0.5')

Lab Sample ID: 880-70752-30

Date Collected: 04/08/26 13:18

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:17	04/13/26 01:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:17	04/13/26 01:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:17	04/13/26 01:39	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/09/26 17:17	04/13/26 01:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:17	04/13/26 01:39	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/09/26 17:17	04/13/26 01:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/09/26 17:17	04/13/26 01:39	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/09/26 17:17	04/13/26 01:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 30 (0.5')

Lab Sample ID: 880-70752-30

Date Collected: 04/08/26 13:18

Matrix: Solid

Date Received: 04/08/26 17:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/13/26 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/26 22:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/26 10:21	04/10/26 22:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/09/26 10:21	04/10/26 22:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/26 10:21	04/10/26 22:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				04/09/26 10:21	04/10/26 22:01	1
o-Terphenyl (Surr)	114		70 - 130				04/09/26 10:21	04/10/26 22:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.5		10.1		mg/Kg			04/10/26 20:25	1

Client Sample ID: CS - 31 (0.5')

Lab Sample ID: 880-70752-31

Date Collected: 04/08/26 13:20

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 03:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 03:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 03:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/09/26 17:17	04/13/26 03:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 03:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/09/26 17:17	04/13/26 03:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/09/26 17:17	04/13/26 03:02	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/09/26 17:17	04/13/26 03:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/26 03:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 22:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/10/26 22:42	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/10/26 22:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 31 (0.5')

Lab Sample ID: 880-70752-31

Date Collected: 04/08/26 13:20

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/10/26 22:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130				04/09/26 10:21	04/10/26 22:42	1
o-Terphenyl (Surr)	114		70 - 130				04/09/26 10:21	04/10/26 22:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.8		10.0		mg/Kg			04/10/26 20:30	1

Client Sample ID: CS - 32 (0.5')

Lab Sample ID: 880-70752-32

Date Collected: 04/08/26 13:22

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:17	04/13/26 03:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:17	04/13/26 03:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:17	04/13/26 03:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/09/26 17:17	04/13/26 03:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:17	04/13/26 03:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/09/26 17:17	04/13/26 03:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				04/09/26 17:17	04/13/26 03:22	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/09/26 17:17	04/13/26 03:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/26 03:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/10/26 23:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/09/26 10:21	04/10/26 23:03	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/26 10:21	04/10/26 23:03	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/26 10:21	04/10/26 23:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130				04/09/26 10:21	04/10/26 23:03	1
o-Terphenyl (Surr)	129		70 - 130				04/09/26 10:21	04/10/26 23:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.7		10.1		mg/Kg			04/10/26 20:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 33 (0.5')

Lab Sample ID: 880-70752-33

Date Collected: 04/08/26 13:24

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:17	04/13/26 03:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:17	04/13/26 03:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:17	04/13/26 03:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/09/26 17:17	04/13/26 03:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:17	04/13/26 03:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/09/26 17:17	04/13/26 03:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/09/26 17:17	04/13/26 03:43	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/09/26 17:17	04/13/26 03:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/26 03:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 23:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 10:21	04/10/26 23:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 10:21	04/10/26 23:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 10:21	04/10/26 23:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	04/09/26 10:21	04/10/26 23:24	1
o-Terphenyl (Surr)	111		70 - 130	04/09/26 10:21	04/10/26 23:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.4		10.0		mg/Kg			04/10/26 20:51	1

Client Sample ID: CS - 34 (0.5')

Lab Sample ID: 880-70752-34

Date Collected: 04/08/26 13:26

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:17	04/13/26 04:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:17	04/13/26 04:03	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:17	04/13/26 04:03	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/09/26 17:17	04/13/26 04:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:17	04/13/26 04:03	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/09/26 17:17	04/13/26 04:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/09/26 17:17	04/13/26 04:03	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/09/26 17:17	04/13/26 04:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 34 (0.5')

Lab Sample ID: 880-70752-34

Date Collected: 04/08/26 13:26

Matrix: Solid

Date Received: 04/08/26 17:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/13/26 04:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/26 23:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/26 10:21	04/10/26 23:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/09/26 10:21	04/10/26 23:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/26 10:21	04/10/26 23:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				04/09/26 10:21	04/10/26 23:44	1
o-Terphenyl (Surr)	116		70 - 130				04/09/26 10:21	04/10/26 23:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			04/10/26 21:07	1

Client Sample ID: CS - 35 (0.5')

Lab Sample ID: 880-70752-35

Date Collected: 04/08/26 13:28

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 04:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 04:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 04:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/09/26 17:17	04/13/26 04:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 04:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/09/26 17:17	04/13/26 04:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/09/26 17:17	04/13/26 04:24	1
1,4-Difluorobenzene (Surr)	101		70 - 130				04/09/26 17:17	04/13/26 04:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/13/26 04:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/11/26 00:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/09/26 10:21	04/11/26 00:04	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/09/26 10:21	04/11/26 00:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 35 (0.5')

Lab Sample ID: 880-70752-35

Date Collected: 04/08/26 13:28

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/09/26 10:21	04/11/26 00:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				04/09/26 10:21	04/11/26 00:04	1
o-Terphenyl (Surr)	111		70 - 130				04/09/26 10:21	04/11/26 00:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.7		10.1		mg/Kg			04/10/26 21:12	1

Client Sample ID: CS - 36 (0.5')

Lab Sample ID: 880-70752-36

Date Collected: 04/08/26 13:30

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 04:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 04:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 04:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/09/26 17:17	04/13/26 04:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 04:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/09/26 17:17	04/13/26 04:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/09/26 17:17	04/13/26 04:45	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/09/26 17:17	04/13/26 04:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/26 04:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/11/26 00:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/09/26 10:21	04/11/26 00:25	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/09/26 10:21	04/11/26 00:25	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/09/26 10:21	04/11/26 00:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130				04/09/26 10:21	04/11/26 00:25	1
o-Terphenyl (Surr)	125		70 - 130				04/09/26 10:21	04/11/26 00:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.4		9.98		mg/Kg			04/10/26 21:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 37 (0.5')

Lab Sample ID: 880-70752-37

Date Collected: 04/08/26 13:32

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:17	04/13/26 05:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:17	04/13/26 05:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:17	04/13/26 05:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/09/26 17:17	04/13/26 05:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:17	04/13/26 05:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/09/26 17:17	04/13/26 05:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/09/26 17:17	04/13/26 05:05	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/09/26 17:17	04/13/26 05:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/26 05:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/11/26 00:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/11/26 00:45	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/11/26 00:45	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/11/26 00:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130	04/09/26 10:21	04/11/26 00:45	1
o-Terphenyl (Surr)	113		70 - 130	04/09/26 10:21	04/11/26 00:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.1		10.1		mg/Kg			04/10/26 21:23	1

Client Sample ID: CS - 38 (0.5')

Lab Sample ID: 880-70752-38

Date Collected: 04/08/26 13:34

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:17	04/13/26 05:26	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:17	04/13/26 05:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:17	04/13/26 05:26	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/09/26 17:17	04/13/26 05:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:17	04/13/26 05:26	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/09/26 17:17	04/13/26 05:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/09/26 17:17	04/13/26 05:26	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/09/26 17:17	04/13/26 05:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 38 (0.5')

Lab Sample ID: 880-70752-38

Date Collected: 04/08/26 13:34

Matrix: Solid

Date Received: 04/08/26 17:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/13/26 05:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/11/26 01:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/09/26 10:21	04/11/26 01:05	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/09/26 10:21	04/11/26 01:05	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/09/26 10:21	04/11/26 01:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	121		70 - 130				04/09/26 10:21	04/11/26 01:05	1
o-Terphenyl (Surr)	127		70 - 130				04/09/26 10:21	04/11/26 01:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.3		10.1		mg/Kg			04/10/26 21:28	1

Client Sample ID: CS - 39 (0.5')

Lab Sample ID: 880-70752-39

Date Collected: 04/08/26 13:36

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:17	04/13/26 05:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:17	04/13/26 05:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:17	04/13/26 05:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/09/26 17:17	04/13/26 05:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:17	04/13/26 05:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/09/26 17:17	04/13/26 05:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				04/09/26 17:17	04/13/26 05:46	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/09/26 17:17	04/13/26 05:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/26 05:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/11/26 01:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/09/26 10:21	04/11/26 01:26	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/09/26 10:21	04/11/26 01:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 39 (0.5')

Lab Sample ID: 880-70752-39

Date Collected: 04/08/26 13:36

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/09/26 10:21	04/11/26 01:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				04/09/26 10:21	04/11/26 01:26	1
o-Terphenyl (Surr)	134	S1+	70 - 130				04/09/26 10:21	04/11/26 01:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.3		9.96		mg/Kg			04/10/26 21:33	1

Client Sample ID: CS - 40 (0.5')

Lab Sample ID: 880-70752-40

Date Collected: 04/08/26 13:38

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 06:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 06:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 06:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/09/26 17:17	04/13/26 06:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/13/26 06:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/09/26 17:17	04/13/26 06:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/09/26 17:17	04/13/26 06:07	1
1,4-Difluorobenzene (Surr)	101		70 - 130				04/09/26 17:17	04/13/26 06:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/13/26 06:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/11/26 01:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/11/26 01:47	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/11/26 01:47	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:21	04/11/26 01:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				04/09/26 10:21	04/11/26 01:47	1
o-Terphenyl (Surr)	111		70 - 130				04/09/26 10:21	04/11/26 01:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.6		10.1		mg/Kg			04/10/26 21:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 41 (0.5')

Lab Sample ID: 880-70752-41

Date Collected: 04/08/26 13:40

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/13/26 22:54	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		04/09/26 17:19	04/13/26 22:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/13/26 22:54	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		04/09/26 17:19	04/13/26 22:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/13/26 22:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/09/26 17:19	04/13/26 22:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/09/26 17:19	04/13/26 22:54	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/09/26 17:19	04/13/26 22:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/13/26 22:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	246		50.0		mg/Kg			04/10/26 18:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2 F1	50.0		mg/Kg		04/09/26 10:23	04/10/26 18:18	1
Diesel Range Organics (Over C10-C28)	151	F1	50.0		mg/Kg		04/09/26 10:23	04/10/26 18:18	1
Oil Range Organics (Over C28-C36)	95.4		50.0		mg/Kg		04/09/26 10:23	04/10/26 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130	04/09/26 10:23	04/10/26 18:18	1
o-Terphenyl (Surr)	116		70 - 130	04/09/26 10:23	04/10/26 18:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.9		9.94		mg/Kg			04/10/26 17:29	1

Client Sample ID: CS - 42 (0.5')

Lab Sample ID: 880-70752-42

Date Collected: 04/08/26 13:42

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:19	04/13/26 23:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:19	04/13/26 23:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:19	04/13/26 23:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/09/26 17:19	04/13/26 23:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:19	04/13/26 23:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/09/26 17:19	04/13/26 23:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/09/26 17:19	04/13/26 23:14	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/09/26 17:19	04/13/26 23:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 42 (0.5')

Lab Sample ID: 880-70752-42

Date Collected: 04/08/26 13:42

Matrix: Solid

Date Received: 04/08/26 17:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/13/26 23:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 19:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 10:23	04/10/26 19:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 10:23	04/10/26 19:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 10:23	04/10/26 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				04/09/26 10:23	04/10/26 19:19	1
o-Terphenyl (Surr)	95		70 - 130				04/09/26 10:23	04/10/26 19:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.5		10.1		mg/Kg			04/10/26 17:45	1

Client Sample ID: CS - 43 (0.5')

Lab Sample ID: 880-70752-43

Date Collected: 04/08/26 13:44

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:19	04/13/26 23:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:19	04/13/26 23:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:19	04/13/26 23:35	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/09/26 17:19	04/13/26 23:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:19	04/13/26 23:35	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/09/26 17:19	04/13/26 23:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/09/26 17:19	04/13/26 23:35	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/09/26 17:19	04/13/26 23:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/13/26 23:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/10/26 19:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/09/26 10:23	04/10/26 19:39	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/09/26 10:23	04/10/26 19:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 43 (0.5')

Lab Sample ID: 880-70752-43

Date Collected: 04/08/26 13:44

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/09/26 10:23	04/10/26 19:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				04/09/26 10:23	04/10/26 19:39	1
o-Terphenyl (Surr)	91		70 - 130				04/09/26 10:23	04/10/26 19:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.4		10.1		mg/Kg			04/10/26 17:50	1

Client Sample ID: CS - 44 (0.5')

Lab Sample ID: 880-70752-44

Date Collected: 04/08/26 13:46

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:19	04/13/26 23:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:19	04/13/26 23:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:19	04/13/26 23:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/09/26 17:19	04/13/26 23:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:19	04/13/26 23:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/09/26 17:19	04/13/26 23:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/09/26 17:19	04/13/26 23:56	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/09/26 17:19	04/13/26 23:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/13/26 23:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 19:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 10:23	04/10/26 19:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 10:23	04/10/26 19:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 10:23	04/10/26 19:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130				04/09/26 10:23	04/10/26 19:59	1
o-Terphenyl (Surr)	101		70 - 130				04/09/26 10:23	04/10/26 19:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.0		10.0		mg/Kg			04/10/26 17:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 45 (0.5')

Lab Sample ID: 880-70752-45

Date Collected: 04/08/26 13:48

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/14/26 00:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/14/26 00:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/14/26 00:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/09/26 17:19	04/14/26 00:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/14/26 00:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/09/26 17:19	04/14/26 00:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/09/26 17:19	04/14/26 00:16	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/09/26 17:19	04/14/26 00:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/14/26 00:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 20:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 10:23	04/10/26 20:19	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:23	04/10/26 20:19	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:23	04/10/26 20:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	04/09/26 10:23	04/10/26 20:19	1
o-Terphenyl (Surr)	97		70 - 130	04/09/26 10:23	04/10/26 20:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.3		10.1		mg/Kg			04/10/26 18:01	1

Client Sample ID: CS - 46 (0.5')

Lab Sample ID: 880-70752-46

Date Collected: 04/08/26 13:50

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:19	04/14/26 00:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:19	04/14/26 00:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:19	04/14/26 00:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/09/26 17:19	04/14/26 00:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:19	04/14/26 00:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/09/26 17:19	04/14/26 00:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/09/26 17:19	04/14/26 00:37	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/09/26 17:19	04/14/26 00:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 46 (0.5')

Lab Sample ID: 880-70752-46

Date Collected: 04/08/26 13:50

Matrix: Solid

Date Received: 04/08/26 17:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/14/26 00:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/10/26 20:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/09/26 10:23	04/10/26 20:40	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/09/26 10:23	04/10/26 20:40	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/09/26 10:23	04/10/26 20:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				04/09/26 10:23	04/10/26 20:40	1
o-Terphenyl (Surr)	98		70 - 130				04/09/26 10:23	04/10/26 20:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.6		10.1		mg/Kg			04/10/26 18:16	1

Client Sample ID: CS - 47 (0.5')

Lab Sample ID: 880-70752-47

Date Collected: 04/08/26 13:52

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:19	04/14/26 00:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:19	04/14/26 00:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:19	04/14/26 00:58	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/09/26 17:19	04/14/26 00:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:19	04/14/26 00:58	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/09/26 17:19	04/14/26 00:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				04/09/26 17:19	04/14/26 00:58	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/09/26 17:19	04/14/26 00:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/14/26 00:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 21:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 10:23	04/10/26 21:00	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:23	04/10/26 21:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 47 (0.5')

Lab Sample ID: 880-70752-47

Date Collected: 04/08/26 13:52

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:23	04/10/26 21:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				04/09/26 10:23	04/10/26 21:00	1
o-Terphenyl (Surr)	95		70 - 130				04/09/26 10:23	04/10/26 21:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.6		10.1		mg/Kg			04/10/26 18:22	1

Client Sample ID: CS - 48 (0.5')

Lab Sample ID: 880-70752-48

Date Collected: 04/08/26 13:54

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:19	04/14/26 01:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:19	04/14/26 01:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:19	04/14/26 01:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/09/26 17:19	04/14/26 01:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:19	04/14/26 01:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/09/26 17:19	04/14/26 01:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/09/26 17:19	04/14/26 01:18	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/09/26 17:19	04/14/26 01:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/26 01:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/10/26 21:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/09/26 10:23	04/10/26 21:21	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/09/26 10:23	04/10/26 21:21	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/09/26 10:23	04/10/26 21:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				04/09/26 10:23	04/10/26 21:21	1
o-Terphenyl (Surr)	92		70 - 130				04/09/26 10:23	04/10/26 21:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.5		10.0		mg/Kg			04/10/26 18:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 49 (0.5')

Lab Sample ID: 880-70752-49

Date Collected: 04/08/26 13:56

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:19	04/14/26 01:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:19	04/14/26 01:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:19	04/14/26 01:39	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/09/26 17:19	04/14/26 01:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:19	04/14/26 01:39	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/09/26 17:19	04/14/26 01:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/09/26 17:19	04/14/26 01:39	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/09/26 17:19	04/14/26 01:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/14/26 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 21:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 10:23	04/10/26 21:41	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:23	04/10/26 21:41	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:23	04/10/26 21:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130	04/09/26 10:23	04/10/26 21:41	1
o-Terphenyl (Surr)	86		70 - 130	04/09/26 10:23	04/10/26 21:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.8		10.0		mg/Kg			04/10/26 18:32	1

Client Sample ID: CS - 50 (0.5')

Lab Sample ID: 880-70752-50

Date Collected: 04/08/26 13:58

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/14/26 02:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/14/26 02:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/14/26 02:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/09/26 17:19	04/14/26 02:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/14/26 02:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/09/26 17:19	04/14/26 02:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/09/26 17:19	04/14/26 02:00	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/09/26 17:19	04/14/26 02:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 50 (0.5')

Lab Sample ID: 880-70752-50

Date Collected: 04/08/26 13:58

Matrix: Solid

Date Received: 04/08/26 17:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/14/26 02:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/26 22:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/26 10:23	04/10/26 22:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/09/26 10:23	04/10/26 22:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/26 10:23	04/10/26 22:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				04/09/26 10:23	04/10/26 22:01	1
o-Terphenyl (Surr)	95		70 - 130				04/09/26 10:23	04/10/26 22:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.3		9.96		mg/Kg			04/10/26 18:37	1

Client Sample ID: CS - 51 (0.5')

Lab Sample ID: 880-70752-51

Date Collected: 04/08/26 14:00

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:19	04/14/26 03:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:19	04/14/26 03:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:19	04/14/26 03:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/09/26 17:19	04/14/26 03:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/09/26 17:19	04/14/26 03:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/09/26 17:19	04/14/26 03:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				04/09/26 17:19	04/14/26 03:23	1
1,4-Difluorobenzene (Surr)	104		70 - 130				04/09/26 17:19	04/14/26 03:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/14/26 03:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/26 22:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 10:23	04/10/26 22:42	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:23	04/10/26 22:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 51 (0.5')

Lab Sample ID: 880-70752-51

Date Collected: 04/08/26 14:00

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:23	04/10/26 22:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130				04/09/26 10:23	04/10/26 22:42	1
o-Terphenyl (Surr)	116		70 - 130				04/09/26 10:23	04/10/26 22:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.8		10.0		mg/Kg			04/10/26 18:43	1

Client Sample ID: CS - 52 (0.5')

Lab Sample ID: 880-70752-52

Date Collected: 04/08/26 14:02

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:19	04/14/26 03:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:19	04/14/26 03:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:19	04/14/26 03:43	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/09/26 17:19	04/14/26 03:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/09/26 17:19	04/14/26 03:43	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/09/26 17:19	04/14/26 03:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				04/09/26 17:19	04/14/26 03:43	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/09/26 17:19	04/14/26 03:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/14/26 03:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/10/26 23:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/09/26 10:23	04/10/26 23:03	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/09/26 10:23	04/10/26 23:03	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/09/26 10:23	04/10/26 23:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130				04/09/26 10:23	04/10/26 23:03	1
o-Terphenyl (Surr)	83		70 - 130				04/09/26 10:23	04/10/26 23:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.6		9.96		mg/Kg			04/10/26 18:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexiico

Client Sample ID: CS - 53 (0.5')

Lab Sample ID: 880-70752-53

Date Collected: 04/08/26 14:04

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:19	04/14/26 04:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:19	04/14/26 04:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:19	04/14/26 04:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/09/26 17:19	04/14/26 04:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/09/26 17:19	04/14/26 04:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/09/26 17:19	04/14/26 04:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/09/26 17:19	04/14/26 04:04	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/09/26 17:19	04/14/26 04:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/14/26 04:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/26 23:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 10:23	04/10/26 23:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 10:23	04/10/26 23:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 10:23	04/10/26 23:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	04/09/26 10:23	04/10/26 23:24	1
o-Terphenyl (Surr)	102		70 - 130	04/09/26 10:23	04/10/26 23:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.0		10.1		mg/Kg			04/10/26 19:04	1

Client Sample ID: CS - 54 (0.5')

Lab Sample ID: 880-70752-54

Date Collected: 04/08/26 14:06

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:19	04/14/26 04:25	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:19	04/14/26 04:25	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:19	04/14/26 04:25	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/09/26 17:19	04/14/26 04:25	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/09/26 17:19	04/14/26 04:25	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/09/26 17:19	04/14/26 04:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/09/26 17:19	04/14/26 04:25	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/09/26 17:19	04/14/26 04:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 54 (0.5')

Lab Sample ID: 880-70752-54

Date Collected: 04/08/26 14:06

Matrix: Solid

Date Received: 04/08/26 17:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/14/26 04:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/10/26 23:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/09/26 10:23	04/10/26 23:44	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/09/26 10:23	04/10/26 23:44	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/09/26 10:23	04/10/26 23:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130				04/09/26 10:23	04/10/26 23:44	1
o-Terphenyl (Surr)	104		70 - 130				04/09/26 10:23	04/10/26 23:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.8		10.1		mg/Kg			04/10/26 19:19	1

Client Sample ID: CS - 55 (0.5')

Lab Sample ID: 880-70752-55

Date Collected: 04/08/26 14:08

Matrix: Solid

Date Received: 04/08/26 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/14/26 04:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/14/26 04:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/14/26 04:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/09/26 17:19	04/14/26 04:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/14/26 04:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/09/26 17:19	04/14/26 04:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/09/26 17:19	04/14/26 04:45	1
1,4-Difluorobenzene (Surr)	101		70 - 130				04/09/26 17:19	04/14/26 04:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/14/26 04:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/11/26 00:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/26 10:23	04/11/26 00:04	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/26 10:23	04/11/26 00:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 55 (0.5')
Date Collected: 04/08/26 14:08
Date Received: 04/08/26 17:08

Lab Sample ID: 880-70752-55
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/26 10:23	04/11/26 00:04	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	121		70 - 130				04/09/26 10:23	04/11/26 00:04	1	
o-Terphenyl (Surr)	105		70 - 130				04/09/26 10:23	04/11/26 00:04	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	12.0		9.90		mg/Kg			04/10/26 19:25	1	

Surrogate Summary

Client: Carmona Resources

Job ID: 880-70752-1

Project/Site: Keohane Federal Com 1 CTB

SDG: Lea county New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-70752-1	CS - 1 (0.5')	103	95
880-70752-1 MS	CS - 1 (0.5')	109	108
880-70752-1 MSD	CS - 1 (0.5')	252 S1+	125
880-70752-2	CS - 2 (0.5')	108	94
880-70752-3	CS - 3 (0.5')	109	96
880-70752-4	CS - 4 (0.5')	106	94
880-70752-5	CS - 5 (0.5')	126	104
880-70752-6	CS - 6 (0.5')	126	98
880-70752-7	CS - 7 (0.5')	107	84
880-70752-8	CS - 8 (0.5')	128	99
880-70752-9	CS - 9 (0.5')	124	98
880-70752-10	CS - 10 (0.5')	141 S1+	97
880-70752-11	CS - 11 (0.5')	101	90
880-70752-12	CS - 12 (0.5')	133 S1+	110
880-70752-13	CS - 13 (0.5')	122	95
880-70752-14	CS - 14 (0.5')	133 S1+	106
880-70752-15	CS - 15 (0.5')	136 S1+	110
880-70752-16	CS - 16 (0.5')	117	97
880-70752-17	CS - 17 (0.5')	115	98
880-70752-18	CS - 18 (0.5')	125	100
880-70752-19	CS - 19 (0.5')	130	104
880-70752-20	CS - 20 (0.5')	149 S1+	112
880-70752-21	CS - 21 (0.5')	103	101
880-70752-21 MS	CS - 21 (0.5')	103	99
880-70752-21 MSD	CS - 21 (0.5')	103	99
880-70752-22	CS - 22 (0.5')	103	101
880-70752-23	CS - 23 (0.5')	108	101
880-70752-24	CS - 24 (0.5')	108	105
880-70752-25	CS - 25 (0.5')	110	103
880-70752-26	CS - 26 (0.5')	105	103
880-70752-27	CS - 27 (0.5')	106	105
880-70752-28	CS - 28 (0.5')	103	101
880-70752-29	CS - 29 (0.5')	102	100
880-70752-30	CS - 30 (0.5')	103	102
880-70752-31	CS - 31 (0.5')	101	100
880-70752-32	CS - 32 (0.5')	103	97
880-70752-33	CS - 33 (0.5')	99	100
880-70752-34	CS - 34 (0.5')	103	96
880-70752-35	CS - 35 (0.5')	104	101
880-70752-36	CS - 36 (0.5')	102	95
880-70752-37	CS - 37 (0.5')	101	95
880-70752-38	CS - 38 (0.5')	105	100
880-70752-39	CS - 39 (0.5')	99	92
880-70752-40	CS - 40 (0.5')	101	101
880-70752-41	CS - 41 (0.5')	100	100
880-70752-41 MS	CS - 41 (0.5')	102	100
880-70752-41 MSD	CS - 41 (0.5')	100	101
880-70752-42	CS - 42 (0.5')	104	97
880-70752-43	CS - 43 (0.5')	104	98

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-70752-1

Project/Site: Keohane Federal Com 1 CTB

SDG: Lea county New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-70752-44	CS - 44 (0.5')	104	95
880-70752-45	CS - 45 (0.5')	97	98
880-70752-46	CS - 46 (0.5')	103	103
880-70752-47	CS - 47 (0.5')	100	98
880-70752-48	CS - 48 (0.5')	104	100
880-70752-49	CS - 49 (0.5')	104	100
880-70752-50	CS - 50 (0.5')	100	100
880-70752-51	CS - 51 (0.5')	105	104
880-70752-52	CS - 52 (0.5')	100	97
880-70752-53	CS - 53 (0.5')	104	101
880-70752-54	CS - 54 (0.5')	104	97
880-70752-55	CS - 55 (0.5')	104	101
LCS 880-137379/1-A	Lab Control Sample	100	120
LCS 880-137380/1-A	Lab Control Sample	98	99
LCS 880-137381/1-A	Lab Control Sample	106	104
LCSD 880-137379/2-A	Lab Control Sample Dup	106	104
LCSD 880-137380/2-A	Lab Control Sample Dup	106	96
LCSD 880-137381/2-A	Lab Control Sample Dup	101	97
MB 880-137379/5-A	Method Blank	218 S1+	118
MB 880-137380/5-A	Method Blank	94	96
MB 880-137381/5-A	Method Blank	101	101
MB 880-137512/5-A	Method Blank	97	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-70752-1	CS - 1 (0.5')	75	94
880-70752-1 MS	CS - 1 (0.5')	89	93
880-70752-1 MSD	CS - 1 (0.5')	89	93
880-70752-2	CS - 2 (0.5')	76	90
880-70752-3	CS - 3 (0.5')	74	87
880-70752-4	CS - 4 (0.5')	85	101
880-70752-5	CS - 5 (0.5')	81	95
880-70752-6	CS - 6 (0.5')	79	93
880-70752-7	CS - 7 (0.5')	82	96
880-70752-8	CS - 8 (0.5')	85	96
880-70752-9	CS - 9 (0.5')	82	93
880-70752-10	CS - 10 (0.5')	78	91
880-70752-11	CS - 11 (0.5')	80	91
880-70752-12	CS - 12 (0.5')	76	89
880-70752-13	CS - 13 (0.5')	78	90
880-70752-14	CS - 14 (0.5')	82	99
880-70752-15	CS - 15 (0.5')	82	96
880-70752-16	CS - 16 (0.5')	72	82

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-70752-1

Project/Site: Keohane Federal Com 1 CTB

SDG: Lea county New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-70752-17	CS - 17 (0.5')	86	101
880-70752-18	CS - 18 (0.5')	78	92
880-70752-19	CS - 19 (0.5')	80	92
880-70752-20	CS - 20 (0.5')	77	87
880-70752-21	CS - 21 (0.5')	96	127
880-70752-21 MS	CS - 21 (0.5')	102	114
880-70752-21 MSD	CS - 21 (0.5')	91	113
880-70752-22	CS - 22 (0.5')	130	140 S1+
880-70752-23	CS - 23 (0.5')	98	124
880-70752-24	CS - 24 (0.5')	111	116
880-70752-25	CS - 25 (0.5')	107	114
880-70752-26	CS - 26 (0.5')	106	110
880-70752-27	CS - 27 (0.5')	122	127
880-70752-28	CS - 28 (0.5')	122	140 S1+
880-70752-29	CS - 29 (0.5')	120	118
880-70752-30	CS - 30 (0.5')	107	114
880-70752-31	CS - 31 (0.5')	112	114
880-70752-32	CS - 32 (0.5')	112	129
880-70752-33	CS - 33 (0.5')	108	111
880-70752-34	CS - 34 (0.5')	104	116
880-70752-35	CS - 35 (0.5')	103	111
880-70752-36	CS - 36 (0.5')	114	125
880-70752-37	CS - 37 (0.5')	109	113
880-70752-38	CS - 38 (0.5')	121	127
880-70752-39	CS - 39 (0.5')	111	134 S1+
880-70752-40	CS - 40 (0.5')	108	111
880-70752-41	CS - 41 (0.5')	97	116
880-70752-41 MS	CS - 41 (0.5')	70	71
880-70752-41 MSD	CS - 41 (0.5')	69 S1-	68 S1-
880-70752-42	CS - 42 (0.5')	92	95
880-70752-43	CS - 43 (0.5')	87	91
880-70752-44	CS - 44 (0.5')	105	101
880-70752-45	CS - 45 (0.5')	104	97
880-70752-46	CS - 46 (0.5')	102	98
880-70752-47	CS - 47 (0.5')	96	95
880-70752-48	CS - 48 (0.5')	98	92
880-70752-49	CS - 49 (0.5')	81	86
880-70752-50	CS - 50 (0.5')	91	95
880-70752-51	CS - 51 (0.5')	127	116
880-70752-52	CS - 52 (0.5')	77	83
880-70752-53	CS - 53 (0.5')	106	102
880-70752-54	CS - 54 (0.5')	125	104
880-70752-55	CS - 55 (0.5')	121	105
LCS 880-137308/2-A	Lab Control Sample	97	94
LCS 880-137309/2-A	Lab Control Sample	106	102
LCS 880-137310/2-A	Lab Control Sample	90	90
LCSD 880-137308/3-A	Lab Control Sample Dup	95	93
LCSD 880-137309/3-A	Lab Control Sample Dup	106	117
LCSD 880-137310/3-A	Lab Control Sample Dup	89	90
MB 880-137308/1-A	Method Blank	85	95

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Surrogate Summary

Client: Carmona Resources

Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1

SDG: Lea county New Mexiico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
MB 880-137309/1-A	Method Blank	80	110
MB 880-137310/1-A	Method Blank	77	83
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-137379/5-A

Matrix: Solid

Analysis Batch: 137499

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137379

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 12:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 12:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 12:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/09/26 17:13	04/13/26 12:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:13	04/13/26 12:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/09/26 17:13	04/13/26 12:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	218	S1+	70 - 130	04/09/26 17:13	04/13/26 12:21	1
1,4-Difluorobenzene (Surr)	118		70 - 130	04/09/26 17:13	04/13/26 12:21	1

Lab Sample ID: LCS 880-137379/1-A

Matrix: Solid

Analysis Batch: 137499

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 137379

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09324		mg/Kg		93	70 - 130
Toluene	0.100	0.08861		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09091		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1827		mg/Kg		91	70 - 130
o-Xylene	0.100	0.1016		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	120		70 - 130

Lab Sample ID: LCSD 880-137379/2-A

Matrix: Solid

Analysis Batch: 137499

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 137379

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08993		mg/Kg		90	70 - 130	4	35
Toluene	0.100	0.07973		mg/Kg		80	70 - 130	11	35
Ethylbenzene	0.100	0.08276		mg/Kg		83	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1697		mg/Kg		85	70 - 130	7	35
o-Xylene	0.100	0.09564		mg/Kg		96	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-70752-1 MS

Matrix: Solid

Analysis Batch: 137499

Client Sample ID: CS - 1 (0.5')

Prep Type: Total/NA

Prep Batch: 137379

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.08749		mg/Kg		87	70 - 130
Toluene	<0.00200	U F1	0.100	0.07871		mg/Kg		79	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

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

Lab Sample ID: 880-70752-1 MS

Matrix: Solid

Analysis Batch: 137499

Client Sample ID: CS - 1 (0.5')

Prep Type: Total/NA

Prep Batch: 137379

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1 F2	0.100	0.08203		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.1647		mg/Kg		82	70 - 130
o-Xylene	<0.00200	U F1 F2	0.100	0.09384		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-70752-1 MSD

Matrix: Solid

Analysis Batch: 137499

Client Sample ID: CS - 1 (0.5')

Prep Type: Total/NA

Prep Batch: 137379

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Toluene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.003829	F1 F2	mg/Kg		4	70 - 130	182	35
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.009883	F1 F2	mg/Kg		5	70 - 130	177	35
o-Xylene	<0.00200	U F1 F2	0.100	0.006032	F1 F2	mg/Kg		6	70 - 130	176	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	252	S1+	70 - 130
1,4-Difluorobenzene (Surr)	125		70 - 130

Lab Sample ID: MB 880-137380/5-A

Matrix: Solid

Analysis Batch: 137500

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137380

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/12/26 22:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/12/26 22:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/12/26 22:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/09/26 17:17	04/12/26 22:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:17	04/12/26 22:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/09/26 17:17	04/12/26 22:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	04/09/26 17:17	04/12/26 22:11	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/09/26 17:17	04/12/26 22:11	1

Lab Sample ID: LCS 880-137380/1-A

Matrix: Solid

Analysis Batch: 137500

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 137380

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08968		mg/Kg		90	70 - 130
Toluene	0.100	0.08888		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.08867		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.200	0.1784		mg/Kg		89	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

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

Lab Sample ID: LCS 880-137380/1-A

Matrix: Solid

Analysis Batch: 137500

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 137380

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08956		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-137380/2-A

Matrix: Solid

Analysis Batch: 137500

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 137380

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08860		mg/Kg		89	70 - 130	1	35
Toluene	0.100	0.09057		mg/Kg		91	70 - 130	2	35
Ethylbenzene	0.100	0.09029		mg/Kg		90	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1874		mg/Kg		94	70 - 130	5	35
o-Xylene	0.100	0.09601		mg/Kg		96	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-70752-21 MS

Matrix: Solid

Analysis Batch: 137500

Client Sample ID: CS - 21 (0.5')

Prep Type: Total/NA

Prep Batch: 137380

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08389		mg/Kg		84	70 - 130
Toluene	<0.00200	U	0.100	0.08382		mg/Kg		84	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08227		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1655		mg/Kg		83	70 - 130
o-Xylene	<0.00200	U	0.100	0.08567		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-70752-21 MSD

Matrix: Solid

Analysis Batch: 137500

Client Sample ID: CS - 21 (0.5')

Prep Type: Total/NA

Prep Batch: 137380

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09680		mg/Kg		97	70 - 130	14	35
Toluene	<0.00200	U	0.100	0.09175		mg/Kg		92	70 - 130	9	35
Ethylbenzene	<0.00200	U	0.100	0.08959		mg/Kg		90	70 - 130	9	35
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1798		mg/Kg		90	70 - 130	8	35
o-Xylene	<0.00200	U	0.100	0.09063		mg/Kg		91	70 - 130	6	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

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

Lab Sample ID: 880-70752-21 MSD

Matrix: Solid

Analysis Batch: 137500

Client Sample ID: CS - 21 (0.5')

Prep Type: Total/NA

Prep Batch: 137380

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-137381/5-A

Matrix: Solid

Analysis Batch: 137514

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137381

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/13/26 22:32	1	
Toluene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/13/26 22:32	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/13/26 22:32	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/09/26 17:19	04/13/26 22:32	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/09/26 17:19	04/13/26 22:32	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/09/26 17:19	04/13/26 22:32	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/09/26 17:19	04/13/26 22:32	1	
1,4-Difluorobenzene (Surr)	101		70 - 130				04/09/26 17:19	04/13/26 22:32	1	

Lab Sample ID: LCS 880-137381/1-A

Matrix: Solid

Analysis Batch: 137514

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 137381

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.08018		mg/Kg		80	70 - 130			
Toluene	0.100	0.08548		mg/Kg		85	70 - 130			
Ethylbenzene	0.100	0.08675		mg/Kg		87	70 - 130			
m-Xylene & p-Xylene	0.200	0.1777		mg/Kg		89	70 - 130			
o-Xylene	0.100	0.09122		mg/Kg		91	70 - 130			
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	106		70 - 130							
1,4-Difluorobenzene (Surr)	104		70 - 130							

Lab Sample ID: LCSD 880-137381/2-A

Matrix: Solid

Analysis Batch: 137514

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 137381

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.09167		mg/Kg		92	70 - 130	13	35	
Toluene	0.100	0.09005		mg/Kg		90	70 - 130	5	35	
Ethylbenzene	0.100	0.08948		mg/Kg		89	70 - 130	3	35	
m-Xylene & p-Xylene	0.200	0.1759		mg/Kg		88	70 - 130	1	35	
o-Xylene	0.100	0.09069		mg/Kg		91	70 - 130	1	35	
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	101		70 - 130							

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

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

Lab Sample ID: LCSD 880-137381/2-A

Matrix: Solid

Analysis Batch: 137514

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 137381

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-70752-41 MS

Matrix: Solid

Analysis Batch: 137514

Client Sample ID: CS - 41 (0.5')

Prep Type: Total/NA

Prep Batch: 137381

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00200	U	0.100	0.07124		mg/Kg		71	70 - 130
Toluene	<0.00200	U F1	0.100	0.06926	F1	mg/Kg		69	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07021		mg/Kg		70	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1387	F1	mg/Kg		69	70 - 130
o-Xylene	<0.00200	U	0.100	0.07176		mg/Kg		72	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-70752-41 MSD

Matrix: Solid

Analysis Batch: 137514

Client Sample ID: CS - 41 (0.5')

Prep Type: Total/NA

Prep Batch: 137381

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.07685		mg/Kg		77	70 - 130	8	35
Toluene	<0.00200	U F1	0.100	0.07685		mg/Kg		77	70 - 130	10	35
Ethylbenzene	<0.00200	U	0.100	0.07667		mg/Kg		77	70 - 130	9	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1545		mg/Kg		77	70 - 130	11	35
o-Xylene	<0.00200	U	0.100	0.07839		mg/Kg		78	70 - 130	9	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-137512/5-A

Matrix: Solid

Analysis Batch: 137514

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137512

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:53	04/13/26 11:53	1	
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:53	04/13/26 11:53	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:53	04/13/26 11:53	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/13/26 08:53	04/13/26 11:53	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/26 08:53	04/13/26 11:53	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/13/26 08:53	04/13/26 11:53	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
4-Bromofluorobenzene (Surr)	97		70 - 130	04/13/26 08:53	04/13/26 11:53	1				
1,4-Difluorobenzene (Surr)	97		70 - 130	04/13/26 08:53	04/13/26 11:53	1				

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

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

Lab Sample ID: MB 880-137308/1-A

Matrix: Solid

Analysis Batch: 137396

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137308

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 16:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 16:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 10:17	04/10/26 16:50	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130				04/09/26 10:17	04/10/26 16:50	1
o-Terphenyl (Surr)	95		70 - 130				04/09/26 10:17	04/10/26 16:50	1

Lab Sample ID: LCS 880-137308/2-A

Matrix: Solid

Analysis Batch: 137396

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 137308

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1079		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1116		mg/Kg		112	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	97		70 - 130				
o-Terphenyl (Surr)	94		70 - 130				

Lab Sample ID: LCSD 880-137308/3-A

Matrix: Solid

Analysis Batch: 137396

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 137308

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1047		mg/Kg		105	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1115		mg/Kg		111	70 - 130	0	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	95		70 - 130						
o-Terphenyl (Surr)	93		70 - 130						

Lab Sample ID: 880-70752-1 MS

Matrix: Solid

Analysis Batch: 137396

Client Sample ID: CS - 1 (0.5')

Prep Type: Total/NA

Prep Batch: 137308

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	1000	559.1	F1	mg/Kg		56	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	734.2		mg/Kg		73	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

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

Lab Sample ID: 880-70752-1 MS

Matrix: Solid

Analysis Batch: 137396

Client Sample ID: CS - 1 (0.5')

Prep Type: Total/NA

Prep Batch: 137308

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: 880-70752-1 MSD

Matrix: Solid

Analysis Batch: 137396

Client Sample ID: CS - 1 (0.5')

Prep Type: Total/NA

Prep Batch: 137308

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	998	565.4	F1	mg/Kg		57	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.1	U	998	747.8		mg/Kg		75	70 - 130	2	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: MB 880-137309/1-A

Matrix: Solid

Analysis Batch: 137456

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137309

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 10:21	04/10/26 13:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 10:21	04/10/26 13:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 10:21	04/10/26 13:49	1

	MB	MB					Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	80		70 - 130				04/09/26 10:21	04/10/26 13:49	1
o-Terphenyl (Surr)	110		70 - 130				04/09/26 10:21	04/10/26 13:49	1

Lab Sample ID: LCS 880-137309/2-A

Matrix: Solid

Analysis Batch: 137456

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 137309

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	867.3		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1044		mg/Kg		104	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	106		70 - 130
o-Terphenyl (Surr)	102		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

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

Lab Sample ID: LCSD 880-137309/3-A

Matrix: Solid

Analysis Batch: 137456

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 137309

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	853.3		mg/Kg		85	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1117		mg/Kg		112	70 - 130	7	20
		LCSD %Recovery	LCSD Qualifier						
Surrogate				Limits					
1-Chlorooctane (Surr)		106		70 - 130					
o-Terphenyl (Surr)		117		70 - 130					

Lab Sample ID: 880-70752-21 MS

Matrix: Solid

Analysis Batch: 137456

Client Sample ID: CS - 21 (0.5')

Prep Type: Total/NA

Prep Batch: 137309

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	1000	496.7	F1	mg/Kg		50	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U F1	1000	680.5	F1	mg/Kg		66	70 - 130		
		MS %Recovery	MS Qualifier								
Surrogate				Limits							
1-Chlorooctane (Surr)		102		70 - 130							
o-Terphenyl (Surr)		114		70 - 130							

Lab Sample ID: 880-70752-21 MSD

Matrix: Solid

Analysis Batch: 137456

Client Sample ID: CS - 21 (0.5')

Prep Type: Total/NA

Prep Batch: 137309

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	995	451.5	F1	mg/Kg		45	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	<49.8	U F1	995	633.4	F1	mg/Kg		62	70 - 130	7	20
		MSD %Recovery	MSD Qualifier								
Surrogate				Limits							
1-Chlorooctane (Surr)		91		70 - 130							
o-Terphenyl (Surr)		113		70 - 130							

Lab Sample ID: MB 880-137310/1-A

Matrix: Solid

Analysis Batch: 137457

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137310

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/26 10:23	04/10/26 14:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/26 10:23	04/10/26 14:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/26 10:23	04/10/26 14:09	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

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

Lab Sample ID: MB 880-137310/1-A

Matrix: Solid

Analysis Batch: 137457

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 137310

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane (Surr)	77		70 - 130	04/09/26 10:23	04/10/26 14:09	1				
o-Terphenyl (Surr)	83		70 - 130	04/09/26 10:23	04/10/26 14:09	1				

Lab Sample ID: LCS 880-137310/2-A

Matrix: Solid

Analysis Batch: 137457

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 137310

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1096		mg/Kg		110	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1001		mg/Kg		100	70 - 130		

	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	90		70 - 130								
o-Terphenyl (Surr)	90		70 - 130								

Lab Sample ID: LCSD 880-137310/3-A

Matrix: Solid

Analysis Batch: 137457

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 137310

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	937.7		mg/Kg		94	70 - 130	16	20	
Diesel Range Organics (Over C10-C28)			1000	1011		mg/Kg		101	70 - 130	1	20	

	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane (Surr)	89		70 - 130									
o-Terphenyl (Surr)	90		70 - 130									

Lab Sample ID: 880-70752-41 MS

Matrix: Solid

Analysis Batch: 137457

Client Sample ID: CS - 41 (0.5')

Prep Type: Total/NA

Prep Batch: 137310

	Sample	Sample	Spike	MS	MS				%Rec			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2 F1	1000	489.7	F1	mg/Kg		45	70 - 130			
Diesel Range Organics (Over C10-C28)	151	F1	1000	402.5	F1	mg/Kg		25	70 - 130			

	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane (Surr)	70		70 - 130									
o-Terphenyl (Surr)	71		70 - 130									

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

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

Lab Sample ID: 880-70752-41 MSD

Matrix: Solid

Analysis Batch: 137457

Client Sample ID: CS - 41 (0.5')

Prep Type: Total/NA

Prep Batch: 137310

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2 F1	1000	1347	F1 F2	mg/Kg		131	70 - 130	93	20
Diesel Range Organics (Over C10-C28)	151	F1	1000	400.4	F1	mg/Kg		25	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	69	S1-	70 - 130								
o-Terphenyl (Surr)	68	S1-	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-137335/1-A

Matrix: Solid

Analysis Batch: 137350

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/10/26 19:01	1

Lab Sample ID: LCS 880-137335/2-A

Matrix: Solid

Analysis Batch: 137350

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	254.5		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-137335/3-A

Matrix: Solid

Analysis Batch: 137350

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	246.7		mg/Kg		99	90 - 110	3	20

Lab Sample ID: 880-70752-21 MS

Matrix: Solid

Analysis Batch: 137350

Client Sample ID: CS - 21 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	41.4		251	304.0		mg/Kg		105	90 - 110

Lab Sample ID: 880-70752-21 MSD

Matrix: Solid

Analysis Batch: 137350

Client Sample ID: CS - 21 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	41.4		251	296.2		mg/Kg		102	90 - 110	3	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-70752-31 MS

Matrix: Solid

Analysis Batch: 137350

Client Sample ID: CS - 31 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	41.8		250	292.6		mg/Kg		100	90 - 110		

Lab Sample ID: 880-70752-31 MSD

Matrix: Solid

Analysis Batch: 137350

Client Sample ID: CS - 31 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	41.8		250	283.9		mg/Kg		97	90 - 110	3	20

Lab Sample ID: MB 880-137333/1-A

Matrix: Solid

Analysis Batch: 137351

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/10/26 14:10	1

Lab Sample ID: LCS 880-137333/2-A

Matrix: Solid

Analysis Batch: 137351

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	244.5		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-137333/3-A

Matrix: Solid

Analysis Batch: 137351

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	244.4		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-70752-1 MS

Matrix: Solid

Analysis Batch: 137351

Client Sample ID: CS - 1 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	13.1		249	259.2		mg/Kg		99	90 - 110		

Lab Sample ID: 880-70752-1 MSD

Matrix: Solid

Analysis Batch: 137351

Client Sample ID: CS - 1 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	13.1		249	258.9		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-70752-11 MS

Matrix: Solid

Analysis Batch: 137351

Client Sample ID: CS - 11 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	14.7		249	248.9		mg/Kg		94	90 - 110		

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QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-70752-11 MSD

Matrix: Solid

Analysis Batch: 137351

Client Sample ID: CS - 11 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14.7		249	248.1		mg/Kg		94	90 - 110	0	20

Lab Sample ID: MB 880-137336/1-A

Matrix: Solid

Analysis Batch: 137409

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/10/26 17:14	1

Lab Sample ID: LCS 880-137336/2-A

Matrix: Solid

Analysis Batch: 137409

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.8		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-137336/3-A

Matrix: Solid

Analysis Batch: 137409

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	246.2		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-70752-41 MS

Matrix: Solid

Analysis Batch: 137409

Client Sample ID: CS - 41 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	34.9		249	282.4		mg/Kg		100	90 - 110

Lab Sample ID: 880-70752-41 MSD

Matrix: Solid

Analysis Batch: 137409

Client Sample ID: CS - 41 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	34.9		249	282.7		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-70752-51 MS

Matrix: Solid

Analysis Batch: 137409

Client Sample ID: CS - 51 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	43.8		251	295.9		mg/Kg		101	90 - 110

Lab Sample ID: 880-70752-51 MSD

Matrix: Solid

Analysis Batch: 137409

Client Sample ID: CS - 51 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	43.8		251	295.2		mg/Kg		100	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

GC VOA

Prep Batch: 137379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-1	CS - 1 (0.5')	Total/NA	Solid	5035	
880-70752-2	CS - 2 (0.5')	Total/NA	Solid	5035	
880-70752-3	CS - 3 (0.5')	Total/NA	Solid	5035	
880-70752-4	CS - 4 (0.5')	Total/NA	Solid	5035	
880-70752-5	CS - 5 (0.5')	Total/NA	Solid	5035	
880-70752-6	CS - 6 (0.5')	Total/NA	Solid	5035	
880-70752-7	CS - 7 (0.5')	Total/NA	Solid	5035	
880-70752-8	CS - 8 (0.5')	Total/NA	Solid	5035	
880-70752-9	CS - 9 (0.5')	Total/NA	Solid	5035	
880-70752-10	CS - 10 (0.5')	Total/NA	Solid	5035	
880-70752-11	CS - 11 (0.5')	Total/NA	Solid	5035	
880-70752-12	CS - 12 (0.5')	Total/NA	Solid	5035	
880-70752-13	CS - 13 (0.5')	Total/NA	Solid	5035	
880-70752-14	CS - 14 (0.5')	Total/NA	Solid	5035	
880-70752-15	CS - 15 (0.5')	Total/NA	Solid	5035	
880-70752-16	CS - 16 (0.5')	Total/NA	Solid	5035	
880-70752-17	CS - 17 (0.5')	Total/NA	Solid	5035	
880-70752-18	CS - 18 (0.5')	Total/NA	Solid	5035	
880-70752-19	CS - 19 (0.5')	Total/NA	Solid	5035	
880-70752-20	CS - 20 (0.5')	Total/NA	Solid	5035	
MB 880-137379/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137379/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137379/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-70752-1 MS	CS - 1 (0.5')	Total/NA	Solid	5035	
880-70752-1 MSD	CS - 1 (0.5')	Total/NA	Solid	5035	

Prep Batch: 137380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-21	CS - 21 (0.5')	Total/NA	Solid	5035	
880-70752-22	CS - 22 (0.5')	Total/NA	Solid	5035	
880-70752-23	CS - 23 (0.5')	Total/NA	Solid	5035	
880-70752-24	CS - 24 (0.5')	Total/NA	Solid	5035	
880-70752-25	CS - 25 (0.5')	Total/NA	Solid	5035	
880-70752-26	CS - 26 (0.5')	Total/NA	Solid	5035	
880-70752-27	CS - 27 (0.5')	Total/NA	Solid	5035	
880-70752-28	CS - 28 (0.5')	Total/NA	Solid	5035	
880-70752-29	CS - 29 (0.5')	Total/NA	Solid	5035	
880-70752-30	CS - 30 (0.5')	Total/NA	Solid	5035	
880-70752-31	CS - 31 (0.5')	Total/NA	Solid	5035	
880-70752-32	CS - 32 (0.5')	Total/NA	Solid	5035	
880-70752-33	CS - 33 (0.5')	Total/NA	Solid	5035	
880-70752-34	CS - 34 (0.5')	Total/NA	Solid	5035	
880-70752-35	CS - 35 (0.5')	Total/NA	Solid	5035	
880-70752-36	CS - 36 (0.5')	Total/NA	Solid	5035	
880-70752-37	CS - 37 (0.5')	Total/NA	Solid	5035	
880-70752-38	CS - 38 (0.5')	Total/NA	Solid	5035	
880-70752-39	CS - 39 (0.5')	Total/NA	Solid	5035	
880-70752-40	CS - 40 (0.5')	Total/NA	Solid	5035	
MB 880-137380/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137380/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137380/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexiico

GC VOA (Continued)

Prep Batch: 137380 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-21 MS	CS - 21 (0.5')	Total/NA	Solid	5035	
880-70752-21 MSD	CS - 21 (0.5')	Total/NA	Solid	5035	

Prep Batch: 137381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-41	CS - 41 (0.5')	Total/NA	Solid	5035	
880-70752-42	CS - 42 (0.5')	Total/NA	Solid	5035	
880-70752-43	CS - 43 (0.5')	Total/NA	Solid	5035	
880-70752-44	CS - 44 (0.5')	Total/NA	Solid	5035	
880-70752-45	CS - 45 (0.5')	Total/NA	Solid	5035	
880-70752-46	CS - 46 (0.5')	Total/NA	Solid	5035	
880-70752-47	CS - 47 (0.5')	Total/NA	Solid	5035	
880-70752-48	CS - 48 (0.5')	Total/NA	Solid	5035	
880-70752-49	CS - 49 (0.5')	Total/NA	Solid	5035	
880-70752-50	CS - 50 (0.5')	Total/NA	Solid	5035	
880-70752-51	CS - 51 (0.5')	Total/NA	Solid	5035	
880-70752-52	CS - 52 (0.5')	Total/NA	Solid	5035	
880-70752-53	CS - 53 (0.5')	Total/NA	Solid	5035	
880-70752-54	CS - 54 (0.5')	Total/NA	Solid	5035	
880-70752-55	CS - 55 (0.5')	Total/NA	Solid	5035	
MB 880-137381/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137381/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137381/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-70752-41 MS	CS - 41 (0.5')	Total/NA	Solid	5035	
880-70752-41 MSD	CS - 41 (0.5')	Total/NA	Solid	5035	

Analysis Batch: 137499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-1	CS - 1 (0.5')	Total/NA	Solid	8021B	137379
880-70752-2	CS - 2 (0.5')	Total/NA	Solid	8021B	137379
880-70752-3	CS - 3 (0.5')	Total/NA	Solid	8021B	137379
880-70752-4	CS - 4 (0.5')	Total/NA	Solid	8021B	137379
880-70752-5	CS - 5 (0.5')	Total/NA	Solid	8021B	137379
880-70752-6	CS - 6 (0.5')	Total/NA	Solid	8021B	137379
880-70752-7	CS - 7 (0.5')	Total/NA	Solid	8021B	137379
880-70752-8	CS - 8 (0.5')	Total/NA	Solid	8021B	137379
880-70752-9	CS - 9 (0.5')	Total/NA	Solid	8021B	137379
880-70752-10	CS - 10 (0.5')	Total/NA	Solid	8021B	137379
880-70752-11	CS - 11 (0.5')	Total/NA	Solid	8021B	137379
880-70752-12	CS - 12 (0.5')	Total/NA	Solid	8021B	137379
880-70752-13	CS - 13 (0.5')	Total/NA	Solid	8021B	137379
880-70752-14	CS - 14 (0.5')	Total/NA	Solid	8021B	137379
880-70752-15	CS - 15 (0.5')	Total/NA	Solid	8021B	137379
880-70752-16	CS - 16 (0.5')	Total/NA	Solid	8021B	137379
880-70752-17	CS - 17 (0.5')	Total/NA	Solid	8021B	137379
880-70752-18	CS - 18 (0.5')	Total/NA	Solid	8021B	137379
880-70752-19	CS - 19 (0.5')	Total/NA	Solid	8021B	137379
880-70752-20	CS - 20 (0.5')	Total/NA	Solid	8021B	137379
MB 880-137379/5-A	Method Blank	Total/NA	Solid	8021B	137379
LCS 880-137379/1-A	Lab Control Sample	Total/NA	Solid	8021B	137379
LCSD 880-137379/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137379

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

GC VOA (Continued)

Analysis Batch: 137499 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-1 MS	CS - 1 (0.5')	Total/NA	Solid	8021B	137379
880-70752-1 MSD	CS - 1 (0.5')	Total/NA	Solid	8021B	137379

Analysis Batch: 137500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-21	CS - 21 (0.5')	Total/NA	Solid	8021B	137380
880-70752-22	CS - 22 (0.5')	Total/NA	Solid	8021B	137380
880-70752-23	CS - 23 (0.5')	Total/NA	Solid	8021B	137380
880-70752-24	CS - 24 (0.5')	Total/NA	Solid	8021B	137380
880-70752-25	CS - 25 (0.5')	Total/NA	Solid	8021B	137380
880-70752-26	CS - 26 (0.5')	Total/NA	Solid	8021B	137380
880-70752-27	CS - 27 (0.5')	Total/NA	Solid	8021B	137380
880-70752-28	CS - 28 (0.5')	Total/NA	Solid	8021B	137380
880-70752-29	CS - 29 (0.5')	Total/NA	Solid	8021B	137380
880-70752-30	CS - 30 (0.5')	Total/NA	Solid	8021B	137380
880-70752-31	CS - 31 (0.5')	Total/NA	Solid	8021B	137380
880-70752-32	CS - 32 (0.5')	Total/NA	Solid	8021B	137380
880-70752-33	CS - 33 (0.5')	Total/NA	Solid	8021B	137380
880-70752-34	CS - 34 (0.5')	Total/NA	Solid	8021B	137380
880-70752-35	CS - 35 (0.5')	Total/NA	Solid	8021B	137380
880-70752-36	CS - 36 (0.5')	Total/NA	Solid	8021B	137380
880-70752-37	CS - 37 (0.5')	Total/NA	Solid	8021B	137380
880-70752-38	CS - 38 (0.5')	Total/NA	Solid	8021B	137380
880-70752-39	CS - 39 (0.5')	Total/NA	Solid	8021B	137380
880-70752-40	CS - 40 (0.5')	Total/NA	Solid	8021B	137380
MB 880-137380/5-A	Method Blank	Total/NA	Solid	8021B	137380
LCS 880-137380/1-A	Lab Control Sample	Total/NA	Solid	8021B	137380
LCSD 880-137380/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137380
880-70752-21 MS	CS - 21 (0.5')	Total/NA	Solid	8021B	137380
880-70752-21 MSD	CS - 21 (0.5')	Total/NA	Solid	8021B	137380

Prep Batch: 137512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-137512/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 137514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-41	CS - 41 (0.5')	Total/NA	Solid	8021B	137381
880-70752-42	CS - 42 (0.5')	Total/NA	Solid	8021B	137381
880-70752-43	CS - 43 (0.5')	Total/NA	Solid	8021B	137381
880-70752-44	CS - 44 (0.5')	Total/NA	Solid	8021B	137381
880-70752-45	CS - 45 (0.5')	Total/NA	Solid	8021B	137381
880-70752-46	CS - 46 (0.5')	Total/NA	Solid	8021B	137381
880-70752-47	CS - 47 (0.5')	Total/NA	Solid	8021B	137381
880-70752-48	CS - 48 (0.5')	Total/NA	Solid	8021B	137381
880-70752-49	CS - 49 (0.5')	Total/NA	Solid	8021B	137381
880-70752-50	CS - 50 (0.5')	Total/NA	Solid	8021B	137381
880-70752-51	CS - 51 (0.5')	Total/NA	Solid	8021B	137381
880-70752-52	CS - 52 (0.5')	Total/NA	Solid	8021B	137381
880-70752-53	CS - 53 (0.5')	Total/NA	Solid	8021B	137381
880-70752-54	CS - 54 (0.5')	Total/NA	Solid	8021B	137381

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

GC VOA (Continued)

Analysis Batch: 137514 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-55	CS - 55 (0.5')	Total/NA	Solid	8021B	137381
MB 880-137381/5-A	Method Blank	Total/NA	Solid	8021B	137381
MB 880-137512/5-A	Method Blank	Total/NA	Solid	8021B	137512
LCS 880-137381/1-A	Lab Control Sample	Total/NA	Solid	8021B	137381
LCSD 880-137381/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137381
880-70752-41 MS	CS - 41 (0.5')	Total/NA	Solid	8021B	137381
880-70752-41 MSD	CS - 41 (0.5')	Total/NA	Solid	8021B	137381

Analysis Batch: 137609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-1	CS - 1 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-2	CS - 2 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-3	CS - 3 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-4	CS - 4 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-5	CS - 5 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-6	CS - 6 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-7	CS - 7 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-8	CS - 8 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-9	CS - 9 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-10	CS - 10 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-11	CS - 11 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-12	CS - 12 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-13	CS - 13 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-14	CS - 14 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-15	CS - 15 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-16	CS - 16 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-17	CS - 17 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-18	CS - 18 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-19	CS - 19 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-20	CS - 20 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-21	CS - 21 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-22	CS - 22 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-23	CS - 23 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-24	CS - 24 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-25	CS - 25 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-26	CS - 26 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-27	CS - 27 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-28	CS - 28 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-29	CS - 29 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-30	CS - 30 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-31	CS - 31 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-32	CS - 32 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-33	CS - 33 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-34	CS - 34 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-35	CS - 35 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-36	CS - 36 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-37	CS - 37 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-38	CS - 38 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-39	CS - 39 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-40	CS - 40 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-41	CS - 41 (0.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

GC VOA (Continued)

Analysis Batch: 137609 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-42	CS - 42 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-43	CS - 43 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-44	CS - 44 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-45	CS - 45 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-46	CS - 46 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-47	CS - 47 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-48	CS - 48 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-49	CS - 49 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-50	CS - 50 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-51	CS - 51 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-52	CS - 52 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-53	CS - 53 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-54	CS - 54 (0.5')	Total/NA	Solid	Total BTEX	
880-70752-55	CS - 55 (0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 137308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-1	CS - 1 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-2	CS - 2 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-3	CS - 3 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-4	CS - 4 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-5	CS - 5 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-6	CS - 6 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-7	CS - 7 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-8	CS - 8 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-9	CS - 9 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-10	CS - 10 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-11	CS - 11 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-12	CS - 12 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-13	CS - 13 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-14	CS - 14 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-15	CS - 15 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-16	CS - 16 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-17	CS - 17 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-18	CS - 18 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-19	CS - 19 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-20	CS - 20 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-137308/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137308/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137308/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-70752-1 MS	CS - 1 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-1 MSD	CS - 1 (0.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 137309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-21	CS - 21 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-22	CS - 22 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-23	CS - 23 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-24	CS - 24 (0.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

GC Semi VOA (Continued)

Prep Batch: 137309 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-25	CS - 25 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-26	CS - 26 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-27	CS - 27 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-28	CS - 28 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-29	CS - 29 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-30	CS - 30 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-31	CS - 31 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-32	CS - 32 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-33	CS - 33 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-34	CS - 34 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-35	CS - 35 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-36	CS - 36 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-37	CS - 37 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-38	CS - 38 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-39	CS - 39 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-40	CS - 40 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-137309/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137309/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137309/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-70752-21 MS	CS - 21 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-21 MSD	CS - 21 (0.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 137310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-41	CS - 41 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-42	CS - 42 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-43	CS - 43 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-44	CS - 44 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-45	CS - 45 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-46	CS - 46 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-47	CS - 47 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-48	CS - 48 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-49	CS - 49 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-50	CS - 50 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-51	CS - 51 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-52	CS - 52 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-53	CS - 53 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-54	CS - 54 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-55	CS - 55 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-137310/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137310/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137310/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-70752-41 MS	CS - 41 (0.5')	Total/NA	Solid	8015NM Prep	
880-70752-41 MSD	CS - 41 (0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 137396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-1	CS - 1 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-2	CS - 2 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-3	CS - 3 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-4	CS - 4 (0.5')	Total/NA	Solid	8015B NM	137308

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

GC Semi VOA (Continued)

Analysis Batch: 137396 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-5	CS - 5 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-6	CS - 6 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-7	CS - 7 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-8	CS - 8 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-9	CS - 9 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-10	CS - 10 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-11	CS - 11 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-12	CS - 12 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-13	CS - 13 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-14	CS - 14 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-15	CS - 15 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-16	CS - 16 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-17	CS - 17 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-18	CS - 18 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-19	CS - 19 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-20	CS - 20 (0.5')	Total/NA	Solid	8015B NM	137308
MB 880-137308/1-A	Method Blank	Total/NA	Solid	8015B NM	137308
LCS 880-137308/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137308
LCSD 880-137308/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137308
880-70752-1 MS	CS - 1 (0.5')	Total/NA	Solid	8015B NM	137308
880-70752-1 MSD	CS - 1 (0.5')	Total/NA	Solid	8015B NM	137308

Analysis Batch: 137456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-21	CS - 21 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-22	CS - 22 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-23	CS - 23 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-24	CS - 24 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-25	CS - 25 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-26	CS - 26 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-27	CS - 27 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-28	CS - 28 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-29	CS - 29 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-30	CS - 30 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-31	CS - 31 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-32	CS - 32 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-33	CS - 33 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-34	CS - 34 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-35	CS - 35 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-36	CS - 36 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-37	CS - 37 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-38	CS - 38 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-39	CS - 39 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-40	CS - 40 (0.5')	Total/NA	Solid	8015B NM	137309
MB 880-137309/1-A	Method Blank	Total/NA	Solid	8015B NM	137309
LCS 880-137309/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137309
LCSD 880-137309/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137309
880-70752-21 MS	CS - 21 (0.5')	Total/NA	Solid	8015B NM	137309
880-70752-21 MSD	CS - 21 (0.5')	Total/NA	Solid	8015B NM	137309

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

GC Semi VOA

Analysis Batch: 137457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-41	CS - 41 (0.5')	Total/NA	Solid	8015B NM	137310
880-70752-42	CS - 42 (0.5')	Total/NA	Solid	8015B NM	137310
880-70752-43	CS - 43 (0.5')	Total/NA	Solid	8015B NM	137310
880-70752-44	CS - 44 (0.5')	Total/NA	Solid	8015B NM	137310
880-70752-45	CS - 45 (0.5')	Total/NA	Solid	8015B NM	137310
880-70752-46	CS - 46 (0.5')	Total/NA	Solid	8015B NM	137310
880-70752-47	CS - 47 (0.5')	Total/NA	Solid	8015B NM	137310
880-70752-48	CS - 48 (0.5')	Total/NA	Solid	8015B NM	137310
880-70752-49	CS - 49 (0.5')	Total/NA	Solid	8015B NM	137310
880-70752-50	CS - 50 (0.5')	Total/NA	Solid	8015B NM	137310
880-70752-51	CS - 51 (0.5')	Total/NA	Solid	8015B NM	137310
880-70752-52	CS - 52 (0.5')	Total/NA	Solid	8015B NM	137310
880-70752-53	CS - 53 (0.5')	Total/NA	Solid	8015B NM	137310
880-70752-54	CS - 54 (0.5')	Total/NA	Solid	8015B NM	137310
880-70752-55	CS - 55 (0.5')	Total/NA	Solid	8015B NM	137310
MB 880-137310/1-A	Method Blank	Total/NA	Solid	8015B NM	137310
LCS 880-137310/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137310
LCSD 880-137310/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137310
880-70752-41 MS	CS - 41 (0.5')	Total/NA	Solid	8015B NM	137310
880-70752-41 MSD	CS - 41 (0.5')	Total/NA	Solid	8015B NM	137310

Analysis Batch: 137573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-1	CS - 1 (0.5')	Total/NA	Solid	8015 NM	
880-70752-2	CS - 2 (0.5')	Total/NA	Solid	8015 NM	
880-70752-3	CS - 3 (0.5')	Total/NA	Solid	8015 NM	
880-70752-4	CS - 4 (0.5')	Total/NA	Solid	8015 NM	
880-70752-5	CS - 5 (0.5')	Total/NA	Solid	8015 NM	
880-70752-6	CS - 6 (0.5')	Total/NA	Solid	8015 NM	
880-70752-7	CS - 7 (0.5')	Total/NA	Solid	8015 NM	
880-70752-8	CS - 8 (0.5')	Total/NA	Solid	8015 NM	
880-70752-9	CS - 9 (0.5')	Total/NA	Solid	8015 NM	
880-70752-10	CS - 10 (0.5')	Total/NA	Solid	8015 NM	
880-70752-11	CS - 11 (0.5')	Total/NA	Solid	8015 NM	
880-70752-12	CS - 12 (0.5')	Total/NA	Solid	8015 NM	
880-70752-13	CS - 13 (0.5')	Total/NA	Solid	8015 NM	
880-70752-14	CS - 14 (0.5')	Total/NA	Solid	8015 NM	
880-70752-15	CS - 15 (0.5')	Total/NA	Solid	8015 NM	
880-70752-16	CS - 16 (0.5')	Total/NA	Solid	8015 NM	
880-70752-17	CS - 17 (0.5')	Total/NA	Solid	8015 NM	
880-70752-18	CS - 18 (0.5')	Total/NA	Solid	8015 NM	
880-70752-19	CS - 19 (0.5')	Total/NA	Solid	8015 NM	
880-70752-20	CS - 20 (0.5')	Total/NA	Solid	8015 NM	
880-70752-21	CS - 21 (0.5')	Total/NA	Solid	8015 NM	
880-70752-22	CS - 22 (0.5')	Total/NA	Solid	8015 NM	
880-70752-23	CS - 23 (0.5')	Total/NA	Solid	8015 NM	
880-70752-24	CS - 24 (0.5')	Total/NA	Solid	8015 NM	
880-70752-25	CS - 25 (0.5')	Total/NA	Solid	8015 NM	
880-70752-26	CS - 26 (0.5')	Total/NA	Solid	8015 NM	
880-70752-27	CS - 27 (0.5')	Total/NA	Solid	8015 NM	
880-70752-28	CS - 28 (0.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

GC Semi VOA (Continued)

Analysis Batch: 137573 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-29	CS - 29 (0.5')	Total/NA	Solid	8015 NM	
880-70752-30	CS - 30 (0.5')	Total/NA	Solid	8015 NM	
880-70752-31	CS - 31 (0.5')	Total/NA	Solid	8015 NM	
880-70752-32	CS - 32 (0.5')	Total/NA	Solid	8015 NM	
880-70752-33	CS - 33 (0.5')	Total/NA	Solid	8015 NM	
880-70752-34	CS - 34 (0.5')	Total/NA	Solid	8015 NM	
880-70752-35	CS - 35 (0.5')	Total/NA	Solid	8015 NM	
880-70752-36	CS - 36 (0.5')	Total/NA	Solid	8015 NM	
880-70752-37	CS - 37 (0.5')	Total/NA	Solid	8015 NM	
880-70752-38	CS - 38 (0.5')	Total/NA	Solid	8015 NM	
880-70752-39	CS - 39 (0.5')	Total/NA	Solid	8015 NM	
880-70752-40	CS - 40 (0.5')	Total/NA	Solid	8015 NM	
880-70752-41	CS - 41 (0.5')	Total/NA	Solid	8015 NM	
880-70752-42	CS - 42 (0.5')	Total/NA	Solid	8015 NM	
880-70752-43	CS - 43 (0.5')	Total/NA	Solid	8015 NM	
880-70752-44	CS - 44 (0.5')	Total/NA	Solid	8015 NM	
880-70752-45	CS - 45 (0.5')	Total/NA	Solid	8015 NM	
880-70752-46	CS - 46 (0.5')	Total/NA	Solid	8015 NM	
880-70752-47	CS - 47 (0.5')	Total/NA	Solid	8015 NM	
880-70752-48	CS - 48 (0.5')	Total/NA	Solid	8015 NM	
880-70752-49	CS - 49 (0.5')	Total/NA	Solid	8015 NM	
880-70752-50	CS - 50 (0.5')	Total/NA	Solid	8015 NM	
880-70752-51	CS - 51 (0.5')	Total/NA	Solid	8015 NM	
880-70752-52	CS - 52 (0.5')	Total/NA	Solid	8015 NM	
880-70752-53	CS - 53 (0.5')	Total/NA	Solid	8015 NM	
880-70752-54	CS - 54 (0.5')	Total/NA	Solid	8015 NM	
880-70752-55	CS - 55 (0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 137333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-1	CS - 1 (0.5')	Soluble	Solid	DI Leach	
880-70752-2	CS - 2 (0.5')	Soluble	Solid	DI Leach	
880-70752-3	CS - 3 (0.5')	Soluble	Solid	DI Leach	
880-70752-4	CS - 4 (0.5')	Soluble	Solid	DI Leach	
880-70752-5	CS - 5 (0.5')	Soluble	Solid	DI Leach	
880-70752-6	CS - 6 (0.5')	Soluble	Solid	DI Leach	
880-70752-7	CS - 7 (0.5')	Soluble	Solid	DI Leach	
880-70752-8	CS - 8 (0.5')	Soluble	Solid	DI Leach	
880-70752-9	CS - 9 (0.5')	Soluble	Solid	DI Leach	
880-70752-10	CS - 10 (0.5')	Soluble	Solid	DI Leach	
880-70752-11	CS - 11 (0.5')	Soluble	Solid	DI Leach	
880-70752-12	CS - 12 (0.5')	Soluble	Solid	DI Leach	
880-70752-13	CS - 13 (0.5')	Soluble	Solid	DI Leach	
880-70752-14	CS - 14 (0.5')	Soluble	Solid	DI Leach	
880-70752-15	CS - 15 (0.5')	Soluble	Solid	DI Leach	
880-70752-16	CS - 16 (0.5')	Soluble	Solid	DI Leach	
880-70752-17	CS - 17 (0.5')	Soluble	Solid	DI Leach	
880-70752-18	CS - 18 (0.5')	Soluble	Solid	DI Leach	
880-70752-19	CS - 19 (0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

HPLC/IC (Continued)

Leach Batch: 137333 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-20	CS - 20 (0.5')	Soluble	Solid	DI Leach	
MB 880-137333/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137333/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137333/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-70752-1 MS	CS - 1 (0.5')	Soluble	Solid	DI Leach	
880-70752-1 MSD	CS - 1 (0.5')	Soluble	Solid	DI Leach	
880-70752-11 MS	CS - 11 (0.5')	Soluble	Solid	DI Leach	
880-70752-11 MSD	CS - 11 (0.5')	Soluble	Solid	DI Leach	

Leach Batch: 137335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-21	CS - 21 (0.5')	Soluble	Solid	DI Leach	
880-70752-22	CS - 22 (0.5')	Soluble	Solid	DI Leach	
880-70752-23	CS - 23 (0.5')	Soluble	Solid	DI Leach	
880-70752-24	CS - 24 (0.5')	Soluble	Solid	DI Leach	
880-70752-25	CS - 25 (0.5')	Soluble	Solid	DI Leach	
880-70752-26	CS - 26 (0.5')	Soluble	Solid	DI Leach	
880-70752-27	CS - 27 (0.5')	Soluble	Solid	DI Leach	
880-70752-28	CS - 28 (0.5')	Soluble	Solid	DI Leach	
880-70752-29	CS - 29 (0.5')	Soluble	Solid	DI Leach	
880-70752-30	CS - 30 (0.5')	Soluble	Solid	DI Leach	
880-70752-31	CS - 31 (0.5')	Soluble	Solid	DI Leach	
880-70752-32	CS - 32 (0.5')	Soluble	Solid	DI Leach	
880-70752-33	CS - 33 (0.5')	Soluble	Solid	DI Leach	
880-70752-34	CS - 34 (0.5')	Soluble	Solid	DI Leach	
880-70752-35	CS - 35 (0.5')	Soluble	Solid	DI Leach	
880-70752-36	CS - 36 (0.5')	Soluble	Solid	DI Leach	
880-70752-37	CS - 37 (0.5')	Soluble	Solid	DI Leach	
880-70752-38	CS - 38 (0.5')	Soluble	Solid	DI Leach	
880-70752-39	CS - 39 (0.5')	Soluble	Solid	DI Leach	
880-70752-40	CS - 40 (0.5')	Soluble	Solid	DI Leach	
MB 880-137335/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137335/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137335/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-70752-21 MS	CS - 21 (0.5')	Soluble	Solid	DI Leach	
880-70752-21 MSD	CS - 21 (0.5')	Soluble	Solid	DI Leach	
880-70752-31 MS	CS - 31 (0.5')	Soluble	Solid	DI Leach	
880-70752-31 MSD	CS - 31 (0.5')	Soluble	Solid	DI Leach	

Leach Batch: 137336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-41	CS - 41 (0.5')	Soluble	Solid	DI Leach	
880-70752-42	CS - 42 (0.5')	Soluble	Solid	DI Leach	
880-70752-43	CS - 43 (0.5')	Soluble	Solid	DI Leach	
880-70752-44	CS - 44 (0.5')	Soluble	Solid	DI Leach	
880-70752-45	CS - 45 (0.5')	Soluble	Solid	DI Leach	
880-70752-46	CS - 46 (0.5')	Soluble	Solid	DI Leach	
880-70752-47	CS - 47 (0.5')	Soluble	Solid	DI Leach	
880-70752-48	CS - 48 (0.5')	Soluble	Solid	DI Leach	
880-70752-49	CS - 49 (0.5')	Soluble	Solid	DI Leach	
880-70752-50	CS - 50 (0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

HPLC/IC (Continued)

Leach Batch: 137336 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-51	CS - 51 (0.5')	Soluble	Solid	DI Leach	
880-70752-52	CS - 52 (0.5')	Soluble	Solid	DI Leach	
880-70752-53	CS - 53 (0.5')	Soluble	Solid	DI Leach	
880-70752-54	CS - 54 (0.5')	Soluble	Solid	DI Leach	
880-70752-55	CS - 55 (0.5')	Soluble	Solid	DI Leach	
MB 880-137336/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137336/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137336/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-70752-41 MS	CS - 41 (0.5')	Soluble	Solid	DI Leach	
880-70752-41 MSD	CS - 41 (0.5')	Soluble	Solid	DI Leach	
880-70752-51 MS	CS - 51 (0.5')	Soluble	Solid	DI Leach	
880-70752-51 MSD	CS - 51 (0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 137350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-21	CS - 21 (0.5')	Soluble	Solid	300.0	137335
880-70752-22	CS - 22 (0.5')	Soluble	Solid	300.0	137335
880-70752-23	CS - 23 (0.5')	Soluble	Solid	300.0	137335
880-70752-24	CS - 24 (0.5')	Soluble	Solid	300.0	137335
880-70752-25	CS - 25 (0.5')	Soluble	Solid	300.0	137335
880-70752-26	CS - 26 (0.5')	Soluble	Solid	300.0	137335
880-70752-27	CS - 27 (0.5')	Soluble	Solid	300.0	137335
880-70752-28	CS - 28 (0.5')	Soluble	Solid	300.0	137335
880-70752-29	CS - 29 (0.5')	Soluble	Solid	300.0	137335
880-70752-30	CS - 30 (0.5')	Soluble	Solid	300.0	137335
880-70752-31	CS - 31 (0.5')	Soluble	Solid	300.0	137335
880-70752-32	CS - 32 (0.5')	Soluble	Solid	300.0	137335
880-70752-33	CS - 33 (0.5')	Soluble	Solid	300.0	137335
880-70752-34	CS - 34 (0.5')	Soluble	Solid	300.0	137335
880-70752-35	CS - 35 (0.5')	Soluble	Solid	300.0	137335
880-70752-36	CS - 36 (0.5')	Soluble	Solid	300.0	137335
880-70752-37	CS - 37 (0.5')	Soluble	Solid	300.0	137335
880-70752-38	CS - 38 (0.5')	Soluble	Solid	300.0	137335
880-70752-39	CS - 39 (0.5')	Soluble	Solid	300.0	137335
880-70752-40	CS - 40 (0.5')	Soluble	Solid	300.0	137335
MB 880-137335/1-A	Method Blank	Soluble	Solid	300.0	137335
LCS 880-137335/2-A	Lab Control Sample	Soluble	Solid	300.0	137335
LCSD 880-137335/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137335
880-70752-21 MS	CS - 21 (0.5')	Soluble	Solid	300.0	137335
880-70752-21 MSD	CS - 21 (0.5')	Soluble	Solid	300.0	137335
880-70752-31 MS	CS - 31 (0.5')	Soluble	Solid	300.0	137335
880-70752-31 MSD	CS - 31 (0.5')	Soluble	Solid	300.0	137335

Analysis Batch: 137351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-1	CS - 1 (0.5')	Soluble	Solid	300.0	137333
880-70752-2	CS - 2 (0.5')	Soluble	Solid	300.0	137333
880-70752-3	CS - 3 (0.5')	Soluble	Solid	300.0	137333
880-70752-4	CS - 4 (0.5')	Soluble	Solid	300.0	137333
880-70752-5	CS - 5 (0.5')	Soluble	Solid	300.0	137333
880-70752-6	CS - 6 (0.5')	Soluble	Solid	300.0	137333

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

HPLC/IC (Continued)

Analysis Batch: 137351 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-7	CS - 7 (0.5')	Soluble	Solid	300.0	137333
880-70752-8	CS - 8 (0.5')	Soluble	Solid	300.0	137333
880-70752-9	CS - 9 (0.5')	Soluble	Solid	300.0	137333
880-70752-10	CS - 10 (0.5')	Soluble	Solid	300.0	137333
880-70752-11	CS - 11 (0.5')	Soluble	Solid	300.0	137333
880-70752-12	CS - 12 (0.5')	Soluble	Solid	300.0	137333
880-70752-13	CS - 13 (0.5')	Soluble	Solid	300.0	137333
880-70752-14	CS - 14 (0.5')	Soluble	Solid	300.0	137333
880-70752-15	CS - 15 (0.5')	Soluble	Solid	300.0	137333
880-70752-16	CS - 16 (0.5')	Soluble	Solid	300.0	137333
880-70752-17	CS - 17 (0.5')	Soluble	Solid	300.0	137333
880-70752-18	CS - 18 (0.5')	Soluble	Solid	300.0	137333
880-70752-19	CS - 19 (0.5')	Soluble	Solid	300.0	137333
880-70752-20	CS - 20 (0.5')	Soluble	Solid	300.0	137333
MB 880-137333/1-A	Method Blank	Soluble	Solid	300.0	137333
LCS 880-137333/2-A	Lab Control Sample	Soluble	Solid	300.0	137333
LCSD 880-137333/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137333
880-70752-1 MS	CS - 1 (0.5')	Soluble	Solid	300.0	137333
880-70752-1 MSD	CS - 1 (0.5')	Soluble	Solid	300.0	137333
880-70752-11 MS	CS - 11 (0.5')	Soluble	Solid	300.0	137333
880-70752-11 MSD	CS - 11 (0.5')	Soluble	Solid	300.0	137333

Analysis Batch: 137409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70752-41	CS - 41 (0.5')	Soluble	Solid	300.0	137336
880-70752-42	CS - 42 (0.5')	Soluble	Solid	300.0	137336
880-70752-43	CS - 43 (0.5')	Soluble	Solid	300.0	137336
880-70752-44	CS - 44 (0.5')	Soluble	Solid	300.0	137336
880-70752-45	CS - 45 (0.5')	Soluble	Solid	300.0	137336
880-70752-46	CS - 46 (0.5')	Soluble	Solid	300.0	137336
880-70752-47	CS - 47 (0.5')	Soluble	Solid	300.0	137336
880-70752-48	CS - 48 (0.5')	Soluble	Solid	300.0	137336
880-70752-49	CS - 49 (0.5')	Soluble	Solid	300.0	137336
880-70752-50	CS - 50 (0.5')	Soluble	Solid	300.0	137336
880-70752-51	CS - 51 (0.5')	Soluble	Solid	300.0	137336
880-70752-52	CS - 52 (0.5')	Soluble	Solid	300.0	137336
880-70752-53	CS - 53 (0.5')	Soluble	Solid	300.0	137336
880-70752-54	CS - 54 (0.5')	Soluble	Solid	300.0	137336
880-70752-55	CS - 55 (0.5')	Soluble	Solid	300.0	137336
MB 880-137336/1-A	Method Blank	Soluble	Solid	300.0	137336
LCS 880-137336/2-A	Lab Control Sample	Soluble	Solid	300.0	137336
LCSD 880-137336/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137336
880-70752-41 MS	CS - 41 (0.5')	Soluble	Solid	300.0	137336
880-70752-41 MSD	CS - 41 (0.5')	Soluble	Solid	300.0	137336
880-70752-51 MS	CS - 51 (0.5')	Soluble	Solid	300.0	137336
880-70752-51 MSD	CS - 51 (0.5')	Soluble	Solid	300.0	137336

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexiico

Client Sample ID: CS - 1 (0.5')

Lab Sample ID: 880-70752-1

Date Collected: 04/08/26 12:20

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 12:50	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 12:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 17:35	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 17:35	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 14:26	CS	EET MID

Client Sample ID: CS - 2 (0.5')

Lab Sample ID: 880-70752-2

Date Collected: 04/08/26 12:22

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 13:11	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 13:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 18:18	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 18:18	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 14:42	CS	EET MID

Client Sample ID: CS - 3 (0.5')

Lab Sample ID: 880-70752-3

Date Collected: 04/08/26 12:24

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 13:31	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 13:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 18:32	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 18:32	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 14:47	CS	EET MID

Client Sample ID: CS - 4 (0.5')

Lab Sample ID: 880-70752-4

Date Collected: 04/08/26 12:26

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 13:52	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 13:52	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 4 (0.5')

Lab Sample ID: 880-70752-4

Date Collected: 04/08/26 12:26

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			137573	04/10/26 18:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 18:46	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 14:52	CS	EET MID

Client Sample ID: CS - 5 (0.5')

Lab Sample ID: 880-70752-5

Date Collected: 04/08/26 12:28

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 14:12	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 14:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 19:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 19:01	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 14:58	CS	EET MID

Client Sample ID: CS - 6 (0.5')

Lab Sample ID: 880-70752-6

Date Collected: 04/08/26 12:30

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 14:33	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 14:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 19:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 19:15	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 15:13	CS	EET MID

Client Sample ID: CS - 7 (0.5')

Lab Sample ID: 880-70752-7

Date Collected: 04/08/26 12:32

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 14:53	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 14:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 19:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 19:29	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 7 (0.5')

Lab Sample ID: 880-70752-7

Date Collected: 04/08/26 12:32

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 15:18	CS	EET MID

Client Sample ID: CS - 8 (0.5')

Lab Sample ID: 880-70752-8

Date Collected: 04/08/26 12:34

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 15:14	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 15:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 19:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 19:43	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 15:24	CS	EET MID

Client Sample ID: CS - 9 (0.5')

Lab Sample ID: 880-70752-9

Date Collected: 04/08/26 12:36

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 15:34	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 15:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 19:58	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 19:58	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 15:29	CS	EET MID

Client Sample ID: CS - 10 (0.5')

Lab Sample ID: 880-70752-10

Date Collected: 04/08/26 12:38

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 15:54	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 15:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 20:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 20:13	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 15:34	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexiico

Client Sample ID: CS - 11 (0.5')**Lab Sample ID: 880-70752-11****Date Collected: 04/08/26 12:40****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 17:45	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 17:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 20:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 20:42	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 15:39	CS	EET MID

Client Sample ID: CS - 12 (0.5')**Lab Sample ID: 880-70752-12****Date Collected: 04/08/26 12:42****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 18:06	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 18:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 20:56	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 20:56	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 15:55	CS	EET MID

Client Sample ID: CS - 13 (0.5')**Lab Sample ID: 880-70752-13****Date Collected: 04/08/26 12:44****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 18:26	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 18:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 21:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 21:10	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 16:00	CS	EET MID

Client Sample ID: CS - 14 (0.5')**Lab Sample ID: 880-70752-14****Date Collected: 04/08/26 12:46****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 18:47	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 18:47	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 14 (0.5')**Lab Sample ID: 880-70752-14****Date Collected: 04/08/26 12:46****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			137573	04/10/26 21:24	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 21:24	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 16:16	CS	EET MID

Client Sample ID: CS - 15 (0.5')**Lab Sample ID: 880-70752-15****Date Collected: 04/08/26 12:48****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 19:07	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 19:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 21:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 21:38	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 16:21	CS	EET MID

Client Sample ID: CS - 16 (0.5')**Lab Sample ID: 880-70752-16****Date Collected: 04/08/26 12:50****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 19:28	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 19:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 21:53	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 21:53	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 16:27	CS	EET MID

Client Sample ID: CS - 17 (0.5')**Lab Sample ID: 880-70752-17****Date Collected: 04/08/26 12:52****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 19:48	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 19:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 22:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 22:07	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 17 (0.5')

Date Collected: 04/08/26 12:52

Date Received: 04/08/26 17:08

Lab Sample ID: 880-70752-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 16:32	CS	EET MID

Client Sample ID: CS - 18 (0.5')

Date Collected: 04/08/26 12:54

Date Received: 04/08/26 17:08

Lab Sample ID: 880-70752-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 20:09	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 20:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 22:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 22:23	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 16:37	CS	EET MID

Client Sample ID: CS - 19 (0.5')

Date Collected: 04/08/26 12:56

Date Received: 04/08/26 17:08

Lab Sample ID: 880-70752-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 20:29	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 20:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 22:36	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 22:36	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 16:42	CS	EET MID

Client Sample ID: CS - 20 (0.5')

Date Collected: 04/08/26 12:58

Date Received: 04/08/26 17:08

Lab Sample ID: 880-70752-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137379	04/09/26 17:13	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137499	04/13/26 20:49	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 20:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 22:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	137308	04/09/26 10:17	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137396	04/10/26 22:51	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	137333	04/09/26 11:19	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137351	04/10/26 16:47	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexiico

Client Sample ID: CS - 21 (0.5')

Lab Sample ID: 880-70752-21

Date Collected: 04/08/26 13:00

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/12/26 22:33	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/12/26 22:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 18:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/10/26 18:18	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 19:17	CS	EET MID

Client Sample ID: CS - 22 (0.5')

Lab Sample ID: 880-70752-22

Date Collected: 04/08/26 13:02

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/12/26 22:54	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/12/26 22:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 19:19	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/10/26 19:19	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 19:33	CS	EET MID

Client Sample ID: CS - 23 (0.5')

Lab Sample ID: 880-70752-23

Date Collected: 04/08/26 13:04

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/12/26 23:14	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/12/26 23:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 19:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/10/26 19:39	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 19:38	CS	EET MID

Client Sample ID: CS - 24 (0.5')

Lab Sample ID: 880-70752-24

Date Collected: 04/08/26 13:06

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/12/26 23:35	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/12/26 23:35	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 24 (0.5')**Lab Sample ID: 880-70752-24****Date Collected: 04/08/26 13:06****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			137573	04/10/26 19:59	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/10/26 19:59	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 19:43	CS	EET MID

Client Sample ID: CS - 25 (0.5')**Lab Sample ID: 880-70752-25****Date Collected: 04/08/26 13:08****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/12/26 23:56	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/12/26 23:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 20:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/10/26 20:19	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 19:49	CS	EET MID

Client Sample ID: CS - 26 (0.5')**Lab Sample ID: 880-70752-26****Date Collected: 04/08/26 13:10****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/13/26 00:16	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 00:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 20:40	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/10/26 20:40	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 20:04	CS	EET MID

Client Sample ID: CS - 27 (0.5')**Lab Sample ID: 880-70752-27****Date Collected: 04/08/26 13:12****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/13/26 00:37	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 00:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 21:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/10/26 21:00	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 27 (0.5')**Lab Sample ID: 880-70752-27****Date Collected: 04/08/26 13:12****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 20:09	CS	EET MID

Client Sample ID: CS - 28 (0.5')**Lab Sample ID: 880-70752-28****Date Collected: 04/08/26 13:14****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/13/26 00:58	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 00:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 21:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/10/26 21:21	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 20:15	CS	EET MID

Client Sample ID: CS - 29 (0.5')**Lab Sample ID: 880-70752-29****Date Collected: 04/08/26 13:16****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/13/26 01:18	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 01:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 21:41	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/10/26 21:41	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 20:20	CS	EET MID

Client Sample ID: CS - 30 (0.5')**Lab Sample ID: 880-70752-30****Date Collected: 04/08/26 13:18****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/13/26 01:39	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 01:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 22:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/10/26 22:01	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 20:25	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexiico

Client Sample ID: CS - 31 (0.5')**Lab Sample ID: 880-70752-31****Date Collected: 04/08/26 13:20****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/13/26 03:02	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 03:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 22:42	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/10/26 22:42	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 20:30	CS	EET MID

Client Sample ID: CS - 32 (0.5')**Lab Sample ID: 880-70752-32****Date Collected: 04/08/26 13:22****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/13/26 03:22	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 03:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 23:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/10/26 23:03	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 20:46	CS	EET MID

Client Sample ID: CS - 33 (0.5')**Lab Sample ID: 880-70752-33****Date Collected: 04/08/26 13:24****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/13/26 03:43	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 03:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 23:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/10/26 23:24	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 20:51	CS	EET MID

Client Sample ID: CS - 34 (0.5')**Lab Sample ID: 880-70752-34****Date Collected: 04/08/26 13:26****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/13/26 04:03	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 04:03	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 34 (0.5')**Lab Sample ID: 880-70752-34****Date Collected: 04/08/26 13:26****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			137573	04/10/26 23:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/10/26 23:44	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 21:07	CS	EET MID

Client Sample ID: CS - 35 (0.5')**Lab Sample ID: 880-70752-35****Date Collected: 04/08/26 13:28****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/13/26 04:24	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 04:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/11/26 00:04	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/11/26 00:04	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 21:12	CS	EET MID

Client Sample ID: CS - 36 (0.5')**Lab Sample ID: 880-70752-36****Date Collected: 04/08/26 13:30****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/13/26 04:45	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 04:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/11/26 00:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/11/26 00:25	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 21:18	CS	EET MID

Client Sample ID: CS - 37 (0.5')**Lab Sample ID: 880-70752-37****Date Collected: 04/08/26 13:32****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/13/26 05:05	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 05:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/11/26 00:45	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/11/26 00:45	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 37 (0.5')

Date Collected: 04/08/26 13:32

Date Received: 04/08/26 17:08

Lab Sample ID: 880-70752-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 21:23	CS	EET MID

Client Sample ID: CS - 38 (0.5')

Date Collected: 04/08/26 13:34

Date Received: 04/08/26 17:08

Lab Sample ID: 880-70752-38

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/13/26 05:26	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 05:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/11/26 01:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/11/26 01:05	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 21:28	CS	EET MID

Client Sample ID: CS - 39 (0.5')

Date Collected: 04/08/26 13:36

Date Received: 04/08/26 17:08

Lab Sample ID: 880-70752-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/13/26 05:46	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 05:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/11/26 01:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/11/26 01:26	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 21:33	CS	EET MID

Client Sample ID: CS - 40 (0.5')

Date Collected: 04/08/26 13:38

Date Received: 04/08/26 17:08

Lab Sample ID: 880-70752-40

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	137380	04/09/26 17:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137500	04/13/26 06:07	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 06:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/11/26 01:47	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137309	04/09/26 10:21	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137456	04/11/26 01:47	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137335	04/09/26 11:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137350	04/10/26 21:38	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexiico

Client Sample ID: CS - 41 (0.5')

Lab Sample ID: 880-70752-41

Date Collected: 04/08/26 13:40

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137381	04/09/26 17:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137514	04/13/26 22:54	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 22:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 18:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137310	04/09/26 10:23	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137457	04/10/26 18:18	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	137336	04/09/26 11:24	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137409	04/10/26 17:29	CS	EET MID

Client Sample ID: CS - 42 (0.5')

Lab Sample ID: 880-70752-42

Date Collected: 04/08/26 13:42

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	137381	04/09/26 17:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137514	04/13/26 23:14	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 23:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 19:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137310	04/09/26 10:23	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137457	04/10/26 19:19	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	137336	04/09/26 11:24	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137409	04/10/26 17:45	CS	EET MID

Client Sample ID: CS - 43 (0.5')

Lab Sample ID: 880-70752-43

Date Collected: 04/08/26 13:44

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	137381	04/09/26 17:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137514	04/13/26 23:35	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 23:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 19:39	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	137310	04/09/26 10:23	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137457	04/10/26 19:39	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137336	04/09/26 11:24	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137409	04/10/26 17:50	CS	EET MID

Client Sample ID: CS - 44 (0.5')

Lab Sample ID: 880-70752-44

Date Collected: 04/08/26 13:46

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	137381	04/09/26 17:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137514	04/13/26 23:56	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/13/26 23:56	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 44 (0.5')**Lab Sample ID: 880-70752-44****Date Collected: 04/08/26 13:46****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			137573	04/10/26 19:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	137310	04/09/26 10:23	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137457	04/10/26 19:59	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137336	04/09/26 11:24	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137409	04/10/26 17:56	CS	EET MID

Client Sample ID: CS - 45 (0.5')**Lab Sample ID: 880-70752-45****Date Collected: 04/08/26 13:48****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137381	04/09/26 17:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137514	04/14/26 00:16	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/14/26 00:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 20:19	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	137310	04/09/26 10:23	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137457	04/10/26 20:19	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137336	04/09/26 11:24	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137409	04/10/26 18:01	CS	EET MID

Client Sample ID: CS - 46 (0.5')**Lab Sample ID: 880-70752-46****Date Collected: 04/08/26 13:50****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	137381	04/09/26 17:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137514	04/14/26 00:37	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/14/26 00:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 20:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	137310	04/09/26 10:23	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137457	04/10/26 20:40	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	137336	04/09/26 11:24	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137409	04/10/26 18:16	CS	EET MID

Client Sample ID: CS - 47 (0.5')**Lab Sample ID: 880-70752-47****Date Collected: 04/08/26 13:52****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	137381	04/09/26 17:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137514	04/14/26 00:58	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/14/26 00:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 21:00	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137310	04/09/26 10:23	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137457	04/10/26 21:00	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 47 (0.5')

Date Collected: 04/08/26 13:52

Date Received: 04/08/26 17:08

Lab Sample ID: 880-70752-47

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	137336	04/09/26 11:24	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137409	04/10/26 18:22	CS	EET MID

Client Sample ID: CS - 48 (0.5')

Date Collected: 04/08/26 13:54

Date Received: 04/08/26 17:08

Lab Sample ID: 880-70752-48

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	137381	04/09/26 17:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137514	04/14/26 01:18	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/14/26 01:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 21:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	137310	04/09/26 10:23	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137457	04/10/26 21:21	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137336	04/09/26 11:24	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137409	04/10/26 18:27	CS	EET MID

Client Sample ID: CS - 49 (0.5')

Date Collected: 04/08/26 13:56

Date Received: 04/08/26 17:08

Lab Sample ID: 880-70752-49

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	137381	04/09/26 17:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137514	04/14/26 01:39	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/14/26 01:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 21:41	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	137310	04/09/26 10:23	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137457	04/10/26 21:41	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	137336	04/09/26 11:24	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137409	04/10/26 18:32	CS	EET MID

Client Sample ID: CS - 50 (0.5')

Date Collected: 04/08/26 13:58

Date Received: 04/08/26 17:08

Lab Sample ID: 880-70752-50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	137381	04/09/26 17:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137514	04/14/26 02:00	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/14/26 02:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 22:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	137310	04/09/26 10:23	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137457	04/10/26 22:01	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137336	04/09/26 11:24	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137409	04/10/26 18:37	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 51 (0.5')**Lab Sample ID: 880-70752-51****Date Collected: 04/08/26 14:00****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	137381	04/09/26 17:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137514	04/14/26 03:23	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/14/26 03:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 22:42	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137310	04/09/26 10:23	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137457	04/10/26 22:42	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	137336	04/09/26 11:24	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137409	04/10/26 18:43	CS	EET MID

Client Sample ID: CS - 52 (0.5')**Lab Sample ID: 880-70752-52****Date Collected: 04/08/26 14:02****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	137381	04/09/26 17:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137514	04/14/26 03:43	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/14/26 03:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 23:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	137310	04/09/26 10:23	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137457	04/10/26 23:03	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137336	04/09/26 11:24	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137409	04/10/26 18:58	CS	EET MID

Client Sample ID: CS - 53 (0.5')**Lab Sample ID: 880-70752-53****Date Collected: 04/08/26 14:04****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	137381	04/09/26 17:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137514	04/14/26 04:04	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/14/26 04:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/10/26 23:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137310	04/09/26 10:23	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137457	04/10/26 23:24	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	137336	04/09/26 11:24	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137409	04/10/26 19:04	CS	EET MID

Client Sample ID: CS - 54 (0.5')**Lab Sample ID: 880-70752-54****Date Collected: 04/08/26 14:06****Matrix: Solid****Date Received: 04/08/26 17:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	137381	04/09/26 17:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137514	04/14/26 04:25	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/14/26 04:25	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Client Sample ID: CS - 54 (0.5')

Lab Sample ID: 880-70752-54

Date Collected: 04/08/26 14:06

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			137573	04/10/26 23:44	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	137310	04/09/26 10:23	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137457	04/10/26 23:44	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	137336	04/09/26 11:24	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137409	04/10/26 19:19	CS	EET MID

Client Sample ID: CS - 55 (0.5')

Lab Sample ID: 880-70752-55

Date Collected: 04/08/26 14:08

Matrix: Solid

Date Received: 04/08/26 17:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	137381	04/09/26 17:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137514	04/14/26 04:45	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137609	04/14/26 04:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			137573	04/11/26 00:04	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137310	04/09/26 10:23	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137457	04/11/26 00:04	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	137336	04/09/26 11:24	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137409	04/10/26 19:25	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexiico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexiico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-70752-1	CS - 1 (0.5')	Solid	04/08/26 12:20	04/08/26 17:08	Texas
880-70752-2	CS - 2 (0.5')	Solid	04/08/26 12:22	04/08/26 17:08	Texas
880-70752-3	CS - 3 (0.5')	Solid	04/08/26 12:24	04/08/26 17:08	Texas
880-70752-4	CS - 4 (0.5')	Solid	04/08/26 12:26	04/08/26 17:08	Texas
880-70752-5	CS - 5 (0.5')	Solid	04/08/26 12:28	04/08/26 17:08	Texas
880-70752-6	CS - 6 (0.5')	Solid	04/08/26 12:30	04/08/26 17:08	Texas
880-70752-7	CS - 7 (0.5')	Solid	04/08/26 12:32	04/08/26 17:08	Texas
880-70752-8	CS - 8 (0.5')	Solid	04/08/26 12:34	04/08/26 17:08	Texas
880-70752-9	CS - 9 (0.5')	Solid	04/08/26 12:36	04/08/26 17:08	Texas
880-70752-10	CS - 10 (0.5')	Solid	04/08/26 12:38	04/08/26 17:08	Texas
880-70752-11	CS - 11 (0.5')	Solid	04/08/26 12:40	04/08/26 17:08	Texas
880-70752-12	CS - 12 (0.5')	Solid	04/08/26 12:42	04/08/26 17:08	Texas
880-70752-13	CS - 13 (0.5')	Solid	04/08/26 12:44	04/08/26 17:08	Texas
880-70752-14	CS - 14 (0.5')	Solid	04/08/26 12:46	04/08/26 17:08	Texas
880-70752-15	CS - 15 (0.5')	Solid	04/08/26 12:48	04/08/26 17:08	Texas
880-70752-16	CS - 16 (0.5')	Solid	04/08/26 12:50	04/08/26 17:08	Texas
880-70752-17	CS - 17 (0.5')	Solid	04/08/26 12:52	04/08/26 17:08	Texas
880-70752-18	CS - 18 (0.5')	Solid	04/08/26 12:54	04/08/26 17:08	Texas
880-70752-19	CS - 19 (0.5')	Solid	04/08/26 12:56	04/08/26 17:08	Texas
880-70752-20	CS - 20 (0.5')	Solid	04/08/26 12:58	04/08/26 17:08	Texas
880-70752-21	CS - 21 (0.5')	Solid	04/08/26 13:00	04/08/26 17:08	Texas
880-70752-22	CS - 22 (0.5')	Solid	04/08/26 13:02	04/08/26 17:08	Texas
880-70752-23	CS - 23 (0.5')	Solid	04/08/26 13:04	04/08/26 17:08	Texas
880-70752-24	CS - 24 (0.5')	Solid	04/08/26 13:06	04/08/26 17:08	Texas
880-70752-25	CS - 25 (0.5')	Solid	04/08/26 13:08	04/08/26 17:08	Texas
880-70752-26	CS - 26 (0.5')	Solid	04/08/26 13:10	04/08/26 17:08	Texas
880-70752-27	CS - 27 (0.5')	Solid	04/08/26 13:12	04/08/26 17:08	Texas
880-70752-28	CS - 28 (0.5')	Solid	04/08/26 13:14	04/08/26 17:08	Texas
880-70752-29	CS - 29 (0.5')	Solid	04/08/26 13:16	04/08/26 17:08	Texas
880-70752-30	CS - 30 (0.5')	Solid	04/08/26 13:18	04/08/26 17:08	Texas
880-70752-31	CS - 31 (0.5')	Solid	04/08/26 13:20	04/08/26 17:08	Texas
880-70752-32	CS - 32 (0.5')	Solid	04/08/26 13:22	04/08/26 17:08	Texas
880-70752-33	CS - 33 (0.5')	Solid	04/08/26 13:24	04/08/26 17:08	Texas
880-70752-34	CS - 34 (0.5')	Solid	04/08/26 13:26	04/08/26 17:08	Texas
880-70752-35	CS - 35 (0.5')	Solid	04/08/26 13:28	04/08/26 17:08	Texas
880-70752-36	CS - 36 (0.5')	Solid	04/08/26 13:30	04/08/26 17:08	Texas
880-70752-37	CS - 37 (0.5')	Solid	04/08/26 13:32	04/08/26 17:08	Texas
880-70752-38	CS - 38 (0.5')	Solid	04/08/26 13:34	04/08/26 17:08	Texas
880-70752-39	CS - 39 (0.5')	Solid	04/08/26 13:36	04/08/26 17:08	Texas
880-70752-40	CS - 40 (0.5')	Solid	04/08/26 13:38	04/08/26 17:08	Texas
880-70752-41	CS - 41 (0.5')	Solid	04/08/26 13:40	04/08/26 17:08	Texas
880-70752-42	CS - 42 (0.5')	Solid	04/08/26 13:42	04/08/26 17:08	Texas
880-70752-43	CS - 43 (0.5')	Solid	04/08/26 13:44	04/08/26 17:08	Texas
880-70752-44	CS - 44 (0.5')	Solid	04/08/26 13:46	04/08/26 17:08	Texas
880-70752-45	CS - 45 (0.5')	Solid	04/08/26 13:48	04/08/26 17:08	Texas
880-70752-46	CS - 46 (0.5')	Solid	04/08/26 13:50	04/08/26 17:08	Texas
880-70752-47	CS - 47 (0.5')	Solid	04/08/26 13:52	04/08/26 17:08	Texas
880-70752-48	CS - 48 (0.5')	Solid	04/08/26 13:54	04/08/26 17:08	Texas
880-70752-49	CS - 49 (0.5')	Solid	04/08/26 13:56	04/08/26 17:08	Texas
880-70752-50	CS - 50 (0.5')	Solid	04/08/26 13:58	04/08/26 17:08	Texas
880-70752-51	CS - 51 (0.5')	Solid	04/08/26 14:00	04/08/26 17:08	Texas
880-70752-52	CS - 52 (0.5')	Solid	04/08/26 14:02	04/08/26 17:08	Texas
880-70752-53	CS - 53 (0.5')	Solid	04/08/26 14:04	04/08/26 17:08	Texas

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-70752-1
SDG: Lea county New Mexiico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-70752-54	CS - 54 (0.5')	Solid	04/08/26 14:06	04/08/26 17:08	Texas
880-70752-55	CS - 55 (0.5')	Solid	04/08/26 14:08	04/08/26 17:08	Texas

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Chain of Custody



880-70752 Chain of Custody

Page 1 of 6

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Mainfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

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

Project Name:		Keohane Federal Com 1 CTB		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	3204	☐ Routine	☒ Rush													None: NO	DI Water: H ₂ O			
Project Location	Lea County, New Mexico			Due Date:	72 HR													Cool: Cool	MeOH: Me	
Sampler's Name:	JDC															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:	125	BTX 8021B												NaHSO ₄ : NABIS			
	Cooler Custody Seals:	Yes ☒ No ☐ N/A	Correction Factor:	1	TPH 8015M (GRO + DRO + MRO)												Na ₂ S ₂ O ₃ : NaSO ₃			
	Sample Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading:	3.8	Chloride 300.0												Zn Acetate+NaOH: Zn			
	Total Containers:				Corrected Temperature:	3.4													NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments
CS-1 (0.5)		4/8/2026	12:20	X		C	1	X	X	X										
CS-2 (0.5)		4/8/2026	12:22	X		C	1	X	X	X										
CS-3 (0.5)		4/8/2026	12:24	X		C	1	X	X	X										
CS-4 (0.5)		4/8/2026	12:26	X		C	1	X	X	X										
CS-5 (0.5)		4/8/2026	12:28	X		C	1	X	X	X										
CS-6 (0.5)		4/8/2026	12:30	X		C	1	X	X	X										
CS-7 (0.5)		4/8/2026	12:32	X		C	1	X	X	X										
CS-8 (0.5)		4/8/2026	12:34	X		C	1	X	X	X										
CS-9 (0.5)		4/8/2026	12:36	X		C	1	X	X	X										
CS-10 (0.5)		4/8/2026	12:38	X		C	1	X	X	X										

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	4/8/26 1708	<i>[Signature]</i>	4/8/26 1708

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Chain of Custody

Work Order No: _____

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Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Martenfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@colterra.com & ashton.thielke@colterra.com

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:		Keohane Federal Com 1 CTB		Turn Around			ANALYSIS REQUEST												Preservative Codes		
Project Number:		3204		☐ Routine ☒ Rush				Pres. Code										None: NO		DI Water: H ₂ O	
Project Location:		Lea County, New Mexico		Due Date:		72 HR												Cool: Cool		MeOH: Me	
Sampler's Name:		JDC																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:				125										NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No ☒ N/A ☒		Correction Factor:				.1										Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No ☒ N/A ☒		Temperature Reading:				3.8										Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:				3.4										NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date		Time		Soil		Water		Grab/ Comp		# of Cont								Sample Comments	
CS-11 (0.5')		4/8/2026		12:40		X				C		1		X		X		X			
CS-12 (0.5')		4/8/2026		12:42		X				C		1		X		X		X			
CS-13 (0.5')		4/8/2026		12:44		X				C		1		X		X		X			
CS-14 (0.5')		4/8/2026		12:46		X				C		1		X		X		X			
CS-15 (0.5')		4/8/2026		12:48		X				C		1		X		X		X			
CS-16 (0.5')		4/8/2026		12:50		X				C		1		X		X		X			
CS-17 (0.5')		4/8/2026		12:52		X				C		1		X		X		X			
CS-18 (0.5')		4/8/2026		12:54		X				C		1		X		X		X			
CS-19 (0.5')		4/8/2026		12:56		X				C		1		X		X		X			
CS-20 (0.5')		4/8/2026		12:58		X				C		1		X		X		X			

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/8/26 1708		4/8/26 1708

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Chain of Custody

Work Order No: _____

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Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmora Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marientfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

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

Project Name:		Keohane Federal Com 1 CTB		Turn Around			Pres. Code	ANALYSIS REQUEST										Preservative Codes	
Project Number:	3204	☐ Routine	☒ Rush	Due Date:	72 HR	BTEX 8021B		TPH 8015M (GRO + DRO + MRO)	Chloride 300.0								None: NO	DI Water: H ₂ O	
Project Location	Lea County, New Mexico																Cool: Cool	MeOH: Me	
Sampler's Name:	JDC																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												Hold	
Received Intact:		Yes ☒ No ☐	Thermometer ID:	IR5														NaHSO ₄ : NABIS	
Cooler Custody Seals:		Yes ☒ No ☒ N/A	Correction Factor:	1														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Yes ☒ No ☒ N/A	Temperature Reading:	3.8														Zn Acetate+NaOH: Zn	
Total Containers:			Corrected Temperature:	3.9														NaOH+Ascorbic Acid: S APC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
CS-21 (0.5)		4/8/2026	1:00	X		C	1	X	X	X									
CS-22 (0.5)		4/8/2026	1:02	X		C	1	X	X	X									
CS-23 (0.5)		4/8/2026	1:04	X		C	1	X	X	X									
CS-24 (0.5)		4/8/2026	1:06	X		C	1	X	X	X									
CS-25 (0.5)		4/8/2026	1:08	X		C	1	X	X	X									
CS-26 (0.5)		4/8/2026	1:10	X		C	1	X	X	X									
CS-27 (0.5)		4/8/2026	1:12	X		C	1	X	X	X									
CS-28 (0.5)		4/8/2026	1:14	X		C	1	X	X	X									
CS-29 (0.5)		4/8/2026	1:16	X		C	1	X	X	X									
CS-30 (0.5)		4/8/2026	1:18	X		C	1	X	X	X									

Comments:

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

Chain of Custody

Work Order No: _____

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Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmora Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Mainfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Program: UST/PST ☐ PRP ☐ Rowfields ☐ RC ☐ Infield ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	Deliverables: EDD ☐ ADAPT ☐ Other: _____

Project Name:	Keohane Federal Com 1 CTB		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	3204	☐ Routine ☒ Rush	Due Date:	72 HR														None: NO	DI Water: H ₂ O
Project Location:	Lea County, New Mexico														Cool: Cool	MeOH: Me			
Sampler's Name:	JDC													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 Inact:	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-31 (0.5')	4/8/2026	1:20	X		C	1	X	X	X	X										
CS-32 (0.5')	4/8/2026	1:22	X		C	1	X	X	X	X										
CS-33 (0.5')	4/8/2026	1:24	X		C	1	X	X	X	X										
CS-34 (0.5')	4/8/2026	1:26	X		C	1	X	X	X	X										
CS-35 (0.5')	4/8/2026	1:28	X		C	1	X	X	X	X										
CS-36 (0.5')	4/8/2026	1:30	X		C	1	X	X	X	X										
CS-37 (0.5')	4/8/2026	1:32	X		C	1	X	X	X	X										
CS-38 (0.5')	4/8/2026	1:34	X		C	1	X	X	X	X										
CS-39 (0.5')	4/8/2026	1:36	X		C	1	X	X	X	X										
CS-40 (0.5')	4/8/2026	1:38	X		C	1	X	X	X	X										

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/8 1708		4/8 1708

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Chain of Custody

Work Order No: _____

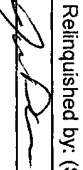
Page 5 of 6

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmora Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Mainfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@colterra.com & ashton.thielke@colterra.com

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

Project Name:	Keokane Federal Com 1 CTB		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	3204		☐ Routine	☒ Rush														None: NO	DI Water: H ₂ O		
Project Location:	Lea County, New Mexico		Due Date:	72 HR.														Cool: Cool	MeOH: Me		
Sampler's Name:	JDC																	HCL: HC	HNO ₃ : HN		
PO #:			Temp Blank:	Yes ☒ No ☐	Wet Ice:	☒ Yes ☐ No ☐														H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT			Received Inact:	Yes ☒ No ☐	Thermometer ID:	TR5														H ₃ PO ₄ : HP	
Cooler Custody Seals:			Yes ☒ No ☐ M/A ☐	Correction Factor:	1														NaHSO ₄ : NABIS		
Sample Custody Seals:			Yes ☒ No ☐ M/A ☐	Temperature Reading:	3.8														Na ₂ S ₂ O ₃ : NaSO ₃		
Total Containers:			Corrected Temperature:	3.9														Zn Acetate+NaOH: Zn			
																		NaOH+Ascorbic Acid: SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments		
CS-41 (0.5')	4/8/2026	1:40	X		C	1	X	X	X	X											
CS-42 (0.5')	4/8/2026	1:42	X		C	1	X	X	X	X											
CS-43 (0.5')	4/8/2026	1:44	X		C	1	X	X	X	X											
CS-44 (0.5')	4/8/2026	1:46	X		C	1	X	X	X	X											
CS-45 (0.5')	4/8/2026	1:48	X		C	1	X	X	X	X											
CS-46 (0.5')	4/8/2026	1:50	X		C	1	X	X	X	X											
CS-47 (0.5')	4/8/2026	1:52	X		C	1	X	X	X	X											
CS-48 (0.5')	4/8/2026	1:54	X		C	1	X	X	X	X											
CS-49 (0.5')	4/8/2026	1:56	X		C	1	X	X	X	X											
CS-50 (0.5')	4/8/2026	1:58	X		C	1	X	X	X	X											

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/8 1708		4/8 1708

Chain of Custody

Work Order No.: _____

Page 6 of 6

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marlenfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

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

[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-70752-1

SDG Number: Lea county New Mexico

Login Number: 70752

List Number: 1

Creator: Neeld, Linsey

List Source: Eurofins Midland

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



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/29/2026 2:29:22 PM

JOB DESCRIPTION

Keohane Federal Com 1 CTB
Lea County New Mexico

JOB NUMBER

880-71535-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



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4/29/2026 2:29:22 PM

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

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Laboratory Job ID: 880-71535-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71535-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Keohane Federal Com 1 CTB

Job ID: 880-71535-1

Job ID: 880-71535-1**Eurofins Midland****Job Narrative
880-71535-1**

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

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

Receipt

The sample was received on 4/28/2026 8:47 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.0°C.

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71535-1
SDG: Lea County New Mexico

Client Sample ID: CS-41 (0.75')

Lab Sample ID: 880-71535-1

Date Collected: 04/20/26 10:20

Matrix: Solid

Date Received: 04/28/26 08:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/28/26 12:33	04/28/26 15:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/28/26 12:33	04/28/26 15:39	1
Ethylbenzene	0.00209		0.00200		mg/Kg		04/28/26 12:33	04/28/26 15:39	1
m-Xylene & p-Xylene	0.00435		0.00399		mg/Kg		04/28/26 12:33	04/28/26 15:39	1
o-Xylene	0.00215		0.00200		mg/Kg		04/28/26 12:33	04/28/26 15:39	1
Xylenes, Total	0.00650		0.00399		mg/Kg		04/28/26 12:33	04/28/26 15:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/28/26 12:33	04/28/26 15:39	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/28/26 12:33	04/28/26 15:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00859		0.00399		mg/Kg			04/28/26 15:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/29/26 00:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/23/26 19:27	04/29/26 00:50	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/23/26 19:27	04/29/26 00:50	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/23/26 19:27	04/29/26 00:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				04/23/26 19:27	04/29/26 00:50	1
o-Terphenyl (Surr)	83		70 - 130				04/23/26 19:27	04/29/26 00:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/28/26 19:07	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71535-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-71535-1	CS-41 (0.75')	102	95
880-71535-1 MS	CS-41 (0.75')	95	93
880-71535-1 MSD	CS-41 (0.75')	103	100
LCS 880-139240/1-A	Lab Control Sample	100	95
LCSD 880-139240/2-A	Lab Control Sample Dup	107	100
MB 880-139240/5-A	Method Blank	105	99
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-71353-A-1-B MS	Matrix Spike	101	99
880-71353-A-1-C MSD	Matrix Spike Duplicate	100	100
880-71535-1	CS-41 (0.75')	92	83
LCS 880-138808/2-A	Lab Control Sample	96	93
LCSD 880-138808/3-A	Lab Control Sample Dup	96	94
MB 880-138808/1-A	Method Blank	99	82
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71535-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-139240/5-A

Matrix: Solid

Analysis Batch: 139241

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139240

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/28/26 12:33	04/28/26 15:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/28/26 12:33	04/28/26 15:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/28/26 12:33	04/28/26 15:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/28/26 12:33	04/28/26 15:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/28/26 12:33	04/28/26 15:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/28/26 12:33	04/28/26 15:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/28/26 12:33	04/28/26 15:17	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/28/26 12:33	04/28/26 15:17	1

Lab Sample ID: LCS 880-139240/1-A

Matrix: Solid

Analysis Batch: 139241

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139240

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1132		mg/Kg		113	70 - 130
Toluene	0.100	0.1092		mg/Kg		109	70 - 130
Ethylbenzene	0.100	0.1068		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	0.200	0.2143		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1083		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-139240/2-A

Matrix: Solid

Analysis Batch: 139241

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139240

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1034		mg/Kg		103	70 - 130	9	35
Toluene	0.100	0.1007		mg/Kg		101	70 - 130	8	35
Ethylbenzene	0.100	0.09628		mg/Kg		96	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.1936		mg/Kg		97	70 - 130	10	35
o-Xylene	0.100	0.1001		mg/Kg		100	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-71535-1 MS

Matrix: Solid

Analysis Batch: 139241

Client Sample ID: CS-41 (0.75')

Prep Type: Total/NA

Prep Batch: 139240

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1045		mg/Kg		105	70 - 130
Toluene	<0.00200	U	0.100	0.1002		mg/Kg		100	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71535-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71535-1 MS

Client Sample ID: CS-41 (0.75')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 139241

Prep Batch: 139240

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.00209		0.100	0.09677		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.00435		0.200	0.1983		mg/Kg		97	70 - 130
o-Xylene	0.00215		0.100	0.09854		mg/Kg		96	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-71535-1 MSD

Client Sample ID: CS-41 (0.75')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 139241

Prep Batch: 139240

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1022		mg/Kg		102	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.09859		mg/Kg		99	70 - 130	2	35
Ethylbenzene	0.00209		0.100	0.09301		mg/Kg		91	70 - 130	4	35
m-Xylene & p-Xylene	0.00435		0.200	0.1918		mg/Kg		94	70 - 130	3	35
o-Xylene	0.00215		0.100	0.09685		mg/Kg		95	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

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

Lab Sample ID: MB 880-138808/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 139205

Prep Batch: 138808

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/23/26 19:27	04/28/26 18:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/23/26 19:27	04/28/26 18:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/23/26 19:27	04/28/26 18:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130	04/23/26 19:27	04/28/26 18:25	1
o-Terphenyl (Surr)	82		70 - 130	04/23/26 19:27	04/28/26 18:25	1

Lab Sample ID: LCS 880-138808/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 139205

Prep Batch: 138808

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1001		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	888.3		mg/Kg		89	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71535-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-138808/2-A

Matrix: Solid

Analysis Batch: 139205

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138808

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-138808/3-A

Matrix: Solid

Analysis Batch: 139205

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138808

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1004		mg/Kg		100	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	888.8		mg/Kg		89	70 - 130	0	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	94		70 - 130

Lab Sample ID: 880-71353-A-1-B MS

Matrix: Solid

Analysis Batch: 139205

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 138808

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	907.4		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	846.4		mg/Kg		85	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	99		70 - 130

Lab Sample ID: 880-71353-A-1-C MSD

Matrix: Solid

Analysis Batch: 139205

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 138808

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	992	892.2		mg/Kg		88	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	992	854.8		mg/Kg		86	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	100		70 - 130
o-Terphenyl (Surr)	100		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71535-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-139207/1-A

Matrix: Solid

Analysis Batch: 139285

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/28/26 18:52	1

Lab Sample ID: LCS 880-139207/2-A

Matrix: Solid

Analysis Batch: 139285

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	236.5		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-139207/3-A

Matrix: Solid

Analysis Batch: 139285

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	234.9		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 880-71535-1 MS

Matrix: Solid

Analysis Batch: 139285

Client Sample ID: CS-41 (0.75')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.0	U	251	233.5		mg/Kg		91	90 - 110

Lab Sample ID: 880-71535-1 MSD

Matrix: Solid

Analysis Batch: 139285

Client Sample ID: CS-41 (0.75')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.0	U	251	264.0		mg/Kg		103	90 - 110	12	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71535-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 139240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71535-1	CS-41 (0.75')	Total/NA	Solid	5035	
MB 880-139240/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-139240/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-139240/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71535-1 MS	CS-41 (0.75')	Total/NA	Solid	5035	
880-71535-1 MSD	CS-41 (0.75')	Total/NA	Solid	5035	

Analysis Batch: 139241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71535-1	CS-41 (0.75')	Total/NA	Solid	8021B	139240
MB 880-139240/5-A	Method Blank	Total/NA	Solid	8021B	139240
LCS 880-139240/1-A	Lab Control Sample	Total/NA	Solid	8021B	139240
LCSD 880-139240/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139240
880-71535-1 MS	CS-41 (0.75')	Total/NA	Solid	8021B	139240
880-71535-1 MSD	CS-41 (0.75')	Total/NA	Solid	8021B	139240

Analysis Batch: 139300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71535-1	CS-41 (0.75')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 138808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71535-1	CS-41 (0.75')	Total/NA	Solid	8015NM Prep	
MB 880-138808/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138808/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138808/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-71353-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-71353-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 139205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71535-1	CS-41 (0.75')	Total/NA	Solid	8015B NM	138808
MB 880-138808/1-A	Method Blank	Total/NA	Solid	8015B NM	138808
LCS 880-138808/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138808
LCSD 880-138808/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138808
880-71353-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	138808
880-71353-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	138808

Analysis Batch: 139370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71535-1	CS-41 (0.75')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 139207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71535-1	CS-41 (0.75')	Soluble	Solid	DI Leach	
MB 880-139207/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-139207/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-139207/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71535-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 139207 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71535-1 MS	CS-41 (0.75')	Soluble	Solid	DI Leach	
880-71535-1 MSD	CS-41 (0.75')	Soluble	Solid	DI Leach	

Analysis Batch: 139285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71535-1	CS-41 (0.75')	Soluble	Solid	300.0	139207
MB 880-139207/1-A	Method Blank	Soluble	Solid	300.0	139207
LCS 880-139207/2-A	Lab Control Sample	Soluble	Solid	300.0	139207
LCSD 880-139207/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	139207
880-71535-1 MS	CS-41 (0.75')	Soluble	Solid	300.0	139207
880-71535-1 MSD	CS-41 (0.75')	Soluble	Solid	300.0	139207

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71535-1
SDG: Lea County New Mexico

Client Sample ID: CS-41 (0.75')
Date Collected: 04/20/26 10:20
Date Received: 04/28/26 08:47

Lab Sample ID: 880-71535-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	139240	04/28/26 12:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139241	04/28/26 15:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139300	04/28/26 15:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			139370	04/29/26 00:50	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138808	04/23/26 19:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139205	04/29/26 00:50	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139207	04/28/26 10:05	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139285	04/28/26 19:07	CS	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71535-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71535-1
SDG: Lea County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71535-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-71535-1	CS-41 (0.75')	Solid	04/20/26 10:20	04/28/26 08:47	Texas

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- 14

Project Manager:	Ashlon Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Mainfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashlon.thielke@coterra.com

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

[illegible]

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4.28.26.847



8880-71535 Chain of Custody

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-71535-1

SDG Number: Lea County New Mexico

Login Number: 71535

List Number: 1

List Source: Eurofins Midland

Creator: Dyal, Erica

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



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/27/2026 2:33:47 PM

JOB DESCRIPTION

Keohane Federal Com 1 CTB
Lea County New Mexico

JOB NUMBER

880-71113-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
4/27/2026 2:33:47 PM

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

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Laboratory Job ID: 880-71113-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Keohane Federal Com 1 CTB

Job ID: 880-71113-1

Job ID: 880-71113-1

Eurofins Midland

Job Narrative
880-71113-1

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

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

Receipt

The samples were received on 4/17/2026 8:41 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -9.6°C.

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: (CCV 880-139015/2), (LCS 880-138611/1-A), (LCSD 880-138611/2-A), (880-71047-A-1-C MS) and (880-71047-A-1-D MSD). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5') (880-71113-1), H-2 (0-0.5') (880-71113-2), H-3 (0-0.5') (880-71113-3), H-4 (0-0.5') (880-71113-4), H-5 (0-0.5') (880-71113-5), H-6 (0-0.5') (880-71113-6), H-7 (0-0.5') (880-71113-7), (CCV 880-139015/20), (CCV 880-139015/33) and (880-71047-A-1-E). Evidence of matrix interferences is not obvious.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-139015 recovered above the upper control limit for m-Xylene & p-Xylene and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 880-139015/33).

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-138611 and analytical batch 880-139015 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-138611 and analytical batch 880-139015 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Diesel Range Organics

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-138247 and analytical batch 880-138804 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-138247 and analytical batch 880-138804 was outside control limits. Sample matrix interference and/or non-homogeneity is suspected.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-138804 recovered outside control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-138804/57).

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: H-6 (0-0.5') (880-71113-6) and (880-71105-A-1-H). Evidence of matrix interferences is not obvious.

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Keohane Federal Com 1 CTB

Job ID: 880-71113-1

Job ID: 880-71113-1 (Continued)

Eurofins Midland

HPLC/IC

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

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Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71113-1

Date Collected: 04/14/26 11:00

Matrix: Solid

Date Received: 04/17/26 08:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:14	04/26/26 21:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:14	04/26/26 21:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:14	04/26/26 21:59	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/22/26 13:14	04/26/26 21:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:14	04/26/26 21:59	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/22/26 13:14	04/26/26 21:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	175	S1+	70 - 130	04/22/26 13:14	04/26/26 21:59	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/22/26 13:14	04/26/26 21:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/26/26 21:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/24/26 04:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:38	04/24/26 04:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		04/19/26 17:38	04/24/26 04:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:38	04/24/26 04:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130	04/19/26 17:38	04/24/26 04:32	1
o-Terphenyl (Surr)	94		70 - 130	04/19/26 17:38	04/24/26 04:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.9		10.0		mg/Kg			04/22/26 07:13	1

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

Lab Sample ID: 880-71113-2

Date Collected: 04/14/26 11:03

Matrix: Solid

Date Received: 04/17/26 08:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:14	04/26/26 22:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:14	04/26/26 22:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:14	04/26/26 22:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/22/26 13:14	04/26/26 22:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:14	04/26/26 22:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/22/26 13:14	04/26/26 22:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	182	S1+	70 - 130	04/22/26 13:14	04/26/26 22:19	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/22/26 13:14	04/26/26 22:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71113-2

Date Collected: 04/14/26 11:03

Matrix: Solid

Date Received: 04/17/26 08:41

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/26/26 22:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/24/26 04:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/19/26 17:38	04/24/26 04:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		04/19/26 17:38	04/24/26 04:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/19/26 17:38	04/24/26 04:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130				04/19/26 17:38	04/24/26 04:52	1
o-Terphenyl (Surr)	76		70 - 130				04/19/26 17:38	04/24/26 04:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.5		10.0		mg/Kg			04/22/26 07:27	1

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

Lab Sample ID: 880-71113-3

Date Collected: 04/14/26 11:06

Matrix: Solid

Date Received: 04/17/26 08:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/26/26 22:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/26/26 22:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/26/26 22:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/22/26 13:14	04/26/26 22:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/26/26 22:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/22/26 13:14	04/26/26 22:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	180	S1+	70 - 130				04/22/26 13:14	04/26/26 22:40	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/22/26 13:14	04/26/26 22:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/26/26 22:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/24/26 05:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/19/26 17:38	04/24/26 05:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		04/19/26 17:38	04/24/26 05:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71113-3

Date Collected: 04/14/26 11:06

Matrix: Solid

Date Received: 04/17/26 08:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/19/26 17:38	04/24/26 05:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130				04/19/26 17:38	04/24/26 05:12	1
o-Terphenyl (Surr)	90		70 - 130				04/19/26 17:38	04/24/26 05:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/22/26 07:32	1

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

Lab Sample ID: 880-71113-4

Date Collected: 04/14/26 11:09

Matrix: Solid

Date Received: 04/17/26 08:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:14	04/27/26 00:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:14	04/27/26 00:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:14	04/27/26 00:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/22/26 13:14	04/27/26 00:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 13:14	04/27/26 00:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/22/26 13:14	04/27/26 00:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	180	S1+	70 - 130				04/22/26 13:14	04/27/26 00:15	1
1,4-Difluorobenzene (Surr)	91		70 - 130				04/22/26 13:14	04/27/26 00:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/27/26 00:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/24/26 05:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:38	04/24/26 05:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		04/19/26 17:38	04/24/26 05:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:38	04/24/26 05:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130				04/19/26 17:38	04/24/26 05:33	1
o-Terphenyl (Surr)	103		70 - 130				04/19/26 17:38	04/24/26 05:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			04/22/26 07:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71113-5

Date Collected: 04/14/26 11:12

Matrix: Solid

Date Received: 04/17/26 08:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:14	04/27/26 00:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:14	04/27/26 00:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:14	04/27/26 00:35	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/22/26 13:14	04/27/26 00:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/22/26 13:14	04/27/26 00:35	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/22/26 13:14	04/27/26 00:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	207	S1+	70 - 130	04/22/26 13:14	04/27/26 00:35	1
1,4-Difluorobenzene (Surr)	109		70 - 130	04/22/26 13:14	04/27/26 00:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/27/26 00:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/24/26 05:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/19/26 17:38	04/24/26 05:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		04/19/26 17:38	04/24/26 05:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/19/26 17:38	04/24/26 05:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130	04/19/26 17:38	04/24/26 05:53	1
o-Terphenyl (Surr)	78		70 - 130	04/19/26 17:38	04/24/26 05:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.8		9.92		mg/Kg			04/22/26 07:42	1

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

Lab Sample ID: 880-71113-6

Date Collected: 04/14/26 11:15

Matrix: Solid

Date Received: 04/17/26 08:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:14	04/27/26 00:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:14	04/27/26 00:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:14	04/27/26 00:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/22/26 13:14	04/27/26 00:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/22/26 13:14	04/27/26 00:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/22/26 13:14	04/27/26 00:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	185	S1+	70 - 130	04/22/26 13:14	04/27/26 00:56	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/22/26 13:14	04/27/26 00:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71113-6

Date Collected: 04/14/26 11:15

Matrix: Solid

Date Received: 04/17/26 08:41

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/27/26 00:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/24/26 06:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:38	04/24/26 06:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		04/19/26 17:38	04/24/26 06:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:38	04/24/26 06:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130				04/19/26 17:38	04/24/26 06:13	1
o-Terphenyl (Surr)	40	S1-	70 - 130				04/19/26 17:38	04/24/26 06:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.3		9.98		mg/Kg			04/22/26 07:56	1

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

Lab Sample ID: 880-71113-7

Date Collected: 04/14/26 11:18

Matrix: Solid

Date Received: 04/17/26 08:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/22/26 13:14	04/27/26 01:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/22/26 13:14	04/27/26 01:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/22/26 13:14	04/27/26 01:17	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/22/26 13:14	04/27/26 01:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/22/26 13:14	04/27/26 01:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/22/26 13:14	04/27/26 01:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	173	S1+	70 - 130				04/22/26 13:14	04/27/26 01:17	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/22/26 13:14	04/27/26 01:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/27/26 01:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/24/26 06:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:38	04/24/26 06:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		04/19/26 17:38	04/24/26 06:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71113-7

Date Collected: 04/14/26 11:18

Matrix: Solid

Date Received: 04/17/26 08:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:38	04/24/26 06:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130				04/19/26 17:38	04/24/26 06:34	1
o-Terphenyl (Surr)	76		70 - 130				04/19/26 17:38	04/24/26 06:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.4		10.0		mg/Kg			04/22/26 08:01	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-71047-A-1-C MS	Matrix Spike	149 S1+	90
880-71047-A-1-D MSD	Matrix Spike Duplicate	170 S1+	97
880-71113-1	H-1 (0-0.5')	175 S1+	95
880-71113-2	H-2 (0-0.5')	182 S1+	92
880-71113-3	H-3 (0-0.5')	180 S1+	94
880-71113-4	H-4 (0-0.5')	180 S1+	91
880-71113-5	H-5 (0-0.5')	207 S1+	109
880-71113-6	H-6 (0-0.5')	185 S1+	92
880-71113-7	H-7 (0-0.5')	173 S1+	99
LCS 880-138611/1-A	Lab Control Sample	99	67 S1-
LCSD 880-138611/2-A	Lab Control Sample Dup	152 S1+	84
MB 880-138611/5-A	Method Blank	151 S1+	82
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-71105-A-1-I MS	Matrix Spike	97	70
880-71105-A-1-J MSD	Matrix Spike Duplicate	64 S1-	46 S1-
880-71113-1	H-1 (0-0.5')	94	94
880-71113-2	H-2 (0-0.5')	78	76
880-71113-3	H-3 (0-0.5')	93	90
880-71113-4	H-4 (0-0.5')	112	103
880-71113-5	H-5 (0-0.5')	82	78
880-71113-6	H-6 (0-0.5')	79	40 S1-
880-71113-7	H-7 (0-0.5')	77	76
LCS 880-138247/2-A	Lab Control Sample	126	116
LCSD 880-138247/3-A	Lab Control Sample Dup	85	80
MB 880-138247/1-A	Method Blank	75	75
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-138611/5-A

Matrix: Solid

Analysis Batch: 139015

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138611

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/26/26 19:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/26/26 19:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/26/26 19:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 13:14	04/26/26 19:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 13:14	04/26/26 19:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 13:14	04/26/26 19:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130	04/22/26 13:14	04/26/26 19:13	1
1,4-Difluorobenzene (Surr)	82		70 - 130	04/22/26 13:14	04/26/26 19:13	1

Lab Sample ID: LCS 880-138611/1-A

Matrix: Solid

Analysis Batch: 139015

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138611

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07331		mg/Kg		73	70 - 130
Toluene	0.100	0.09580		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.1046		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2143		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1018		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	67	S1-	70 - 130

Lab Sample ID: LCSD 880-138611/2-A

Matrix: Solid

Analysis Batch: 139015

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138611

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.07009		mg/Kg		70	70 - 130	4	35
Toluene	0.100	0.09226		mg/Kg		92	70 - 130	4	35
Ethylbenzene	0.100	0.1069		mg/Kg		107	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2065		mg/Kg		103	70 - 130	4	35
o-Xylene	0.100	0.1029		mg/Kg		103	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 880-71047-A-1-C MS

Matrix: Solid

Analysis Batch: 139015

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 138611

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F2 F1	0.100	0.06782	F1	mg/Kg		68	70 - 130
Toluene	<0.00200	U F2 F1	0.100	0.09306		mg/Kg		93	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71047-A-1-C MS

Matrix: Solid

Analysis Batch: 139015

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 138611

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.1026		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.1988		mg/Kg		99	70 - 130
o-Xylene	<0.00200	U F2 F1	0.100	0.1046		mg/Kg		105	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-71047-A-1-D MSD

Matrix: Solid

Analysis Batch: 139015

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 138611

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.100	0.1118	F2	mg/Kg		112	70 - 130	49	35
Toluene	<0.00200	U F2 F1	0.100	0.1464	F1 F2	mg/Kg		146	70 - 130	45	35
Ethylbenzene	<0.00200	U	0.100	0.1287		mg/Kg		129	70 - 130	22	35
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.3089	F1 F2	mg/Kg		154	70 - 130	43	35
o-Xylene	<0.00200	U F2 F1	0.100	0.1708	F1 F2	mg/Kg		171	70 - 130	48	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	170	S1+	70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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

Lab Sample ID: MB 880-138247/1-A

Matrix: Solid

Analysis Batch: 138804

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138247

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/19/26 17:38	04/24/26 02:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/19/26 17:38	04/24/26 02:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/19/26 17:38	04/24/26 02:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	75		70 - 130	04/19/26 17:38	04/24/26 02:29	1
o-Terphenyl (Surr)	75		70 - 130	04/19/26 17:38	04/24/26 02:29	1

Lab Sample ID: LCS 880-138247/2-A

Matrix: Solid

Analysis Batch: 138804

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138247

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1117		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1134		mg/Kg		113	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-138247/2-A

Matrix: Solid

Analysis Batch: 138804

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138247

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	126		70 - 130
o-Terphenyl (Surr)	116		70 - 130

Lab Sample ID: LCSD 880-138247/3-A

Matrix: Solid

Analysis Batch: 138804

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138247

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1082		mg/Kg		108	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	774.7	*1	mg/Kg		77	70 - 130	38	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	85		70 - 130
o-Terphenyl (Surr)	80		70 - 130

Lab Sample ID: 880-71105-A-1-I MS

Matrix: Solid

Analysis Batch: 138804

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 138247

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1 F2	1000	659.2	F1	mg/Kg		63	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U *1 F1 F2	1000	610.9	F1	mg/Kg		59	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	97		70 - 130
o-Terphenyl (Surr)	70		70 - 130

Lab Sample ID: 880-71105-A-1-J MSD

Matrix: Solid

Analysis Batch: 138804

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 138247

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1 F2	1000	1042	F2	mg/Kg		101	70 - 130	45	20
Diesel Range Organics (Over C10-C28)	<50.1	U *1 F1 F2	1000	399.0	F1 F2	mg/Kg		38	70 - 130	42	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	64	S1-	70 - 130
o-Terphenyl (Surr)	46	S1-	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138333/1-A

Matrix: Solid

Analysis Batch: 138357

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/22/26 06:58	1

Lab Sample ID: LCS 880-138333/2-A

Matrix: Solid

Analysis Batch: 138357

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	266.9		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-138333/3-A

Matrix: Solid

Analysis Batch: 138357

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	269.2		mg/Kg		108	90 - 110	1	20

Lab Sample ID: 880-71113-1 MS

Matrix: Solid

Analysis Batch: 138357

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.9		251	282.7		mg/Kg		108	90 - 110

Lab Sample ID: 880-71113-1 MSD

Matrix: Solid

Analysis Batch: 138357

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.9		251	284.0		mg/Kg		109	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 138611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71113-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-71113-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-71113-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-71113-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-71113-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-71113-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-71113-7	H-7 (0-0.5')	Total/NA	Solid	5035	
MB 880-138611/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138611/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138611/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71047-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-71047-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 139015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71113-1	H-1 (0-0.5')	Total/NA	Solid	8021B	138611
880-71113-2	H-2 (0-0.5')	Total/NA	Solid	8021B	138611
880-71113-3	H-3 (0-0.5')	Total/NA	Solid	8021B	138611
880-71113-4	H-4 (0-0.5')	Total/NA	Solid	8021B	138611
880-71113-5	H-5 (0-0.5')	Total/NA	Solid	8021B	138611
880-71113-6	H-6 (0-0.5')	Total/NA	Solid	8021B	138611
880-71113-7	H-7 (0-0.5')	Total/NA	Solid	8021B	138611
MB 880-138611/5-A	Method Blank	Total/NA	Solid	8021B	138611
LCS 880-138611/1-A	Lab Control Sample	Total/NA	Solid	8021B	138611
LCSD 880-138611/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138611
880-71047-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	138611
880-71047-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	138611

Analysis Batch: 139097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71113-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-71113-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-71113-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-71113-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-71113-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-71113-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-71113-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 138247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71113-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-71113-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-71113-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-71113-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-71113-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-71113-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-71113-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-138247/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138247/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 138247 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-138247/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-71105-A-1-I MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-71105-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 138804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71113-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	138247
880-71113-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	138247
880-71113-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	138247
880-71113-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	138247
880-71113-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	138247
880-71113-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	138247
880-71113-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	138247
MB 880-138247/1-A	Method Blank	Total/NA	Solid	8015B NM	138247
LCS 880-138247/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138247
LCSD 880-138247/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138247
880-71105-A-1-I MS	Matrix Spike	Total/NA	Solid	8015B NM	138247
880-71105-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	138247

Analysis Batch: 139033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71113-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-71113-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-71113-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-71113-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-71113-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-71113-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-71113-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 138333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71113-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-71113-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-71113-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-71113-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-71113-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-71113-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-71113-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-138333/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138333/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138333/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-71113-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-71113-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 138357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71113-1	H-1 (0-0.5')	Soluble	Solid	300.0	138333
880-71113-2	H-2 (0-0.5')	Soluble	Solid	300.0	138333
880-71113-3	H-3 (0-0.5')	Soluble	Solid	300.0	138333

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 138357 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71113-4	H-4 (0-0.5')	Soluble	Solid	300.0	138333
880-71113-5	H-5 (0-0.5')	Soluble	Solid	300.0	138333
880-71113-6	H-6 (0-0.5')	Soluble	Solid	300.0	138333
880-71113-7	H-7 (0-0.5')	Soluble	Solid	300.0	138333
MB 880-138333/1-A	Method Blank	Soluble	Solid	300.0	138333
LCS 880-138333/2-A	Lab Control Sample	Soluble	Solid	300.0	138333
LCSD 880-138333/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138333
880-71113-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	138333
880-71113-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	138333

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71113-1

Date Collected: 04/14/26 11:00

Matrix: Solid

Date Received: 04/17/26 08:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138611	04/22/26 13:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139015	04/26/26 21:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139097	04/26/26 21:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			139033	04/24/26 04:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138247	04/19/26 17:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/24/26 04:32	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138333	04/20/26 14:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138357	04/22/26 07:13	CS	EET MID

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

Lab Sample ID: 880-71113-2

Date Collected: 04/14/26 11:03

Matrix: Solid

Date Received: 04/17/26 08:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	138611	04/22/26 13:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139015	04/26/26 22:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139097	04/26/26 22:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			139033	04/24/26 04:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	138247	04/19/26 17:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/24/26 04:52	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138333	04/20/26 14:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138357	04/22/26 07:27	CS	EET MID

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

Lab Sample ID: 880-71113-3

Date Collected: 04/14/26 11:06

Matrix: Solid

Date Received: 04/17/26 08:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	138611	04/22/26 13:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139015	04/26/26 22:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139097	04/26/26 22:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			139033	04/24/26 05:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	138247	04/19/26 17:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/24/26 05:12	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	138333	04/20/26 14:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138357	04/22/26 07:32	CS	EET MID

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

Lab Sample ID: 880-71113-4

Date Collected: 04/14/26 11:09

Matrix: Solid

Date Received: 04/17/26 08:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	138611	04/22/26 13:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139015	04/27/26 00:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139097	04/27/26 00:15	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71113-4

Date Collected: 04/14/26 11:09

Matrix: Solid

Date Received: 04/17/26 08:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			139033	04/24/26 05:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138247	04/19/26 17:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/24/26 05:33	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138333	04/20/26 14:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138357	04/22/26 07:37	CS	EET MID

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

Lab Sample ID: 880-71113-5

Date Collected: 04/14/26 11:12

Matrix: Solid

Date Received: 04/17/26 08:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138611	04/22/26 13:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139015	04/27/26 00:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139097	04/27/26 00:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			139033	04/24/26 05:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138247	04/19/26 17:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/24/26 05:53	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138333	04/20/26 14:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138357	04/22/26 07:42	CS	EET MID

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

Lab Sample ID: 880-71113-6

Date Collected: 04/14/26 11:15

Matrix: Solid

Date Received: 04/17/26 08:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	138611	04/22/26 13:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139015	04/27/26 00:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139097	04/27/26 00:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			139033	04/24/26 06:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138247	04/19/26 17:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/24/26 06:13	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138333	04/20/26 14:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138357	04/22/26 07:56	CS	EET MID

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

Lab Sample ID: 880-71113-7

Date Collected: 04/14/26 11:18

Matrix: Solid

Date Received: 04/17/26 08:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	138611	04/22/26 13:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139015	04/27/26 01:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139097	04/27/26 01:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			139033	04/24/26 06:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138247	04/19/26 17:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/24/26 06:34	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

Client Sample ID: H-7 (0-0.5')
Date Collected: 04/14/26 11:18
Date Received: 04/17/26 08:41

Lab Sample ID: 880-71113-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	138333	04/20/26 14:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138357	04/22/26 08:01	CS	EET MID

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Keohane Federal Com 1 CTB

Job ID: 880-71113-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-71113-1	H-1 (0-0.5')	Solid	04/14/26 11:00	04/17/26 08:41	Texas
880-71113-2	H-2 (0-0.5')	Solid	04/14/26 11:03	04/17/26 08:41	Texas
880-71113-3	H-3 (0-0.5')	Solid	04/14/26 11:06	04/17/26 08:41	Texas
880-71113-4	H-4 (0-0.5')	Solid	04/14/26 11:09	04/17/26 08:41	Texas
880-71113-5	H-5 (0-0.5')	Solid	04/14/26 11:12	04/17/26 08:41	Texas
880-71113-6	H-6 (0-0.5')	Solid	04/14/26 11:15	04/17/26 08:41	Texas
880-71113-7	H-7 (0-0.5')	Solid	04/14/26 11:18	04/17/26 08:41	Texas

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Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luing
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St, Ste 500	Address:	600 N Mainfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luing@coterra.com & ashton.thielke@coterra.com

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

[illegible]

Comments:

Comments:			
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4-17-26 841

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-71113-1

SDG Number: Lea County New Mexico

Login Number: 71113

List Number: 1

List Source: Eurofins Midland

Creator: Dyal, Erica

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

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

QUESTIONS

Action 580514

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 580514
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2607571574
Incident Name	NAPP2607571574 KEOHANE FEDERAL COM 1 @ 30-015-22409
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-22409] KEOHANE FEDERAL COM #001

Location of Release Source

Please answer all the questions in this group.

Site Name	Keohane Federal Com 1
Date Release Discovered	03/16/2026
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Equipment Failure Fitting Crude Oil Released: 56 BBL Recovered: 25 BBL Lost: 31 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	We had a major reportable release at the Keohane Federal Com 1 due to equipment failure. The gauge on the production casing failed, resulting in the release of 56 barrels of crude oil into the well cellar and onto the well pad. The cause of the broken gauge is currently under investigation. A total of 25 barrels of crude oil was recovered from inside the well cellar and from the well pad. In the coming weeks, we will schedule a thorough assessment and remediation of the affected area.

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QUESTIONS, Page 2

Action 580514

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 580514
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 04/30/2026
--	--

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

QUESTIONS, Page 3

Action 580514

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 580514
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (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 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	66.5
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	246
GRO+DRO (EPA SW-846 Method 8015M)	151
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	04/07/2026
On what date will (or did) the final sampling or liner inspection occur	04/20/2026
On what date will (or was) the remediation complete(d)	04/20/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	9870
What is the estimated volume (in cubic yards) that will be remediated	211
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 580514

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 580514
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 04/30/2026
<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>	

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

General Information
Phone: (505) 629-6116

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

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

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Action 580514

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 580514
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 580514

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 580514
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	576194
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/20/2026
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	9870
What was the total volume (cubic yards) remediated	211
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	All contaminated material from the release and overspray was scraped. All overgrown vegiation on the well pad was scraped and removed. Surface composite samples were collected to represent an area no more than 200sqft. One sample exceeded and an additional scrape took place in that area to a final depth of 0.75'. All sample results show a full removal of all contamination.
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 04/30/2026

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Action 580514

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 580514
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 580514

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 580514
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2607571574 Keohane Federal Com 1, thank you. This Remediation Closure Report is approved.	5/1/2026