

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Cali Roll 24 Fed Com 2H (08.24.2024)
Eddy County, New Mexico
Incident ID: NAPP2429860746
Unit A Sec 24 T26S R25E
32.0317°, -104.3421°

Produced Water Release
Point of Release: Equipment Failure
Release Date: 08.24.24
Volume Released: 18 barrels of Produced Water
Volume Recovered: 1 barrels of Produced Water

CARMONA RESOURCES



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

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

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

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November 11, 2024

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

Re: Closure Report
Cali Roll 24 Federal Com 2H (08.24.2024)
Concho Operating, LLC
Site Location: Unit A, S24, T26S, R25E
(Lat 32.0317°, Long -104.3421°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Cali Roll 24 Federal Com 2H (08.24.2024). The site is located at 32.0317, -104.3421 within Unit A, S24, T26S, R25E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notice of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on August 24, 2024, due to the equipment failure of a surface flowline tie-in. The incident released approximately eighteen (18) barrels of produced water with one (1) barrel of produced water recovered. The impacted area occurred in the pasture, as shown in Figure 3. The Notice of Release is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.96 miles Southwest of the in S24, T26S, R25E and was drilled in 2017. The well has a reported depth to groundwater of 12' below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

Initial Assessment

On September 18, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of five (5) sample points (S-1 through S-5) and seven (7) horizontal sample points (H-1 through H-7) were installed to total depths ranging from surface to 3' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the sample



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

5.0 Remediation Activities

Carmona Resources personnel were on site to guide the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on October 24, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C for the sampling notification. The areas of S-1 & S-3 were excavated to a depth of 3.0', the area of S-2 was excavated to a depth of 2.0', and the area of S-5 was excavated to a depth of 1.0' to ensure the removal of all impacted material. A total of twenty-eight (28) confirmation floor samples were collected (CS-1 through CS-28), and eleven (11) sidewall samples (SW-1 through SW-11) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix D. The excavation depths and confirmation sample locations are shown in Figure 4.

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

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

Approximately 408 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Reclamation Activities

The site was re-seeded on October 31, 2024. The seed mixture was spread via hand broadcasting. Topsoil matching the surrounding areas was raked back on top of the seed after being broadcast. The seed mixture used was the BLM Seed Mix #4 (See attachments in Appendix E). See Figure 5 for the reclamation area.

7.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

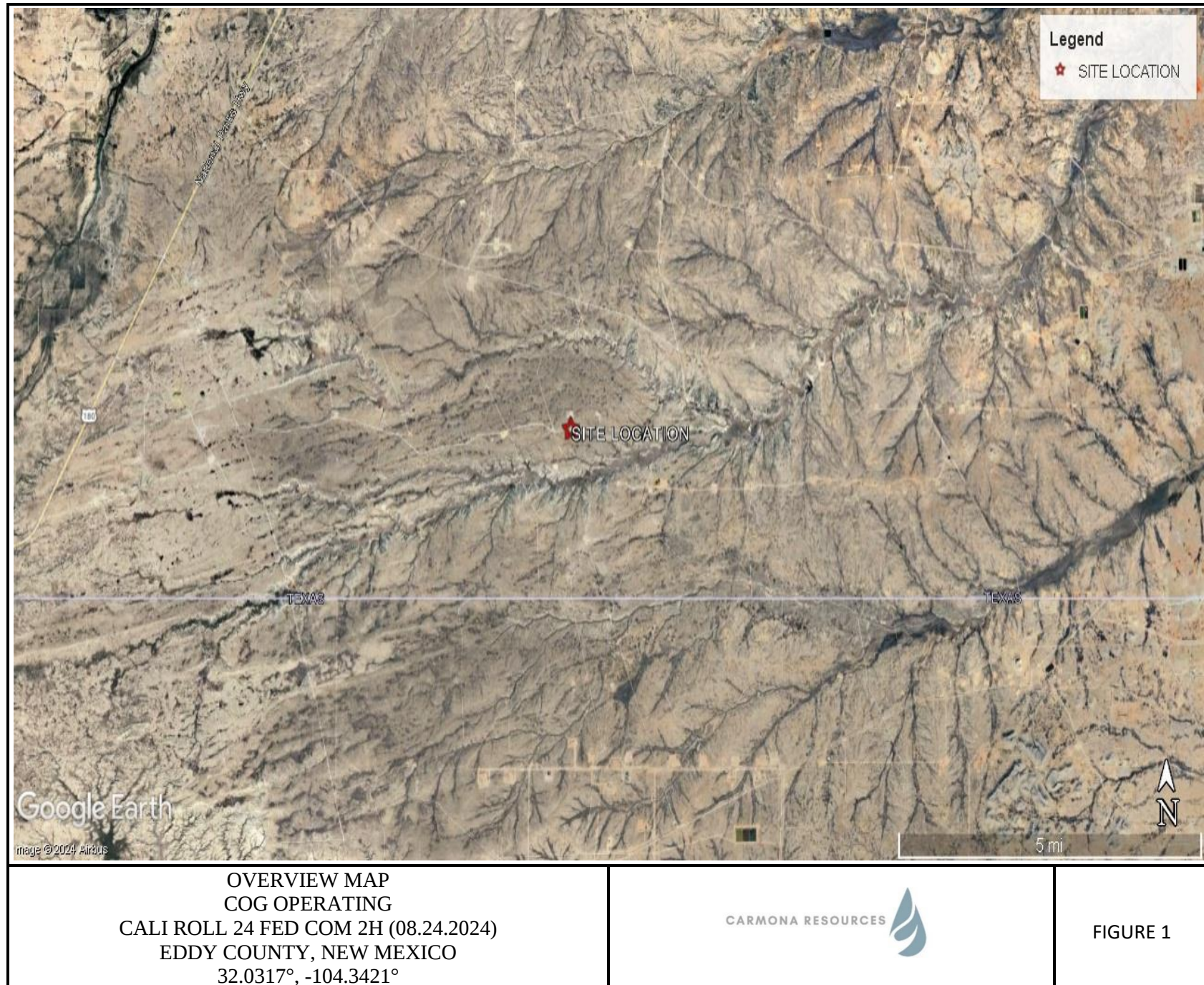
Mike Carmona
Environmental Manager

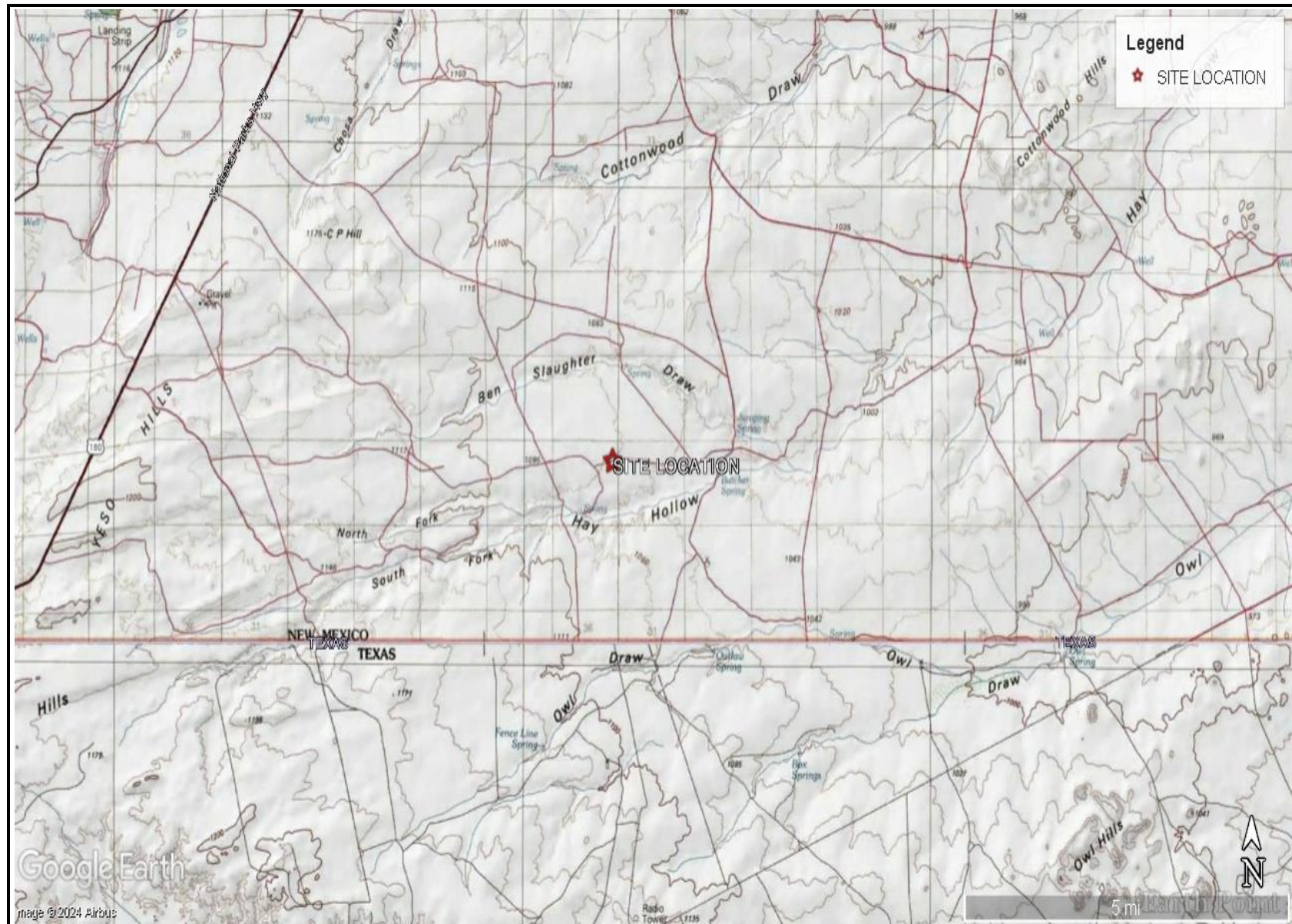
Devin Dominguez
Sr. Project Manager

FIGURES

CARMONA RESOURCES





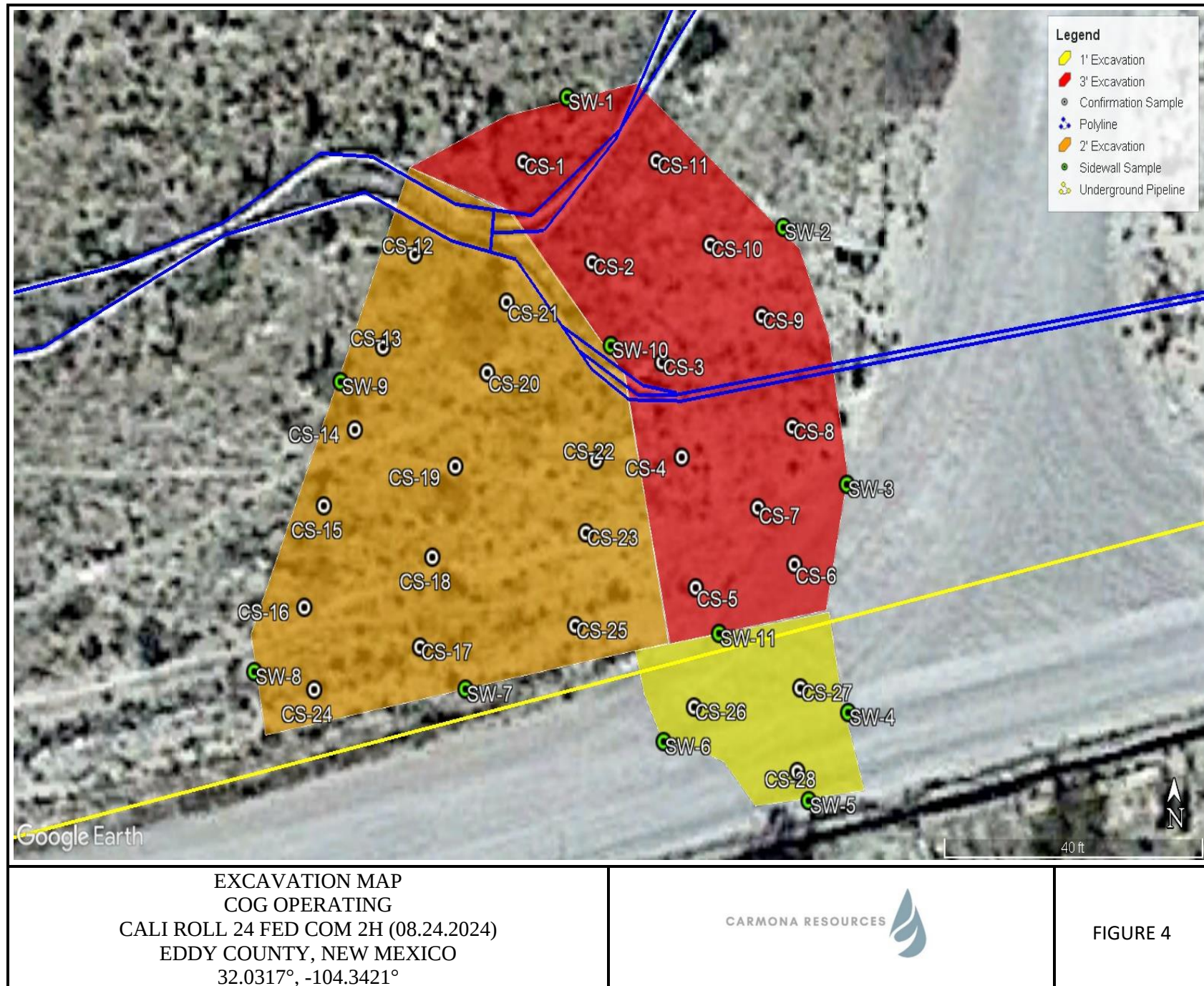


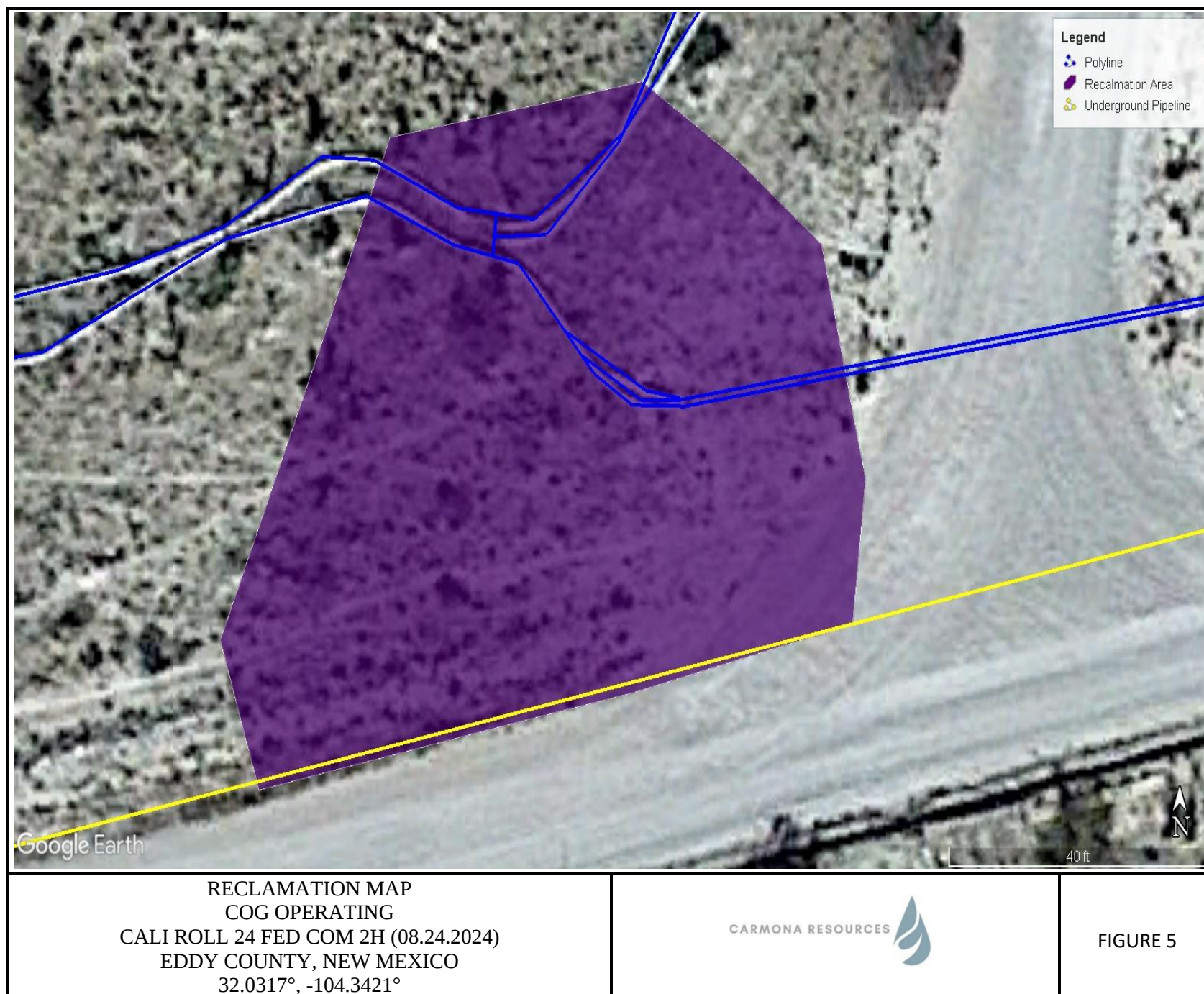
TOPOGRAPHIC MAP
COG OPERATING
CALI ROLL 24 FED COM 2H (08.24.2024)
EDDY COUNTY, NEW MEXICO
32.0317°, -104.3421°



FIGURE 2







APPENDIX A

CARMONA RESOURCES



Table 1
COG Operating
Cali Roll 24 Fed Com 2H (08.24.2024)
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						
S-1	9/18/2024	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7,300
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	7,730
	"	2'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,470
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	120
S-2	9/18/2024	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6,970
	"	1.5'	836	<49.7	<49.7	836	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	715
	"	2'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	6.07
S-3	9/18/2024	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5,710
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,970
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,480
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	106
S-4	9/18/2024	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	76.0
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	109
S-5	9/18/2024	0-6"	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,810
H-1	9/18/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	111
H-2	9/18/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6.13
H-3	9/18/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	113
H-4	9/18/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	113
H-5	9/18/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	110
H-6	9/18/2024	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5.94
H-7	9/18/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	127
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) Sample Point

(H) Horizontal Point

Removed

Table 2
COG Operating
Cali Roll Fed Com 2H (08.24.24)
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	10/30/2024	3'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.92
CS-2	10/30/2024	3'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.96
CS-3	10/30/2024	3'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<9.96
CS-4	10/30/2024	3'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.90
CS-5	10/30/2024	3'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<10.1
CS-6	10/30/2024	3'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
CS-7	10/30/2024	3'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<9.96
CS-8	10/30/2024	3'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.94
CS-9	10/30/2024	3'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<10.1
CS-10	10/30/2024	3'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<10.1
CS-11	10/30/2024	3'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.1
CS-12	10/30/2024	2'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<10.0
CS-13	10/30/2024	2'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
CS-14	10/30/2024	2'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	0.00239	<0.00401	<0.00401	<10.1
CS-15	10/30/2024	2'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<9.92
CS-16	10/30/2024	2'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	0.00328	<0.00398	<0.00398	<10.1
CS-17	10/30/2024	2'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.98
CS-18	10/30/2024	2'	<49.6	<49.6	<49.6	<49.6	<0.00204	<0.00204	<0.00204	<0.00407	<0.00407	<9.94
CS-19	10/30/2024	2'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.96
CS-20	10/30/2024	2'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	0.00555	0.00555	16.0
CS-21	10/30/2024	2'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.0
CS-22	10/30/2024	2'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<10.1
CS-23	10/30/2024	2'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0
CS-24	10/30/2024	2'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	32.3
CS-25	10/30/2024	2'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<10.1
CS-26	10/30/2024	1'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<9.94
CS-27	10/30/2024	1'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.96
CS-28	10/30/2024	1'	<49.5	<49.5	<49.5	<49.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.0
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

Table 2
COG Operating
Cali Roll Fed Com 2H (08.24.24)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	10/30/2024	3'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0
SW-2	10/30/2024	3'	<50.1	<50.1	<50.1	<50.1	<0.00204	<0.00204	<0.00204	<0.00407	<0.00407	<10.0
SW-3	10/30/2024	3'	<50.4	<50.4	<50.4	<50.4	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.90
SW-4	10/30/2024	1'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.92
SW-5	10/30/2024	1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.96
SW-6	10/30/2024	1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<9.98
SW-7	10/30/2024	2'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.1
SW-8	10/30/2024	2'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<10.0
SW-9	10/30/2024	2'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
SW-10	10/30/2024	1'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<9.96
SW-11	10/30/2024	2'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	22.1
Backfill	10/30/2024		<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	0.00674	0.00674	<10.1
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

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG**COG Operating, LLC****Photograph No. 1****Facility:** Cali Roll 24 Federal Com 2H
(08.24.24)**County:** Eddy County, New Mexico**Description:**

View West, area of concern.

**Photograph No. 2****Facility:** Cali Roll 24 Federal Com 2H
(08.24.24)**County:** Eddy County, New Mexico**Description:**

View Southwest, area of concern.

**Photograph No. 3****Facility:** Cali Roll 24 Federal Com 2H
(08.24.24)**County:** Eddy County, New Mexico**Description:**

View Southeast, area of concern.

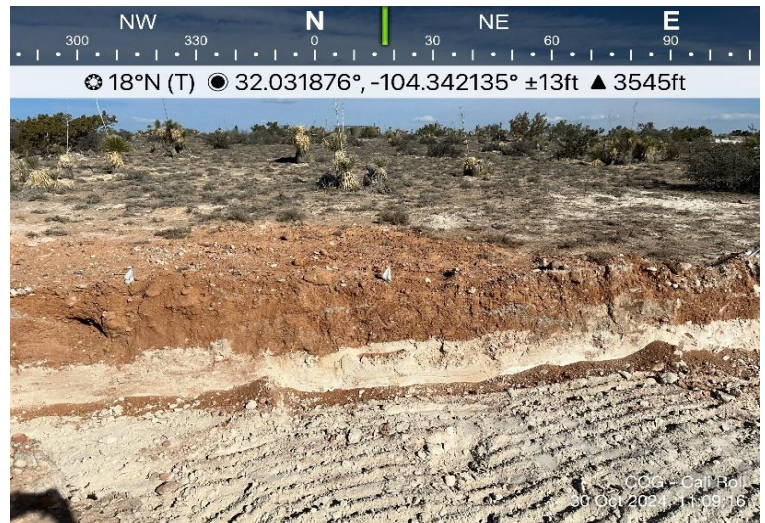


PHOTOGRAPHIC LOG**COG Operating, LLC****Photograph No. 4****Facility:** Cali Roll 24 Federal Com 2H
(08.24.24)**County:** Eddy County, New Mexico**Description:**

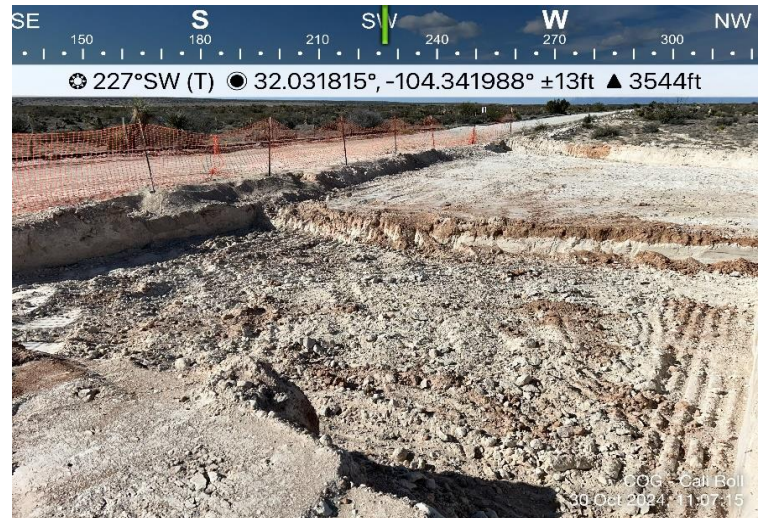
View Southeast, area of concern.

**Photograph No. 5****Facility:** Cali Roll 24 Federal Com 2H
(08.24.24)**County:** Eddy County, New Mexico**Description:**

View North, area of CS-1 through CS-3.

**Photograph No. 6****Facility:** Cali Roll 24 Federal Com 2H
(08.24.24)**County:** Eddy County, New Mexico**Description:**

View Southwest, area of CS-4 through CS-8.



PHOTOGRAPHIC LOG

COG Operating, LLC

Photograph No. 7

Facility: Cali Roll 24 Federal Com 2H
(08.24.24)

County: Eddy County, New Mexico

Description:

View East, area of CS-9 through CS-11.



Photograph No. 8

Facility: Cali Roll 24 Federal Com 2H
(08.24.24)

County: Eddy County, New Mexico

Description:

View South, area of CS-12 through CS-16.



Photograph No. 9

Facility: Cali Roll 24 Federal Com 2H
(08.24.24)

County: Eddy County, New Mexico

Description:

View South, area of CS-17 through CS-25.



PHOTOGRAPHIC LOG

COG Operating, LLC

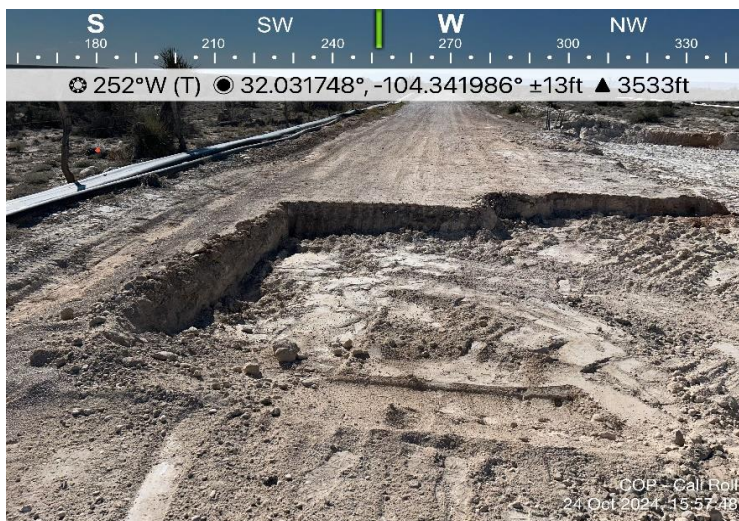
Photograph No. 10

Facility: Cali Roll 24 Federal Com 2H
(08.24.24)

County: Eddy County, New Mexico

Description:

View West, area of CS-26 through CS-28.



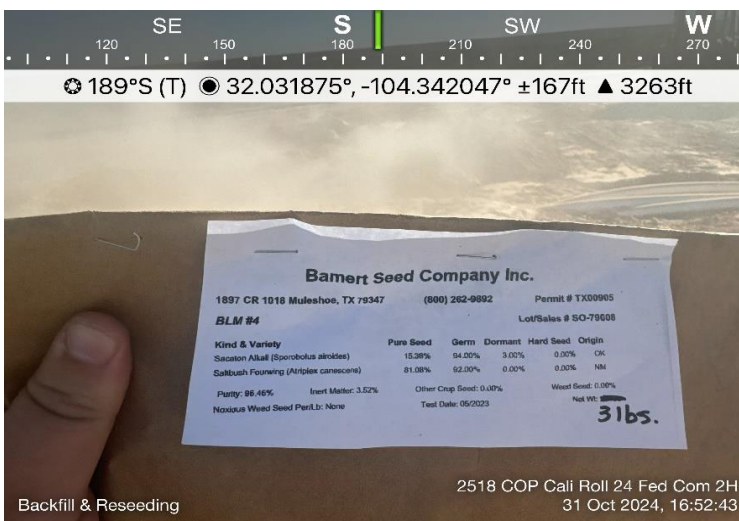
Photograph No. 11

Facility: Cali Roll 24 Federal Com 2H
(08.24.24)

County: Eddy County, New Mexico

Description:

View of BLM #4 Seed Mixture, used for reseeding.



Backfill & Reseeding

2518 COP Cali Roll 24 Fed Com 2H
31 Oct 2024, 16:52:43

Photograph No. 12

Facility: Cali Roll 24 Federal Com 2H
(08.24.24)

County: Eddy County, New Mexico

Description:

View North, reseeding of backfilled area.



Backfill & Reseeding

2518 COP Cali Roll 24 Fed Com 2H
31 Oct 2024, 16:50:42

PHOTOGRAPHIC LOG**COG Operating, LLC****Photograph No. 13****Facility:** Cali Roll 24 Federal Com 2H
(08.24.24)**County:** Eddy County, New Mexico**Description:**

View North, backfilled area.

**Photograph No. 14****Facility:** Cali Roll 24 Federal Com 2H
(08.24.24)**County:** Eddy County, New Mexico**Description:**

View West, backfilled area of the lease road.

**Photograph No. 15****Facility:** Cali Roll 24 Federal Com 2H
(08.24.24)**County:** Eddy County, New Mexico**Description:**

View North, backfilled area.



APPENDIX C

CARMONA RESOURCES



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 395744

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 395744
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	Cali Roll 24 Federal Com 2H
Date Release Discovered	08/26/2024
Surface Owner	Federal

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

Nature and Volume of Release <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 18 BBL Recovered: 1 BBL Lost: 17 BBL.
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)	Not answered.

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QUESTIONS, Page 2

Action 395744

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 395744
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

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

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ACKNOWLEDGMENTS

Action 395744

ACKNOWLEDGMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 395744
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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CONDITIONS

Action 395744

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 395744
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
jacquih	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	10/24/2024

Provide any known details about the event:				Water transfer line ruptured by header to SWD.			Primary Cause (dropdown):	Cause not Detected	Secondary Cause (dropdown):	
				Recovered Volume (bbl.) (if available, not included in volume calculations)	Method of Determination (dropdown)	Release Type (dropdown):	> 1/2" of Rain in Last 24 Hours (dropdown):	% Rainwater Recovered (not included in volume calculations, informational):		
BU:	Permian	Asset Area:	DBW - Gypsum Land Complex		Field Measurement	Produced Water	No			
Known Volume (dropdown):				No						
Known Area (dropdown):				No						

Spill Calculation - Subsurface Spill - Rectangle								Remediation Recommendation	
Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Average Depth (in.)	On/Off Pad (dropdown)	Soil Spilled-Fluid Saturation (%)	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)	Total Estimated Contaminated Soil, uncompacted, 25% (yd³.)	Current Rule of Thumb - RMR Handover Volume, (yd³.)
Rectangle A	88.0	58.0	0.1	Off-Pad✓	14.60%	7.57	1.11	1.97	750
Rectangle B	44.0	6.0	1.0	Off-Pad✓	14.60%	3.92	0.57	1.02	
Rectangle C	838.0	4.0	2.0	Off-Pad✓	14.60%	99.44	14.52	25.86	
Rectangle D	48.0	18.0	1.0	Off-Pad✓	14.60%	12.82	1.87	3.33	
Rectangle E				Off-Pad✓	14.60%	0.00	0.00	0.00	
Rectangle F				✓		0.00		0.00	
Rectangle G				✓		0.00		0.00	
Rectangle H				✓		0.00		0.00	
Rectangle I						0.00		0.00	
Rectangle J						0.00		0.00	
Total Subsurface Volume Released:							18.0669	32.19	BU

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QUESTIONS

Action 396801

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 396801
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2429860746
Incident Name	NAPP2429860746 CALI ROLL 24 FEDERAL COM 2H @ 30-015-39388
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Well	[30-015-39388] CALI ROLL 24 FEDERAL COM #002H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Cali Roll 24 Federal Com 2H
Date Release Discovered	08/26/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 18 BBL Recovered: 1 BBL Lost: 17 BBL.
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)	Not answered.

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QUESTIONS, Page 2

Action 396801

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 396801
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 10/29/2024
--	---

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QUESTIONS, Page 3

Action 396801

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 396801
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

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

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CONDITIONS

Action 396801

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 396801
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	10/30/2024

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QUESTIONS

Action 395749

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 395749
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2429860746
Incident Name	NAPP2429860746 CALI ROLL 24 FEDERAL COM 2H @ 30-015-39388
Incident Type	Produced Water Release
Incident Status	Notification Accepted
Incident Well	[30-015-39388] CALI ROLL 24 FEDERAL COM #002H

Location of Release Source	
Site Name	Cali Roll 24 Federal Com 2H
Date Release Discovered	08/26/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	5,500
What is the estimated number of samples that will be gathered	29
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/28/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Conner Moerhring (432) 813-6823
Please provide any information necessary for navigation to sampling site	coordinates on C-141

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CONDITIONS

Action 395749

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 395749
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jacquih	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/24/2024

APPENDIX D

CARMONA RESOURCES

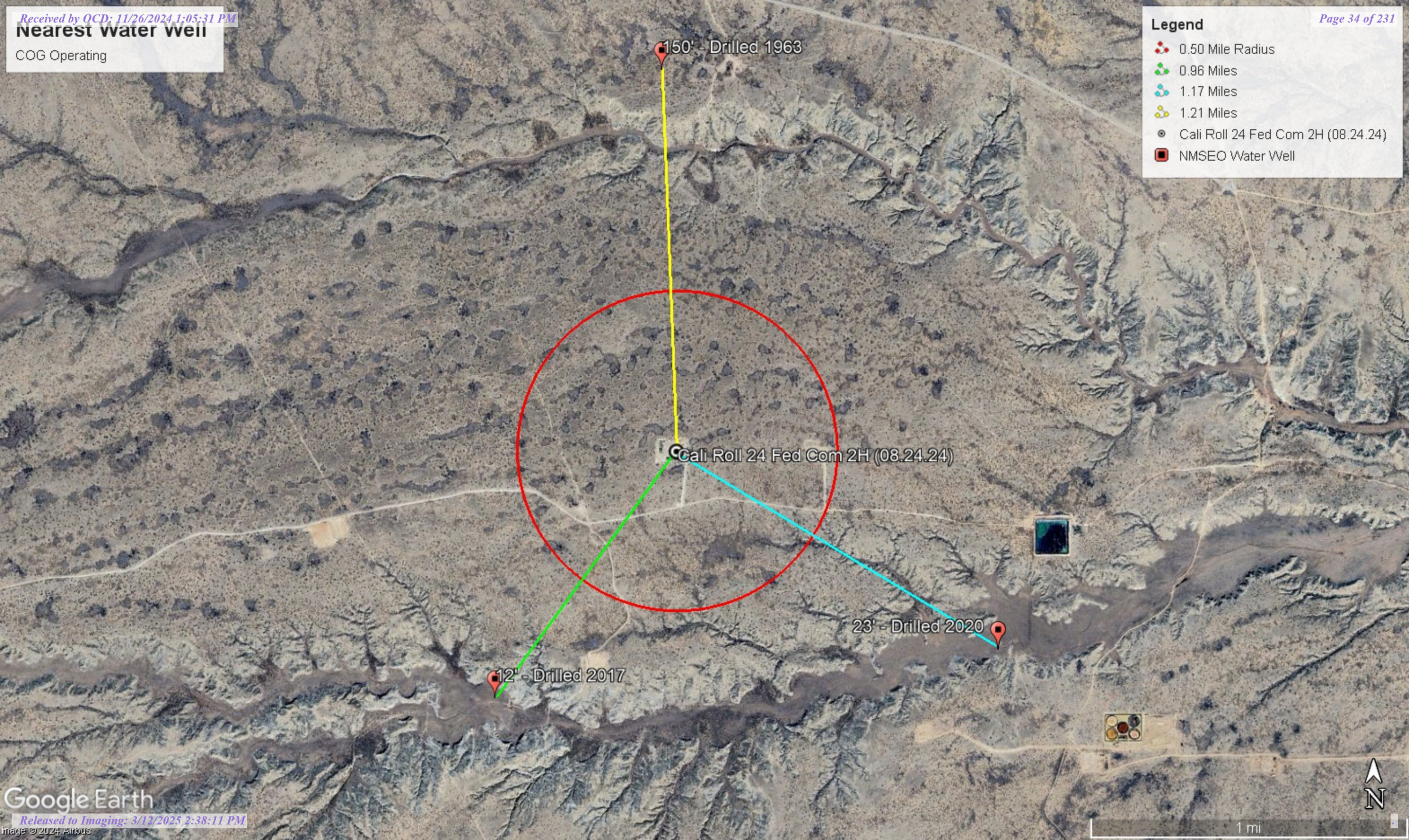


Nearest water well

COG Operating

Legend

- 0.50 Mile Radius
- 0.96 Miles
- 1.17 Miles
- 1.21 Miles
- Cali Roll 24 Fed Com 2H (08.24.24)
- NMSEO Water Well



High Karst

COG Operating

Legend

-  Cali Roll 24 Fed Com 2H (08.24.24)
-  High

 Cali Roll 24 Fed Com 2H (08.24.24)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04047 POD1	CUB	ED		1	4	3	24	26S	25E	561202	3543172	1552	100	12	88
C 03816 POD1	C	ED		1	4	3	24	26S	25E	561116	3543177	1601	80	10	70
C 03811 POD1	C	ED		4	1	4	19	26S	26E	563746	3543436	1904	75	23	52
C 02366	CUB	ED		4	4	12	26S	25E	562027	3546345*	1921	80	150	-70	
C 01351	CUB	ED		4	2	4	19	26S	26E	563772	3543411*	1939	25		
C 03810 POD1	C	ED		3	1	3	20	26S	26E	563896	3543406	2048	100	15	85
C 02790	CUB	ED		3	2	1	25	26S	25E	561146	3542586*	2081	100		
C 01351 X-2	CUB	ED		3	1	3	20	26S	26E	563978	3543413*	2117	25		
C 04041 POD1	C	ED		2	1	3	20	26S	26E	564281	3543559	2329	100	60	40
C 04046 POD1	CUB	ED		1	2	3	20	26S	26E	564437	3543647	2445	140	100	40
C 01351 X	CUB	ED		4	4	1	20	26S	26E	564581	3543822*	2535	25		
C 04270 POD1	CUB	ED		3	4	3	20	26S	26E	564288	3543019	2585	90	76	14
C 03812 POD1	C	ED		4	4	1	20	26S	26E	564641	3543737	2614	96	15	81
C 04270 POD4	CUB	ED		3	4	3	20	26S	26E	564327	3542970	2644	75		
C 04270 POD3	CUB	ED		3	4	3	20	26S	26E	564484	3543072	2725	50	42	8
C 04048 POD1	CUB	ED		2	3	2	20	26S	26E	565061	3543969	2977	140	80	60
C 04169 POD1	CUB	ED		2	3	2	20	26S	26E	565088	3543933	3009	151	10	141
C 02791	CUB	ED		4	4	17	26S	26E	565288	3544739*	3184	100			
C 01924	C	ED		3	2	4	26	26S	25E	560338	3541769*	3198			
C 04170 POD1	CUB	ED		4	4	2	20	26S	26E	565478	3543926	3395	136	12	124
C 02370	CUB	ED		1	1	36	26S	25E	560846	3541060*	3598	60	7	53	
C 02407	C	ED		1	4	1	08	26S	26E	564347	3547268*	3611	160	22	138

*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.

5/13/24 8:45 AM

Page 1 of 2

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Average Depth to Water: 42 feet
Minimum Depth: 7 feet
Maximum Depth: 150 feet

Record Count: 22

UTMNAD83 Radius Search (in meters):

Easting (X): 562119 Northing (Y): 3544426 Radius: 4000



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	04047 POD1	1	4	3	24	26S	25E	561202	3543172 

Driller License:	1690	Driller Company:	VISION RESOURCES, INC						
Driller Name:	JASON MALEY								
Drill Start Date:	06/14/2017	Drill Finish Date:	06/15/2017				Plug Date:		
Log File Date:	06/26/2017	PCW Rcv Date:					Source:	Shallow	
Pump Type:		Pipe Discharge Size:					Estimated Yield:	200 GPM	
Casing Size:	6.00	Depth Well:	100 feet				Depth Water:	12 feet	

Water Bearing Stratifications:		Top	Bottom	Description
		10	65	Other/Unknown

Casing Perforations:		Top	Bottom
		20	100

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.

5/13/24 8:46 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
22386	C 03811 POD1	4	1	4	19	26S	26E	563746	3543436 
Driller License:	1690	Driller Company:				VISION RESOURCES, INC			
Driller Name:	JASON MALEY								
Drill Start Date:	05/18/2020	Drill Finish Date:				05/19/2020		Plug Date:	
Log File Date:	06/08/2020	PCW Rcv Date:						Source:	Shallow
Pump Type:		Pipe Discharge Size:						Estimated Yield:	100 GPM
Casing Size:	6.00	Depth Well:				75 feet		Depth Water:	23 feet
Water Bearing Stratifications:					Top	Bottom	Description		
					15	75	Sandstone/Gravel/Conglomerate		
Casing Perforations:					Top	Bottom			
					20	75			

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.

5/13/24 8:47 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

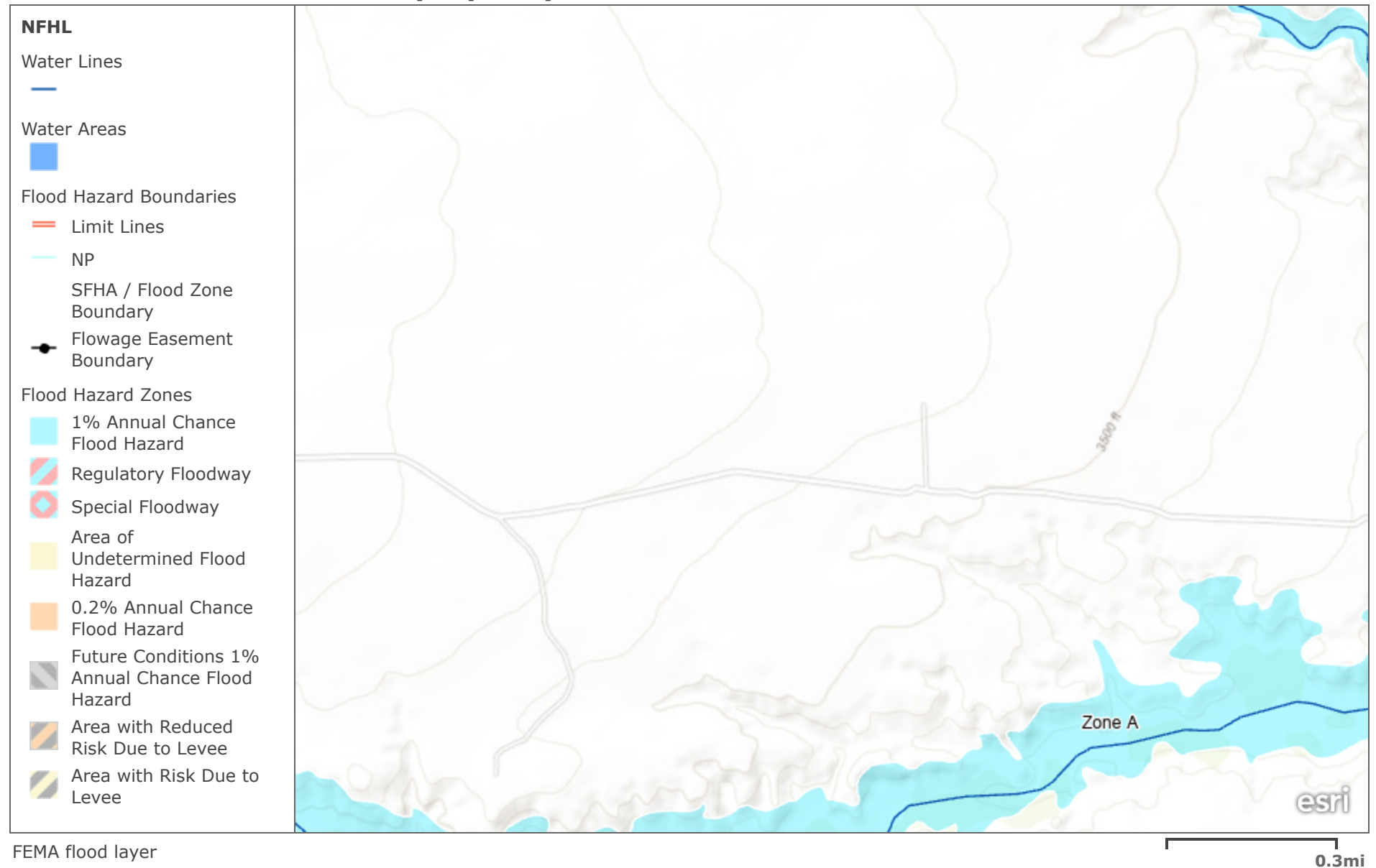
		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)							
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 02366	4	4	12	26S	25E	562027	3546345*	

Driller License:		Driller Company:							
Driller Name:		UNKNOWN							
Drill Start Date:		Drill Finish Date:		04/05/1963		Plug Date:			
Log File Date:		PCW Rcv Date:				Source:			
Pump Type:		Pipe Discharge Size:				Estimated Yield: 25 GPM			
Casing Size: 4.00		Depth Well:		80 feet		Depth Water: 150 feet			

*UTM location was derived from PLSS - see Help

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

FEMA National Flood Hazard Layer (NFHL)



Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA

FEMA National Flood Hazard Layer (NFHL)



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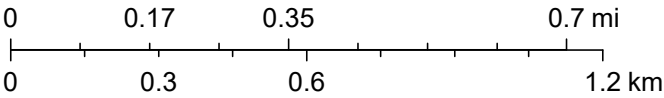
Cali Roll 24 Federal Com 2H (05.07.2024)



5/13/2024, 9:44:42 AM

— OSE Streams

1:18,056



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

APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/30/2024 8:08:49 PM

JOB DESCRIPTION

Cali Roll 24 Fed Com 2H (5.6.24)
Eddy County, New Mexico

JOB NUMBER

880-49052-1

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
9/30/2024 8:08:49 PM

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

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Laboratory Job ID: 880-49052-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
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: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1

Job ID: 880-49052-1

Eurofins Midland

Job Narrative 880-49052-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 9/26/2024 4:28 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.7°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1') (880-49052-1), S-1 (1.5') (880-49052-2), S-1 (2') (880-49052-3), S-1 (3') (880-49052-4), S-2 (0-1') (880-49052-5), S-2 (1.5') (880-49052-6), S-2 (2') (880-49052-7), S-3 (0-1') (880-49052-8), S-3 (1.5') (880-49052-9), S-3 (2') (880-49052-10), S-3 (3') (880-49052-11), S-4 (0-1') (880-49052-12), S-4 (1.5') (880-49052-13) and S-5 (0-6") (880-49052-14).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-49052-A-4-C MSD). Evidence of matrix interferences is not obvious.

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-91868 and analytical batch 880-91875 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-91869 and analytical batch 880-91877 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-2 (1.5') (880-49052-6), S-2 (2') (880-49052-7), S-3 (0-1') (880-49052-8), S-3 (1.5') (880-49052-9), S-3 (2') (880-49052-10) and S-4 (1.5') (880-49052-13). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-49052-1

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:24	09/27/24 13:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 13:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 13:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 09:24	09/27/24 13:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 13:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 09:24	09/27/24 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	09/27/24 09:24	09/27/24 13:56	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/27/24 09:24	09/27/24 13:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/27/24 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/28/24 03:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/26/24 21:23	09/28/24 03:45	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/26/24 21:23	09/28/24 03:45	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/26/24 21:23	09/28/24 03:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	09/26/24 21:23	09/28/24 03:45	1
o-Terphenyl	110		70 - 130	09/26/24 21:23	09/28/24 03:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7300		101		mg/Kg			09/27/24 15:18	20

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-49052-2

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:24	09/27/24 14:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 14:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 14:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 09:24	09/27/24 14:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 14:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 09:24	09/27/24 14:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	09/27/24 09:24	09/27/24 14:16	1
1,4-Difluorobenzene (Surr)	98		70 - 130	09/27/24 09:24	09/27/24 14:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-49052-2

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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			09/27/24 14:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/28/24 04:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/28/24 04:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/28/24 04:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/28/24 04:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				09/26/24 21:23	09/28/24 04:06	1
o-Terphenyl	124		70 - 130				09/26/24 21:23	09/28/24 04:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7730		101		mg/Kg			09/27/24 15:38	20

Client Sample ID: S-1 (2')

Lab Sample ID: 880-49052-3

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:24	09/27/24 14:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:24	09/27/24 14:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:24	09/27/24 14:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 09:24	09/27/24 14:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:24	09/27/24 14:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 09:24	09/27/24 14:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				09/27/24 09:24	09/27/24 14:37	1
1,4-Difluorobenzene (Surr)	98		70 - 130				09/27/24 09:24	09/27/24 14:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/27/24 14:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/28/24 06:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/26/24 21:23	09/28/24 06:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/26/24 21:23	09/28/24 06:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (2')

Lab Sample ID: 880-49052-3

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/26/24 21:23	09/28/24 06:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				09/26/24 21:23	09/28/24 06:33	1
o-Terphenyl	126		70 - 130				09/26/24 21:23	09/28/24 06:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1470		50.3		mg/Kg			09/27/24 15:45	10

Client Sample ID: S-1 (3')

Lab Sample ID: 880-49052-4

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:20	09/27/24 11:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:20	09/27/24 11:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:20	09/27/24 11:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 09:20	09/27/24 11:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:20	09/27/24 11:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 09:20	09/27/24 11:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				09/27/24 09:20	09/27/24 11:37	1
1,4-Difluorobenzene (Surr)	96		70 - 130				09/27/24 09:20	09/27/24 11:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/27/24 11:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/28/24 06:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/28/24 06:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/28/24 06:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/28/24 06:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				09/26/24 21:23	09/28/24 06:53	1
o-Terphenyl	121		70 - 130				09/26/24 21:23	09/28/24 06:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		4.96		mg/Kg			09/27/24 16:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-49052-5

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:20	09/27/24 11:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 11:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 11:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 09:20	09/27/24 11:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 11:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 09:20	09/27/24 11:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	09/27/24 09:20	09/27/24 11:58	1
1,4-Difluorobenzene (Surr)	98		70 - 130	09/27/24 09:20	09/27/24 11:58	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			09/27/24 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/27/24 21:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/26/24 21:27	09/27/24 21:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/24 21:27	09/27/24 21:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/24 21:27	09/27/24 21:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	09/26/24 21:27	09/27/24 21:17	1
o-Terphenyl	128		70 - 130	09/26/24 21:27	09/27/24 21:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6970		99.4		mg/Kg			09/27/24 16:12	20

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-49052-6

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:20	09/27/24 12:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:20	09/27/24 12:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:20	09/27/24 12:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 09:20	09/27/24 12:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:20	09/27/24 12:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 09:20	09/27/24 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	09/27/24 09:20	09/27/24 12:18	1
1,4-Difluorobenzene (Surr)	98		70 - 130	09/27/24 09:20	09/27/24 12:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-49052-6

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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			09/27/24 12:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	836		49.7		mg/Kg			09/27/24 22:18	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	836		49.7		mg/Kg		09/26/24 21:27	09/27/24 22:18	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/26/24 21:27	09/27/24 22:18	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/26/24 21:27	09/27/24 22:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				09/26/24 21:27	09/27/24 22:18	1
o-Terphenyl	131	S1+	70 - 130				09/26/24 21:27	09/27/24 22:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	715		4.96		mg/Kg			09/27/24 17:25	1

Client Sample ID: S-2 (2')

Lab Sample ID: 880-49052-7

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:20	09/27/24 12:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:20	09/27/24 12:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:20	09/27/24 12:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 09:20	09/27/24 12:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:20	09/27/24 12:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 09:20	09/27/24 12:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				09/27/24 09:20	09/27/24 12:39	1
1,4-Difluorobenzene (Surr)	89		70 - 130				09/27/24 09:20	09/27/24 12:39	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			09/27/24 12:39	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			09/27/24 22:39	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	<49.8	U	49.8		mg/Kg		09/26/24 21:27	09/27/24 22:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/26/24 21:27	09/27/24 22:39	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (2')

Lab Sample ID: 880-49052-7

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/26/24 21:27	09/27/24 22:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				09/26/24 21:27	09/27/24 22:39	1
o-Terphenyl	135	S1+	70 - 130				09/26/24 21:27	09/27/24 22:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.07		4.98		mg/Kg			09/27/24 17:32	1

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

Lab Sample ID: 880-49052-8

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:20	09/27/24 12:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 12:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 12:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 09:20	09/27/24 12:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 12:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 09:20	09/27/24 12:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				09/27/24 09:20	09/27/24 12:59	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/27/24 09:20	09/27/24 12:59	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			09/27/24 12:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/27/24 23:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/26/24 21:27	09/27/24 23:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/26/24 21:27	09/27/24 23:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/26/24 21:27	09/27/24 23:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				09/26/24 21:27	09/27/24 23:00	1
o-Terphenyl	138	S1+	70 - 130				09/26/24 21:27	09/27/24 23:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5710		99.4		mg/Kg			09/27/24 17:39	20

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-49052-9

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:20	09/27/24 13:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:20	09/27/24 13:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:20	09/27/24 13:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 09:20	09/27/24 13:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:20	09/27/24 13:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 09:20	09/27/24 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	09/27/24 09:20	09/27/24 13:20	1
1,4-Difluorobenzene (Surr)	89		70 - 130	09/27/24 09:20	09/27/24 13:20	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			09/27/24 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/27/24 23:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/24 21:27	09/27/24 23:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/24 21:27	09/27/24 23:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/24 21:27	09/27/24 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	09/26/24 21:27	09/27/24 23:20	1
o-Terphenyl	132	S1+	70 - 130	09/26/24 21:27	09/27/24 23:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3970		100		mg/Kg			09/27/24 17:45	20

Client Sample ID: S-3 (2')

Lab Sample ID: 880-49052-10

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:20	09/27/24 13:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:20	09/27/24 13:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:20	09/27/24 13:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 09:20	09/27/24 13:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:20	09/27/24 13:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 09:20	09/27/24 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	09/27/24 09:20	09/27/24 13:41	1
1,4-Difluorobenzene (Surr)	94		70 - 130	09/27/24 09:20	09/27/24 13:41	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (2')

Lab Sample ID: 880-49052-10

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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			09/27/24 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/27/24 23:40	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	<49.9	U	49.9		mg/Kg		09/26/24 21:27	09/27/24 23:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/24 21:27	09/27/24 23:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/24 21:27	09/27/24 23:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				09/26/24 21:27	09/27/24 23:40	1
o-Terphenyl	131	S1+	70 - 130				09/26/24 21:27	09/27/24 23:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1480		25.3		mg/Kg			09/27/24 17:52	5

Client Sample ID: S-3 (3')

Lab Sample ID: 880-49052-11

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:20	09/27/24 14:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 14:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 14:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 09:20	09/27/24 14:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 14:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 09:20	09/27/24 14:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				09/27/24 09:20	09/27/24 14:01	1
1,4-Difluorobenzene (Surr)	91		70 - 130				09/27/24 09:20	09/27/24 14:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/27/24 14:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/28/24 00:01	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	<49.9	U	49.9		mg/Kg		09/26/24 21:27	09/28/24 00:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/24 21:27	09/28/24 00:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (3')

Lab Sample ID: 880-49052-11

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/26/24 21:27	09/28/24 00:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				09/26/24 21:27	09/28/24 00:01	1
o-Terphenyl	121		70 - 130				09/26/24 21:27	09/28/24 00:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		5.05		mg/Kg			09/30/24 15:02	1

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

Lab Sample ID: 880-49052-12

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:20	09/27/24 14:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 14:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 14:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 09:20	09/27/24 14:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 14:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 09:20	09/27/24 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130				09/27/24 09:20	09/27/24 14:22	1
1,4-Difluorobenzene (Surr)	96		70 - 130				09/27/24 09:20	09/27/24 14:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/27/24 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/28/24 00:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/26/24 21:27	09/28/24 00:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/26/24 21:27	09/28/24 00:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/26/24 21:27	09/28/24 00:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				09/26/24 21:27	09/28/24 00:21	1
o-Terphenyl	123		70 - 130				09/26/24 21:27	09/28/24 00:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.0		5.04		mg/Kg			09/30/24 15:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-49052-13

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:20	09/27/24 14:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:20	09/27/24 14:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:20	09/27/24 14:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 09:20	09/27/24 14:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:20	09/27/24 14:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 09:20	09/27/24 14:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	09/27/24 09:20	09/27/24 14:42	1
1,4-Difluorobenzene (Surr)	97		70 - 130	09/27/24 09:20	09/27/24 14:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/27/24 14:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/28/24 00:42	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		09/26/24 21:27	09/28/24 00:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/24 21:27	09/28/24 00:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/24 21:27	09/28/24 00:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	09/26/24 21:27	09/28/24 00:42	1
o-Terphenyl	133	S1+	70 - 130	09/26/24 21:27	09/28/24 00:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		5.03		mg/Kg			09/30/24 15:23	1

Client Sample ID: S-5 (0-6")

Lab Sample ID: 880-49052-14

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:28	09/27/24 11:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:28	09/27/24 11:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:28	09/27/24 11:44	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 09:28	09/27/24 11:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:28	09/27/24 11:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 09:28	09/27/24 11:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	09/27/24 09:28	09/27/24 11:44	1
1,4-Difluorobenzene (Surr)	100		70 - 130	09/27/24 09:28	09/27/24 11:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Client Sample ID: S-5 (0-6")
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-14
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/27/24 11:44	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			09/28/24 01:02	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/26/24 21:27	09/28/24 01:02	1	
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/26/24 21:27	09/28/24 01:02	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/26/24 21:27	09/28/24 01:02	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	95		70 - 130				09/26/24 21:27	09/28/24 01:02	1	
o-Terphenyl	111		70 - 130				09/26/24 21:27	09/28/24 01:02	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	2810		24.9		mg/Kg			09/30/24 12:46	5	

Surrogate Summary

Client: Carmona Resources

Job ID: 880-49052-1

Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-49051-A-1-C MS	Matrix Spike	115	98
880-49051-A-1-D MSD	Matrix Spike Duplicate	113	99
880-49052-1	S-1 (0-1')	123	99
880-49052-2	S-1 (1.5')	113	98
880-49052-3	S-1 (2')	113	98
880-49052-4	S-1 (3')	95	96
880-49052-4 MS	S-1 (3')	109	102
880-49052-4 MSD	S-1 (3')	101	133 S1+
880-49052-5	S-2 (0-1')	93	98
880-49052-6	S-2 (1.5')	93	98
880-49052-7	S-2 (2')	99	89
880-49052-8	S-3 (0-1')	92	100
880-49052-9	S-3 (1.5')	105	89
880-49052-10	S-3 (2')	99	94
880-49052-11	S-3 (3')	90	91
880-49052-12	S-4 (0-1')	72	96
880-49052-13	S-4 (1.5')	92	97
880-49052-14	S-5 (0-6")	110	100
880-49052-14 MS	S-5 (0-6")	101	100
880-49052-14 MSD	S-5 (0-6")	106	98
LCS 880-91891/1-A	Lab Control Sample	101	108
LCS 880-91893/1-A	Lab Control Sample	107	97
LCS 880-91902/1-A	Lab Control Sample	101	99
LCSD 880-91891/2-A	Lab Control Sample Dup	91	110
LCSD 880-91893/2-A	Lab Control Sample Dup	110	98
LCSD 880-91902/2-A	Lab Control Sample Dup	101	98
MB 880-91891/5-A	Method Blank	79	99
MB 880-91893/5-A	Method Blank	107	95
MB 880-91902/5-A	Method Blank	105	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	OTPH1
		(70-130)	(70-130)
880-49052-1	S-1 (0-1')	101	110
880-49052-2	S-1 (1.5')	115	124
880-49052-3	S-1 (2')	116	126
880-49052-4	S-1 (3')	114	121
880-49052-5	S-2 (0-1')	104	128
880-49052-5 MS	S-2 (0-1')	111	119
880-49052-5 MSD	S-2 (0-1')	109	117
880-49052-6	S-2 (1.5')	107	131 S1+
880-49052-7	S-2 (2')	111	135 S1+
880-49052-8	S-3 (0-1')	111	138 S1+

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Surrogate Summary

Client: Carmona Resources

Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1

SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-49052-9	S-3 (1.5')	109	132 S1+
880-49052-10	S-3 (2')	109	131 S1+
880-49052-11	S-3 (3')	101	121
880-49052-12	S-4 (0-1')	106	123
880-49052-13	S-4 (1.5')	113	133 S1+
880-49052-14	S-5 (0-6")	95	111
890-7169-A-1-B MS	Matrix Spike	113	107
890-7169-A-1-C MSD	Matrix Spike Duplicate	105	101
LCS 880-91868/2-A	Lab Control Sample	91	89
LCS 880-91869/2-A	Lab Control Sample	85	92
LCSD 880-91868/3-A	Lab Control Sample Dup	85	85
LCSD 880-91869/3-A	Lab Control Sample Dup	94	104
MB 880-91868/1-A	Method Blank	130	148 S1+
MB 880-91869/1-A	Method Blank	140 S1+	178 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-91891/5-A
Matrix: Solid
Analysis Batch: 91883

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 91891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 11:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 11:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 11:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 09:20	09/27/24 11:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 11:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 09:20	09/27/24 11:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	09/27/24 09:20	09/27/24 11:15	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/27/24 09:20	09/27/24 11:15	1

Lab Sample ID: LCS 880-91891/1-A
Matrix: Solid
Analysis Batch: 91883

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91891

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09510		mg/Kg		95	70 - 130
Toluene	0.100	0.09923		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.1101		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2316		mg/Kg		116	70 - 130
o-Xylene	0.100	0.1109		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-91891/2-A
Matrix: Solid
Analysis Batch: 91883

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91891

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08443		mg/Kg		84	70 - 130	12	35
Toluene	0.100	0.08301		mg/Kg		83	70 - 130	18	35
Ethylbenzene	0.100	0.09109		mg/Kg		91	70 - 130	19	35
m-Xylene & p-Xylene	0.200	0.1696		mg/Kg		85	70 - 130	31	35
o-Xylene	0.100	0.08340		mg/Kg		83	70 - 130	28	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-49052-4 MS
Matrix: Solid
Analysis Batch: 91883

Client Sample ID: S-1 (3')
Prep Type: Total/NA
Prep Batch: 91891

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.08174		mg/Kg		82	70 - 130
Toluene	<0.00201	U	0.100	0.08829		mg/Kg		88	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-49052-4 MS

Matrix: Solid

Analysis Batch: 91883

Client Sample ID: S-1 (3')

Prep Type: Total/NA

Prep Batch: 91891

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.09555		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2064		mg/Kg		103	70 - 130
o-Xylene	<0.00201	U	0.100	0.1004		mg/Kg		100	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-49052-4 MSD

Matrix: Solid

Analysis Batch: 91883

Client Sample ID: S-1 (3')

Prep Type: Total/NA

Prep Batch: 91891

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.09559		mg/Kg		96	70 - 130	16	35
Toluene	<0.00201	U	0.100	0.09515		mg/Kg		95	70 - 130	7	35
Ethylbenzene	<0.00201	U	0.100	0.1095		mg/Kg		110	70 - 130	14	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1962		mg/Kg		98	70 - 130	5	35
o-Xylene	<0.00201	U	0.100	0.09450		mg/Kg		94	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	133	S1+	70 - 130

Lab Sample ID: MB 880-91893/5-A

Matrix: Solid

Analysis Batch: 91814

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91893

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 11:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 11:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 11:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 09:24	09/27/24 11:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 11:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 09:24	09/27/24 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	09/27/24 09:24	09/27/24 11:11	1
1,4-Difluorobenzene (Surr)	95		70 - 130	09/27/24 09:24	09/27/24 11:11	1

Lab Sample ID: LCS 880-91893/1-A

Matrix: Solid

Analysis Batch: 91814

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91893

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09710		mg/Kg		97	70 - 130
Toluene	0.100	0.1010		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1030		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2103		mg/Kg		105	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-91893/1-A

Matrix: Solid

Analysis Batch: 91814

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91893

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1044		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-91893/2-A

Matrix: Solid

Analysis Batch: 91814

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91893

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1034		mg/Kg		103	70 - 130	6	35
Toluene	0.100	0.1080		mg/Kg		108	70 - 130	7	35
Ethylbenzene	0.100	0.1104		mg/Kg		110	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2249		mg/Kg		112	70 - 130	7	35
o-Xylene	0.100	0.1119		mg/Kg		112	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-49051-A-1-C MS

Matrix: Solid

Analysis Batch: 91814

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 91893

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.08773		mg/Kg		88	70 - 130
Toluene	<0.00201	U	0.100	0.09095		mg/Kg		91	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.09086		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1846		mg/Kg		92	70 - 130
o-Xylene	<0.00201	U	0.100	0.09097		mg/Kg		91	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-49051-A-1-D MSD

Matrix: Solid

Analysis Batch: 91814

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 91893

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00201	U	0.100	0.08544		mg/Kg		85	70 - 130	3	35
Toluene	<0.00201	U	0.100	0.08856		mg/Kg		89	70 - 130	3	35
Ethylbenzene	<0.00201	U	0.100	0.08912		mg/Kg		89	70 - 130	2	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1815		mg/Kg		91	70 - 130	2	35
o-Xylene	<0.00201	U	0.100	0.08984		mg/Kg		90	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-49051-A-1-D MSD
Matrix: Solid
Analysis Batch: 91814

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 91893

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-91902/5-A
Matrix: Solid
Analysis Batch: 91815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 91902

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:28	09/27/24 11:22	1	
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:28	09/27/24 11:22	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:28	09/27/24 11:22	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 09:28	09/27/24 11:22	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:28	09/27/24 11:22	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 09:28	09/27/24 11:22	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				09/27/24 09:28	09/27/24 11:22	1	
1,4-Difluorobenzene (Surr)	97		70 - 130				09/27/24 09:28	09/27/24 11:22	1	

Lab Sample ID: LCS 880-91902/1-A
Matrix: Solid
Analysis Batch: 91815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91902

Analyte	Spike	LCS	LCS					%Rec		
	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.08827		mg/Kg		88	70 - 130			
Toluene	0.100	0.08290		mg/Kg		83	70 - 130			
Ethylbenzene	0.100	0.08059		mg/Kg		81	70 - 130			
m-Xylene & p-Xylene	0.200	0.1721		mg/Kg		86	70 - 130			
o-Xylene	0.100	0.08721		mg/Kg		87	70 - 130			

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-91902/2-A
Matrix: Solid
Analysis Batch: 91815

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91902

Analyte	Spike	LCSD	LCSD					%Rec		RPD
	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.09073		mg/Kg		91	70 - 130	3	35	
Toluene	0.100	0.08528		mg/Kg		85	70 - 130	3	35	
Ethylbenzene	0.100	0.08305		mg/Kg		83	70 - 130	3	35	
m-Xylene & p-Xylene	0.200	0.1765		mg/Kg		88	70 - 130	2	35	
o-Xylene	0.100	0.09172		mg/Kg		92	70 - 130	5	35	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-91902/2-A

Matrix: Solid

Analysis Batch: 91815

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91902

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

Lab Sample ID: 880-49052-14 MS

Matrix: Solid

Analysis Batch: 91815

Client Sample ID: S-5 (0-6")

Prep Type: Total/NA

Prep Batch: 91902

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00201	U	0.100	0.09792		mg/Kg		98	70 - 130
Toluene	<0.00201	U	0.100	0.09465		mg/Kg		95	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.09532		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2012		mg/Kg		101	70 - 130
o-Xylene	<0.00201	U	0.100	0.1025		mg/Kg		102	70 - 130

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

Lab Sample ID: 880-49052-14 MSD

Matrix: Solid

Analysis Batch: 91815

Client Sample ID: S-5 (0-6")

Prep Type: Total/NA

Prep Batch: 91902

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00201	U	0.100	0.09260		mg/Kg		93	70 - 130	6	35
Toluene	<0.00201	U	0.100	0.09079		mg/Kg		91	70 - 130	4	35
Ethylbenzene	<0.00201	U	0.100	0.09031		mg/Kg		90	70 - 130	5	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1901		mg/Kg		95	70 - 130	6	35
o-Xylene	<0.00201	U	0.100	0.09616		mg/Kg		96	70 - 130	6	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

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

Lab Sample ID: MB 880-91868/1-A

Matrix: Solid

Analysis Batch: 91875

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91868

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/27/24 20:15		1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/27/24 20:15		1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/27/24 20:15		1

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	130		70 - 130	09/26/24 21:23	09/27/24 20:15		1			
o-Terphenyl	148	S1+	70 - 130	09/26/24 21:23	09/27/24 20:15		1			

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-91868/2-A

Matrix: Solid

Analysis Batch: 91875

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91868

			Spike	LCS	LCS			%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	994.0		mg/Kg		99	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	906.2		mg/Kg		91	70 - 130	
		LCS		LCS						
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	91		70 - 130							
o-Terphenyl	89		70 - 130							

Lab Sample ID: LCSD 880-91868/3-A

Matrix: Solid

Analysis Batch: 91875

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91868

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Gasoline Range Organics (GRO)-C6-C10	1000	911.4		mg/Kg		91	70 - 130	9	20 - 100
Diesel Range Organics (Over C10-C28)	1000	918.7		mg/Kg		92	70 - 130	1	20 - 100
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	85		70 - 130						
o-Terphenyl	85		70 - 130						

Lab Sample ID: 890-7169-A-1-B MS

Matrix: Solid

Analysis Batch: 91875

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 91868

	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	998	823.9		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1027		mg/Kg		103	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	113		70 - 130								
o-Terphenyl	107		70 - 130								

Lab Sample ID: 890-7169-A-1-C MSD

Matrix: Solid

Analysis Batch: 91875

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 91868

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	761.9		mg/Kg		73	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	969.6		mg/Kg		97	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	105		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 890-7169-A-1-C MSD
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 91868

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	101		70 - 130

Lab Sample ID: MB 880-91869/1-A
Matrix: Solid
Analysis Batch: 91877

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 91869

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/24 21:26	09/27/24 20:15	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/24 21:26	09/27/24 20:15	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/24 21:26	09/27/24 20:15	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	140	S1+	70 - 130				09/26/24 21:26	09/27/24 20:15	1	
<i>o</i> -Terphenyl	178	S1+	70 - 130				09/26/24 21:26	09/27/24 20:15	1	

Lab Sample ID: LCS 880-91869/2-A
Matrix: Solid
Analysis Batch: 91877

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91869

Analyte	Spike	LCS	LCS					%Rec		
	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	1008		mg/Kg		101	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	999.3		mg/Kg		100	70 - 130			
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	85		70 - 130							
<i>o</i> -Terphenyl	92		70 - 130							

Lab Sample ID: LCSD 880-91869/3-A
Matrix: Solid
Analysis Batch: 91877

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91869

Analyte				Spike	LCSD	LCSD				%Rec	RPD	
				Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10				1000	1062		mg/Kg		106	70 - 130	5	20
Diesel Range Organics (Over C10-C28)				1000	1077		mg/Kg		108	70 - 130	7	20

QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-49052-5 MS
Matrix: Solid
Analysis Batch: 91877

Client Sample ID: S-2 (0-1')
Prep Type: Total/NA
Prep Batch: 91869

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	983.9		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1124		mg/Kg		110	70 - 130		
	MS %Recovery	MS Qualifier									
Surrogate			Limits								
1-Chlorooctane	111		70 - 130								
o-Terphenyl	119		70 - 130								

Lab Sample ID: 880-49052-5 MSD
Matrix: Solid
Analysis Batch: 91877

Client Sample ID: S-2 (0-1')
Prep Type: Total/NA
Prep Batch: 91869

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	947.1		mg/Kg		94	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1100		mg/Kg		108	70 - 130	2	20
	MSD %Recovery	MSD Qualifier									
Surrogate			Limits								
1-Chlorooctane	109		70 - 130								
o-Terphenyl	117		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-91892/1-A
Matrix: Solid
Analysis Batch: 91945

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/27/24 13:25	1

Lab Sample ID: LCS 880-91892/2-A
Matrix: Solid
Analysis Batch: 91945

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	245.6		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-91892/3-A
Matrix: Solid
Analysis Batch: 91945

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	246.0		mg/Kg		98	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-49052-1 MS

Matrix: Solid

Analysis Batch: 91945

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7300		5040	12810		mg/Kg		109	90 - 110

Lab Sample ID: 880-49052-1 MSD

Matrix: Solid

Analysis Batch: 91945

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7300		5040	12810		mg/Kg		109	90 - 110	0	20

Lab Sample ID: MB 880-91954/1-A

Matrix: Solid

Analysis Batch: 91984

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/30/24 11:58	1

Lab Sample ID: LCS 880-91954/2-A

Matrix: Solid

Analysis Batch: 91984

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.1		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-91954/3-A

Matrix: Solid

Analysis Batch: 91984

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	0	20

Lab Sample ID: 880-49052-11 MS

Matrix: Solid

Analysis Batch: 91984

Client Sample ID: S-3 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	106		253	355.7		mg/Kg		99	90 - 110

Lab Sample ID: 880-49052-11 MSD

Matrix: Solid

Analysis Batch: 91984

Client Sample ID: S-3 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	106		253	353.7		mg/Kg		98	90 - 110	1	20

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QC Association Summary

Client: Carmona Resources

Job ID: 880-49052-1

Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 91814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-1	S-1 (0-1')	Total/NA	Solid	8021B	91893
880-49052-2	S-1 (1.5')	Total/NA	Solid	8021B	91893
880-49052-3	S-1 (2')	Total/NA	Solid	8021B	91893
MB 880-91893/5-A	Method Blank	Total/NA	Solid	8021B	91893
LCS 880-91893/1-A	Lab Control Sample	Total/NA	Solid	8021B	91893
LCSD 880-91893/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91893
880-49051-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	91893
880-49051-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	91893

Analysis Batch: 91815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-14	S-5 (0-6")	Total/NA	Solid	8021B	91902
MB 880-91902/5-A	Method Blank	Total/NA	Solid	8021B	91902
LCS 880-91902/1-A	Lab Control Sample	Total/NA	Solid	8021B	91902
LCSD 880-91902/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91902
880-49052-14 MS	S-5 (0-6")	Total/NA	Solid	8021B	91902
880-49052-14 MSD	S-5 (0-6")	Total/NA	Solid	8021B	91902

Analysis Batch: 91883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-4	S-1 (3')	Total/NA	Solid	8021B	91891
880-49052-5	S-2 (0-1')	Total/NA	Solid	8021B	91891
880-49052-6	S-2 (1.5')	Total/NA	Solid	8021B	91891
880-49052-7	S-2 (2')	Total/NA	Solid	8021B	91891
880-49052-8	S-3 (0-1')	Total/NA	Solid	8021B	91891
880-49052-9	S-3 (1.5')	Total/NA	Solid	8021B	91891
880-49052-10	S-3 (2')	Total/NA	Solid	8021B	91891
880-49052-11	S-3 (3')	Total/NA	Solid	8021B	91891
880-49052-12	S-4 (0-1')	Total/NA	Solid	8021B	91891
880-49052-13	S-4 (1.5')	Total/NA	Solid	8021B	91891
MB 880-91891/5-A	Method Blank	Total/NA	Solid	8021B	91891
LCS 880-91891/1-A	Lab Control Sample	Total/NA	Solid	8021B	91891
LCSD 880-91891/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91891
880-49052-4 MS	S-1 (3')	Total/NA	Solid	8021B	91891
880-49052-4 MSD	S-1 (3')	Total/NA	Solid	8021B	91891

Prep Batch: 91891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-4	S-1 (3')	Total/NA	Solid	5035	
880-49052-5	S-2 (0-1')	Total/NA	Solid	5035	
880-49052-6	S-2 (1.5')	Total/NA	Solid	5035	
880-49052-7	S-2 (2')	Total/NA	Solid	5035	
880-49052-8	S-3 (0-1')	Total/NA	Solid	5035	
880-49052-9	S-3 (1.5')	Total/NA	Solid	5035	
880-49052-10	S-3 (2')	Total/NA	Solid	5035	
880-49052-11	S-3 (3')	Total/NA	Solid	5035	
880-49052-12	S-4 (0-1')	Total/NA	Solid	5035	
880-49052-13	S-4 (1.5')	Total/NA	Solid	5035	
MB 880-91891/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-91891/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-91891/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 91891 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-4 MS	S-1 (3')	Total/NA	Solid	5035	
880-49052-4 MSD	S-1 (3')	Total/NA	Solid	5035	

Prep Batch: 91893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-1	S-1 (0-1')	Total/NA	Solid	5035	
880-49052-2	S-1 (1.5')	Total/NA	Solid	5035	
880-49052-3	S-1 (2')	Total/NA	Solid	5035	
MB 880-91893/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-91893/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-91893/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49051-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-49051-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 91902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-14	S-5 (0-6")	Total/NA	Solid	5035	
MB 880-91902/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-91902/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-91902/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49052-14 MS	S-5 (0-6")	Total/NA	Solid	5035	
880-49052-14 MSD	S-5 (0-6")	Total/NA	Solid	5035	

Analysis Batch: 91986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-49052-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-49052-3	S-1 (2')	Total/NA	Solid	Total BTEX	
880-49052-4	S-1 (3')	Total/NA	Solid	Total BTEX	
880-49052-5	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-49052-6	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-49052-7	S-2 (2')	Total/NA	Solid	Total BTEX	
880-49052-8	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-49052-9	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-49052-10	S-3 (2')	Total/NA	Solid	Total BTEX	
880-49052-11	S-3 (3')	Total/NA	Solid	Total BTEX	
880-49052-12	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-49052-13	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-49052-14	S-5 (0-6")	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 91868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-49052-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-49052-3	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-49052-4	S-1 (3')	Total/NA	Solid	8015NM Prep	
MB 880-91868/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-91868/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-91868/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 91868 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7169-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7169-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 91869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-5	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-49052-6	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-49052-7	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-49052-8	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-49052-9	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-49052-10	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-49052-11	S-3 (3')	Total/NA	Solid	8015NM Prep	
880-49052-12	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-49052-13	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-49052-14	S-5 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-91869/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-91869/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-91869/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49052-5 MS	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-49052-5 MSD	S-2 (0-1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 91875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-1	S-1 (0-1')	Total/NA	Solid	8015B NM	91868
880-49052-2	S-1 (1.5')	Total/NA	Solid	8015B NM	91868
880-49052-3	S-1 (2')	Total/NA	Solid	8015B NM	91868
880-49052-4	S-1 (3')	Total/NA	Solid	8015B NM	91868
MB 880-91868/1-A	Method Blank	Total/NA	Solid	8015B NM	91868
LCS 880-91868/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	91868
LCSD 880-91868/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	91868
890-7169-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	91868
890-7169-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	91868

Analysis Batch: 91877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-5	S-2 (0-1')	Total/NA	Solid	8015B NM	91869
880-49052-6	S-2 (1.5')	Total/NA	Solid	8015B NM	91869
880-49052-7	S-2 (2')	Total/NA	Solid	8015B NM	91869
880-49052-8	S-3 (0-1')	Total/NA	Solid	8015B NM	91869
880-49052-9	S-3 (1.5')	Total/NA	Solid	8015B NM	91869
880-49052-10	S-3 (2')	Total/NA	Solid	8015B NM	91869
880-49052-11	S-3 (3')	Total/NA	Solid	8015B NM	91869
880-49052-12	S-4 (0-1')	Total/NA	Solid	8015B NM	91869
880-49052-13	S-4 (1.5')	Total/NA	Solid	8015B NM	91869
880-49052-14	S-5 (0-6")	Total/NA	Solid	8015B NM	91869
MB 880-91869/1-A	Method Blank	Total/NA	Solid	8015B NM	91869
LCS 880-91869/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	91869
LCSD 880-91869/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	91869
880-49052-5 MS	S-2 (0-1')	Total/NA	Solid	8015B NM	91869
880-49052-5 MSD	S-2 (0-1')	Total/NA	Solid	8015B NM	91869

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

GC Semi VOA

Analysis Batch: 92104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-49052-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-49052-3	S-1 (2')	Total/NA	Solid	8015 NM	
880-49052-4	S-1 (3')	Total/NA	Solid	8015 NM	
880-49052-5	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-49052-6	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-49052-7	S-2 (2')	Total/NA	Solid	8015 NM	
880-49052-8	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-49052-9	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-49052-10	S-3 (2')	Total/NA	Solid	8015 NM	
880-49052-11	S-3 (3')	Total/NA	Solid	8015 NM	
880-49052-12	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-49052-13	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-49052-14	S-5 (0-6")	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 91892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-49052-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-49052-3	S-1 (2')	Soluble	Solid	DI Leach	
880-49052-4	S-1 (3')	Soluble	Solid	DI Leach	
880-49052-5	S-2 (0-1')	Soluble	Solid	DI Leach	
880-49052-6	S-2 (1.5')	Soluble	Solid	DI Leach	
880-49052-7	S-2 (2')	Soluble	Solid	DI Leach	
880-49052-8	S-3 (0-1')	Soluble	Solid	DI Leach	
880-49052-9	S-3 (1.5')	Soluble	Solid	DI Leach	
880-49052-10	S-3 (2')	Soluble	Solid	DI Leach	
MB 880-91892/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91892/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91892/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49052-1 MS	S-1 (0-1')	Soluble	Solid	DI Leach	
880-49052-1 MSD	S-1 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 91945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-1	S-1 (0-1')	Soluble	Solid	300.0	91892
880-49052-2	S-1 (1.5')	Soluble	Solid	300.0	91892
880-49052-3	S-1 (2')	Soluble	Solid	300.0	91892
880-49052-4	S-1 (3')	Soluble	Solid	300.0	91892
880-49052-5	S-2 (0-1')	Soluble	Solid	300.0	91892
880-49052-6	S-2 (1.5')	Soluble	Solid	300.0	91892
880-49052-7	S-2 (2')	Soluble	Solid	300.0	91892
880-49052-8	S-3 (0-1')	Soluble	Solid	300.0	91892
880-49052-9	S-3 (1.5')	Soluble	Solid	300.0	91892
880-49052-10	S-3 (2')	Soluble	Solid	300.0	91892
MB 880-91892/1-A	Method Blank	Soluble	Solid	300.0	91892
LCS 880-91892/2-A	Lab Control Sample	Soluble	Solid	300.0	91892
LCSD 880-91892/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91892
880-49052-1 MS	S-1 (0-1')	Soluble	Solid	300.0	91892

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 91945 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-1 MSD	S-1 (0-1')	Soluble	Solid	300.0	91892

Leach Batch: 91954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-11	S-3 (3')	Soluble	Solid	DI Leach	
880-49052-12	S-4 (0-1')	Soluble	Solid	DI Leach	
880-49052-13	S-4 (1.5')	Soluble	Solid	DI Leach	
880-49052-14	S-5 (0-6")	Soluble	Solid	DI Leach	
MB 880-91954/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91954/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91954/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49052-11 MS	S-3 (3')	Soluble	Solid	DI Leach	
880-49052-11 MSD	S-3 (3')	Soluble	Solid	DI Leach	

Analysis Batch: 91984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49052-11	S-3 (3')	Soluble	Solid	300.0	91954
880-49052-12	S-4 (0-1')	Soluble	Solid	300.0	91954
880-49052-13	S-4 (1.5')	Soluble	Solid	300.0	91954
880-49052-14	S-5 (0-6")	Soluble	Solid	300.0	91954
MB 880-91954/1-A	Method Blank	Soluble	Solid	300.0	91954
LCS 880-91954/2-A	Lab Control Sample	Soluble	Solid	300.0	91954
LCSD 880-91954/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91954
880-49052-11 MS	S-3 (3')	Soluble	Solid	300.0	91954
880-49052-11 MSD	S-3 (3')	Soluble	Solid	300.0	91954

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (0-1')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-1
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	91893	09/27/24 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91814	09/27/24 13:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91986	09/27/24 13:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			92104	09/28/24 03:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/28/24 03:45	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	91892	09/27/24 09:23	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	91945	09/27/24 15:18	CH	EET MID

Client Sample ID: S-1 (1.5')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	91893	09/27/24 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91814	09/27/24 14:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91986	09/27/24 14:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			92104	09/28/24 04:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/28/24 04:06	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	91892	09/27/24 09:23	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	91945	09/27/24 15:38	CH	EET MID

Client Sample ID: S-1 (2')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	91893	09/27/24 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91814	09/27/24 14:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91986	09/27/24 14:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			92104	09/28/24 06:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/28/24 06:33	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	91892	09/27/24 09:23	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	91945	09/27/24 15:45	CH	EET MID

Client Sample ID: S-1 (3')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	91891	09/27/24 09:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/27/24 11:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91986	09/27/24 11:37	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (3')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			92104	09/28/24 06:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/28/24 06:53	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	91892	09/27/24 09:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91945	09/27/24 16:05	CH	EET MID

Client Sample ID: S-2 (0-1')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	91891	09/27/24 09:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/27/24 11:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91986	09/27/24 11:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			92104	09/27/24 21:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	91869	09/26/24 21:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91877	09/27/24 21:17	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	91892	09/27/24 09:23	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	91945	09/27/24 16:12	CH	EET MID

Client Sample ID: S-2 (1.5')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	91891	09/27/24 09:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/27/24 12:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91986	09/27/24 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			92104	09/27/24 22:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	91869	09/26/24 21:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91877	09/27/24 22:18	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	91892	09/27/24 09:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91945	09/27/24 17:25	CH	EET MID

Client Sample ID: S-2 (2')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	91891	09/27/24 09:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/27/24 12:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91986	09/27/24 12:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			92104	09/27/24 22:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	91869	09/26/24 21:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91877	09/27/24 22:39	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (2')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-7
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			5.02 g	50 mL	91892	09/27/24 09:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91945	09/27/24 17:32	CH	EET MID

Client Sample ID: S-3 (0-1')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	91891	09/27/24 09:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/27/24 12:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91986	09/27/24 12:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			92104	09/27/24 23:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	91869	09/26/24 21:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91877	09/27/24 23:00	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	91892	09/27/24 09:23	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	91945	09/27/24 17:39	CH	EET MID

Client Sample ID: S-3 (1.5')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	91891	09/27/24 09:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/27/24 13:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91986	09/27/24 13:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			92104	09/27/24 23:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91869	09/26/24 21:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91877	09/27/24 23:20	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	91892	09/27/24 09:23	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	91945	09/27/24 17:45	CH	EET MID

Client Sample ID: S-3 (2')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	91891	09/27/24 09:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/27/24 13:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91986	09/27/24 13:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			92104	09/27/24 23:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	91869	09/26/24 21:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91877	09/27/24 23:40	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	91892	09/27/24 09:23	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	91945	09/27/24 17:52	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (3')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	91891	09/27/24 09:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/27/24 14:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91986	09/27/24 14:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			92104	09/28/24 00:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	91869	09/26/24 21:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91877	09/28/24 00:01	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	91954	09/27/24 15:13	SA	EET MID
Soluble	Analysis	300.0		1			91984	09/30/24 15:02	CH	EET MID

Client Sample ID: S-4 (0-1')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	91891	09/27/24 09:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/27/24 14:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91986	09/27/24 14:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			92104	09/28/24 00:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	91869	09/26/24 21:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91877	09/28/24 00:21	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	91954	09/27/24 15:13	SA	EET MID
Soluble	Analysis	300.0		1			91984	09/30/24 15:18	CH	EET MID

Client Sample ID: S-4 (1.5')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	91891	09/27/24 09:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/27/24 14:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91986	09/27/24 14:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			92104	09/28/24 00:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91869	09/26/24 21:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91877	09/28/24 00:42	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	91954	09/27/24 15:13	SA	EET MID
Soluble	Analysis	300.0		1			91984	09/30/24 15:23	CH	EET MID

Client Sample ID: S-5 (0-6")
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	91902	09/27/24 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/27/24 11:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91986	09/27/24 11:44	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Client Sample ID: S-5 (0-6")
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49052-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			92104	09/28/24 01:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	91869	09/26/24 21:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91877	09/28/24 01:02	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	91954	09/27/24 15:13	SA	EET MID
Soluble	Analysis	300.0		5			91984	09/30/24 12:46	CH	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: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
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: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

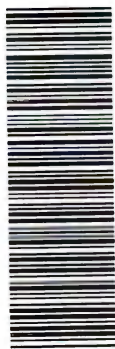
Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49052-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-49052-1	S-1 (0-1')	Solid	09/18/24 00:00	09/26/24 16:28
880-49052-2	S-1 (1.5')	Solid	09/18/24 00:00	09/26/24 16:28
880-49052-3	S-1 (2')	Solid	09/18/24 00:00	09/26/24 16:28
880-49052-4	S-1 (3')	Solid	09/18/24 00:00	09/26/24 16:28
880-49052-5	S-2 (0-1')	Solid	09/18/24 00:00	09/26/24 16:28
880-49052-6	S-2 (1.5')	Solid	09/18/24 00:00	09/26/24 16:28
880-49052-7	S-2 (2')	Solid	09/18/24 00:00	09/26/24 16:28
880-49052-8	S-3 (0-1')	Solid	09/18/24 00:00	09/26/24 16:28
880-49052-9	S-3 (1.5')	Solid	09/18/24 00:00	09/26/24 16:28
880-49052-10	S-3 (2')	Solid	09/18/24 00:00	09/26/24 16:28
880-49052-11	S-3 (3')	Solid	09/18/24 00:00	09/26/24 16:28
880-49052-12	S-4 (0-1')	Solid	09/18/24 00:00	09/26/24 16:28
880-49052-13	S-4 (1.5')	Solid	09/18/24 00:00	09/26/24 16:28
880-49052-14	S-5 (0-6")	Solid	09/18/24 00:00	09/26/24 16:28

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Chain of Custody



880-49052 Chain of Custody

Page 1 of 2

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

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

SAMPLE RECEIPT		Turn Around		Due Date:		72 HR		Parameters		Preservative Codes	
Received Intact:	Temp Blank:	Yes	No	Yes	No	Yes	No	Yes	No	None	NO
Cooler Custody Seals:	Thermometer ID:	Yes	No	Yes	No	Yes	No	Yes	No	Cool	Cool
Sample Custody Seals:	Correction Factor:	Yes	No	Yes	No	Yes	No	Yes	No	HCL	HC
Total Containers:	Temperature Reading:	Yes	No	Yes	No	Yes	No	Yes	No	H ₂ SO ₄	H ₂
	Corrected Temperature:	Yes	No	Yes	No	Yes	No	Yes	No	H ₃ PO ₄	HP
Project Name:	Call Roll 24 Fed Com 2H (5.6.24)	2373		Eddy County, New Mexico		JM					
Project Number:											
Project Location:											
Sampler's Name:											
PO #:											
Received Intact:	Yes	No		Yes	No	Yes	No				
Cooler Custody Seals:	Yes	No		Yes	No	Yes	No				
Sample Custody Seals:	Yes	No		Yes	No	Yes	No				
Total Containers:	1-7										
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont					
S-1 (0-1')	9/18/2024		X		G	1	BTX 8021B		TPH 8015M (GRO + DRO + MRO)		Chloride 300.0
S-1 (1.5')	9/18/2024		X		G	1					
S-1 (2')	9/18/2024		X		G	1					
S-1 (3')	9/18/2024		X		G	1					
S-2 (0-1')	9/18/2024		X		G	1					
S-2 (1.5')	9/18/2024		X		G	1					
S-2 (2')	9/18/2024		X		G	1					
S-3 (0-1')	9/18/2024		X		G	1					
S-3 (1.5')	9/18/2024		X		G	1					
S-3 (2')	9/18/2024		X		G	1					

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	09/26/24	<i>[Signature]</i>	

Chain of Custody

Work Order No: 49552

Page 2 of 2

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

Project Name:		Cali Roll 24 Fed Com 2H (5.6.24)		Turn Around		Pres. Code		ANALYSIS REC			
Project Number:		2373		☐ Routine ☒ Rush							
Project Location		Eddy County, New Mexico		Due Date:		72 HR					
Sampler's Name:		JM									
PO #:											
SAMPLE RECEIPT				Temp Blank:		Yes		No			
Received Intact:				Yes		No		Thermometer ID:			
Cooler Custody Seals:				Yes		No		Correction Factor:			
Sample Custody Seals:				Yes		No		Temperature Reading:			
Total Containers:								Corrected Temperature:			

[illegible]

Comments: Email to [Mike Carmona / Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com) and Conner Moehring / Cmoehring@carmonaresources.com

Work Order Comments									
State of Project: Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐ Deliverables: EDD ☐ ADaPT ☐ Other: ☐									

[illegible]

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner McCarmona	04/26/24	[Signature]	
	1602		

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-49052-1

SDG Number: Eddy County, New Mexico

Login Number: 49052

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/30/2024 12:43:30 PM

JOB DESCRIPTION

Cali Roll 24 Fed Com 2H (5.6.24)
Eddy County, New Mexico

JOB NUMBER

880-49051-1

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
9/30/2024 12:43:30 PM

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

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Laboratory Job ID: 880-49051-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy 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
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
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1

Job ID: 880-49051-1

Eurofins Midland

Job Narrative 880-49051-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 9/26/2024 4:28 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.7°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-49051-1), H-2 (0-0.5') (880-49051-2), H-3 (0-0.5') (880-49051-3), H-4 (0-0.5') (880-49051-4), H-5 (0-0.5') (880-49051-5), H-6 (0-0.5') (880-49051-6) and H-7 (0-0.5') (880-49051-7).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-91868 and analytical batch 880-91875 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5') (880-49051-1) and H-3 (0-0.5') (880-49051-3). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-49051-1

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:24	09/27/24 11:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:24	09/27/24 11:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:24	09/27/24 11:33	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 09:24	09/27/24 11:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:24	09/27/24 11:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 09:24	09/27/24 11:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	09/27/24 09:24	09/27/24 11:33	1
1,4-Difluorobenzene (Surr)	100		70 - 130	09/27/24 09:24	09/27/24 11:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/27/24 11:33	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			09/28/24 01:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/26/24 21:23	09/28/24 01:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/26/24 21:23	09/28/24 01:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/26/24 21:23	09/28/24 01:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130	09/26/24 21:23	09/28/24 01:02	1
o-Terphenyl	145	S1+	70 - 130	09/26/24 21:23	09/28/24 01:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		5.05		mg/Kg			09/27/24 14:18	1

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

Lab Sample ID: 880-49051-2

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:24	09/27/24 11:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 11:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 11:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 09:24	09/27/24 11:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 11:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 09:24	09/27/24 11:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	09/27/24 09:24	09/27/24 11:53	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/27/24 09:24	09/27/24 11:53	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-49051-2

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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			09/27/24 11:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/28/24 01:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/26/24 21:23	09/28/24 01:43	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/26/24 21:23	09/28/24 01:43	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/26/24 21:23	09/28/24 01:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				09/26/24 21:23	09/28/24 01:43	1
o-Terphenyl	105		70 - 130				09/26/24 21:23	09/28/24 01:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.13		4.98		mg/Kg			09/27/24 14:25	1

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

Lab Sample ID: 880-49051-3

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:24	09/27/24 12:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:24	09/27/24 12:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:24	09/27/24 12:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 09:24	09/27/24 12:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 09:24	09/27/24 12:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 09:24	09/27/24 12:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				09/27/24 09:24	09/27/24 12:14	1
1,4-Difluorobenzene (Surr)	99		70 - 130				09/27/24 09:24	09/27/24 12:14	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			09/27/24 12:14	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			09/28/24 02:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/28/24 02:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/28/24 02:03	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-49051-3

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/26/24 21:23	09/28/24 02:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				09/26/24 21:23	09/28/24 02:03	1
o-Terphenyl	133	S1+	70 - 130				09/26/24 21:23	09/28/24 02:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		4.96		mg/Kg			09/27/24 14:45	1

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

Lab Sample ID: 880-49051-4

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:24	09/27/24 12:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:24	09/27/24 12:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:24	09/27/24 12:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 09:24	09/27/24 12:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:24	09/27/24 12:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 09:24	09/27/24 12:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				09/27/24 09:24	09/27/24 12:34	1
1,4-Difluorobenzene (Surr)	99		70 - 130				09/27/24 09:24	09/27/24 12:34	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			09/27/24 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/28/24 02:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/26/24 21:23	09/28/24 02:24	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/26/24 21:23	09/28/24 02:24	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/26/24 21:23	09/28/24 02:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				09/26/24 21:23	09/28/24 02:24	1
o-Terphenyl	104		70 - 130				09/26/24 21:23	09/28/24 02:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		5.05		mg/Kg			09/27/24 14:52	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-49051-5

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:24	09/27/24 12:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 12:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 12:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 09:24	09/27/24 12:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 12:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 09:24	09/27/24 12:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	09/27/24 09:24	09/27/24 12:55	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/27/24 09:24	09/27/24 12:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/27/24 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/28/24 02:44	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		09/26/24 21:23	09/28/24 02:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/26/24 21:23	09/28/24 02:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/26/24 21:23	09/28/24 02:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	09/26/24 21:23	09/28/24 02:44	1
o-Terphenyl	108		70 - 130	09/26/24 21:23	09/28/24 02:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		4.98		mg/Kg			09/27/24 14:58	1

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

Lab Sample ID: 880-49051-6

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:24	09/27/24 13:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:24	09/27/24 13:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:24	09/27/24 13:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 09:24	09/27/24 13:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:24	09/27/24 13:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 09:24	09/27/24 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	09/27/24 09:24	09/27/24 13:15	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/27/24 09:24	09/27/24 13:15	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-49051-6

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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			09/27/24 13:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/28/24 03:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/26/24 21:23	09/28/24 03:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/24 21:23	09/28/24 03:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/24 21:23	09/28/24 03:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				09/26/24 21:23	09/28/24 03:04	1
o-Terphenyl	107		70 - 130				09/26/24 21:23	09/28/24 03:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.94		4.97		mg/Kg			09/27/24 15:05	1

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

Lab Sample ID: 880-49051-7

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/26/24 16:28

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		09/27/24 09:24	09/27/24 13:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:24	09/27/24 13:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:24	09/27/24 13:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 09:24	09/27/24 13:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 09:24	09/27/24 13:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 09:24	09/27/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				09/27/24 09:24	09/27/24 13:36	1
1,4-Difluorobenzene (Surr)	99		70 - 130				09/27/24 09:24	09/27/24 13:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/27/24 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/28/24 03:25	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		09/26/24 21:23	09/28/24 03:25	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/26/24 21:23	09/28/24 03:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

Client Sample ID: H-7 (0-0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49051-7
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/26/24 21:23	09/28/24 03:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				09/26/24 21:23	09/28/24 03:25	1
o-Terphenyl	105		70 - 130				09/26/24 21:23	09/28/24 03:25	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127		4.96		mg/Kg			09/27/24 15:12	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-49051-1	H-1 (0-0.5')	119	100
880-49051-1 MS	H-1 (0-0.5')	115	98
880-49051-1 MSD	H-1 (0-0.5')	113	99
880-49051-2	H-2 (0-0.5')	113	99
880-49051-3	H-3 (0-0.5')	114	99
880-49051-4	H-4 (0-0.5')	115	99
880-49051-5	H-5 (0-0.5')	113	99
880-49051-6	H-6 (0-0.5')	116	99
880-49051-7	H-7 (0-0.5')	117	99
LCS 880-91893/1-A	Lab Control Sample	107	97
LCSD 880-91893/2-A	Lab Control Sample Dup	110	98
MB 880-91893/5-A	Method Blank	107	95
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)
880-49051-1	H-1 (0-0.5')	134 S1+	145 S1+
880-49051-2	H-2 (0-0.5')	101	105
880-49051-3	H-3 (0-0.5')	126	133 S1+
880-49051-4	H-4 (0-0.5')	97	104
880-49051-5	H-5 (0-0.5')	104	108
880-49051-6	H-6 (0-0.5')	102	107
880-49051-7	H-7 (0-0.5')	99	105
890-7169-A-1-B MS	Matrix Spike	113	107
890-7169-A-1-C MSD	Matrix Spike Duplicate	105	101
LCS 880-91868/2-A	Lab Control Sample	91	89
LCSD 880-91868/3-A	Lab Control Sample Dup	85	85
MB 880-91868/1-A	Method Blank	130	148 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-91893/5-A

Matrix: Solid

Analysis Batch: 91814

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91893

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 11:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 11:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 11:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 09:24	09/27/24 11:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:24	09/27/24 11:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 09:24	09/27/24 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	09/27/24 09:24	09/27/24 11:11	1
1,4-Difluorobenzene (Surr)	95		70 - 130	09/27/24 09:24	09/27/24 11:11	1

Lab Sample ID: LCS 880-91893/1-A

Matrix: Solid

Analysis Batch: 91814

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91893

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09710		mg/Kg		97	70 - 130
Toluene	0.100	0.1010		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1030		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2103		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1044		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-91893/2-A

Matrix: Solid

Analysis Batch: 91814

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91893

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	6	35
Toluene	0.100	0.1080		mg/Kg		108	70 - 130	7	35
Ethylbenzene	0.100	0.1104		mg/Kg		110	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2249		mg/Kg		112	70 - 130	7	35
o-Xylene	0.100	0.1119		mg/Kg		112	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-49051-1 MS

Matrix: Solid

Analysis Batch: 91814

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

Prep Type: Total/NA

Prep Batch: 91893

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.08773		mg/Kg		88	70 - 130
Toluene	<0.00201	U	0.100	0.09095		mg/Kg		91	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-49051-1 MS
Matrix: Solid
Analysis Batch: 91814

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 91893

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.09086		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1846		mg/Kg		92	70 - 130
o-Xylene	<0.00201	U	0.100	0.09097		mg/Kg		91	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	115		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Lab Sample ID: 880-49051-1 MSD
Matrix: Solid
Analysis Batch: 91814

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 91893

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.08544		mg/Kg		85	70 - 130	3	35
Toluene	<0.00201	U	0.100	0.08856		mg/Kg		89	70 - 130	3	35
Ethylbenzene	<0.00201	U	0.100	0.08912		mg/Kg		89	70 - 130	2	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1815		mg/Kg		91	70 - 130	2	35
o-Xylene	<0.00201	U	0.100	0.08984		mg/Kg		90	70 - 130	1	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	113		70 - 130								
1,4-Difluorobenzene (Surr)	99		70 - 130								

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

Lab Sample ID: MB 880-91868/1-A
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 91868

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		09/26/24 21:23	09/27/24 20:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/27/24 20:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/24 21:23	09/27/24 20:15	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	130		70 - 130						
o-Terphenyl	148	S1+	70 - 130						

Lab Sample ID: LCS 880-91868/2-A
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91868

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	994.0		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	906.2		mg/Kg		91	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-91868/2-A
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91868

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: LCSD 880-91868/3-A
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91868

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	911.4		mg/Kg		91	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	918.7		mg/Kg		92	70 - 130	1	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	85		70 - 130

Lab Sample ID: 890-7169-A-1-B MS
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 91868

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	998	823.9		mg/Kg		79	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1027		mg/Kg		103	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	107		70 - 130

Lab Sample ID: 890-7169-A-1-C MSD
Matrix: Solid
Analysis Batch: 91875

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 91868

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	998	761.9		mg/Kg		73	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	969.6		mg/Kg		97	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	101		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-91892/1-A

Matrix: Solid

Analysis Batch: 91945

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/27/24 13:25	1

Lab Sample ID: LCS 880-91892/2-A

Matrix: Solid

Analysis Batch: 91945

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	245.6		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-91892/3-A

Matrix: Solid

Analysis Batch: 91945

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	246.0		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-49047-A-1-B MS

Matrix: Solid

Analysis Batch: 91945

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2620		1260	3950		mg/Kg		105	90 - 110

Lab Sample ID: 880-49047-A-1-C MSD

Matrix: Solid

Analysis Batch: 91945

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2620		1260	3954		mg/Kg		106	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 91814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49051-1	H-1 (0-0.5')	Total/NA	Solid	8021B	91893
880-49051-2	H-2 (0-0.5')	Total/NA	Solid	8021B	91893
880-49051-3	H-3 (0-0.5')	Total/NA	Solid	8021B	91893
880-49051-4	H-4 (0-0.5')	Total/NA	Solid	8021B	91893
880-49051-5	H-5 (0-0.5')	Total/NA	Solid	8021B	91893
880-49051-6	H-6 (0-0.5')	Total/NA	Solid	8021B	91893
880-49051-7	H-7 (0-0.5')	Total/NA	Solid	8021B	91893
MB 880-91893/5-A	Method Blank	Total/NA	Solid	8021B	91893
LCS 880-91893/1-A	Lab Control Sample	Total/NA	Solid	8021B	91893
LCSD 880-91893/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91893
880-49051-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	91893
880-49051-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	91893

Prep Batch: 91893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49051-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-49051-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-49051-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-49051-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-49051-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-49051-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-49051-7	H-7 (0-0.5')	Total/NA	Solid	5035	
MB 880-91893/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-91893/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-91893/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49051-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-49051-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 91990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49051-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-49051-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-49051-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-49051-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-49051-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-49051-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-49051-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 91868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49051-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-49051-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-49051-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-49051-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-49051-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-49051-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-49051-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-91868/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-91868/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 91868 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-91868/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7169-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7169-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 91875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49051-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	91868
880-49051-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	91868
880-49051-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	91868
880-49051-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	91868
880-49051-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	91868
880-49051-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	91868
880-49051-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	91868
MB 880-91868/1-A	Method Blank	Total/NA	Solid	8015B NM	91868
LCS 880-91868/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	91868
LCSD 880-91868/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	91868
890-7169-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	91868
890-7169-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	91868

Analysis Batch: 92103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49051-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-49051-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-49051-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-49051-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-49051-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-49051-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-49051-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 91892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49051-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-49051-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-49051-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-49051-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-49051-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-49051-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-49051-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-91892/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91892/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91892/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49047-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-49047-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 91945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49051-1	H-1 (0-0.5')	Soluble	Solid	300.0	91892
880-49051-2	H-2 (0-0.5')	Soluble	Solid	300.0	91892
880-49051-3	H-3 (0-0.5')	Soluble	Solid	300.0	91892

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QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 91945 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49051-4	H-4 (0-0.5')	Soluble	Solid	300.0	91892
880-49051-5	H-5 (0-0.5')	Soluble	Solid	300.0	91892
880-49051-6	H-6 (0-0.5')	Soluble	Solid	300.0	91892
880-49051-7	H-7 (0-0.5')	Soluble	Solid	300.0	91892
MB 880-91892/1-A	Method Blank	Soluble	Solid	300.0	91892
LCS 880-91892/2-A	Lab Control Sample	Soluble	Solid	300.0	91892
LCSD 880-91892/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91892
880-49047-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	91892
880-49047-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	91892

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

Client Sample ID: H-1 (0-0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49051-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	91893	09/27/24 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91814	09/27/24 11:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91990	09/27/24 11:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			92103	09/28/24 01:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/28/24 01:02	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	91892	09/27/24 09:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91945	09/27/24 14:18	CH	EET MID

Client Sample ID: H-2 (0-0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49051-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	91893	09/27/24 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91814	09/27/24 11:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91990	09/27/24 11:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			92103	09/28/24 01:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/28/24 01:43	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	91892	09/27/24 09:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91945	09/27/24 14:25	CH	EET MID

Client Sample ID: H-3 (0-0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49051-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	91893	09/27/24 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91814	09/27/24 12:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91990	09/27/24 12:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			92103	09/28/24 02:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/28/24 02:03	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	91892	09/27/24 09:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91945	09/27/24 14:45	CH	EET MID

Client Sample ID: H-4 (0-0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49051-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	91893	09/27/24 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91814	09/27/24 12:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91990	09/27/24 12:34	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

Client Sample ID: H-4 (0-0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49051-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			92103	09/28/24 02:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/28/24 02:24	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	91892	09/27/24 09:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91945	09/27/24 14:52	CH	EET MID

Client Sample ID: H-5 (0-0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49051-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	91893	09/27/24 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91814	09/27/24 12:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91990	09/27/24 12:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			92103	09/28/24 02:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/28/24 02:44	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	91892	09/27/24 09:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91945	09/27/24 14:58	CH	EET MID

Client Sample ID: H-6 (0-0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49051-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	91893	09/27/24 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91814	09/27/24 13:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91990	09/27/24 13:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			92103	09/28/24 03:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/28/24 03:04	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	91892	09/27/24 09:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91945	09/27/24 15:05	CH	EET MID

Client Sample ID: H-7 (0-0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49051-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	91893	09/27/24 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91814	09/27/24 13:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91990	09/27/24 13:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			92103	09/28/24 03:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	91868	09/26/24 21:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91875	09/28/24 03:25	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

Client Sample ID: H-7 (0-0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/26/24 16:28

Lab Sample ID: 880-49051-7
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			5.04 g	50 mL	91892	09/27/24 09:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91945	09/27/24 15:12	CH	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: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
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: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-49051-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-49051-1	H-1 (0-0.5')	Solid	09/18/24 00:00	09/26/24 16:28
880-49051-2	H-2 (0-0.5')	Solid	09/18/24 00:00	09/26/24 16:28
880-49051-3	H-3 (0-0.5')	Solid	09/18/24 00:00	09/26/24 16:28
880-49051-4	H-4 (0-0.5')	Solid	09/18/24 00:00	09/26/24 16:28
880-49051-5	H-5 (0-0.5')	Solid	09/18/24 00:00	09/26/24 16:28
880-49051-6	H-6 (0-0.5')	Solid	09/18/24 00:00	09/26/24 16:28
880-49051-7	H-7 (0-0.5')	Solid	09/18/24 00:00	09/26/24 16:28

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Chain of Custody



880-49051 Chain of Custody

Page 1 of 1

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

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

Project Name:		Call Roll 24 Fed Com 2H (5.6.24)		Turn Around		ANALYSIS REQUEST												Preservative Codes														
Project Number:		2373		☐ Routine ☒ Rush														None: NO DI Water: H ₂ O														
Project Location		Eddy County, New Mexico		Due Date:		72 HR														Cool: Cool MeOH: Me												
Sampler's Name:		JM																HCL: HC HNO ₃ : HN														
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na														
SAMPLE RECEIPT		Temp Blank:		☒ Yes ☒ No		Wet Ice:		☒ Yes ☒ No														H ₃ PO ₄ : HP										
Received Intact:		☒ Yes ☒ No		Thermometer ID:				328 10														NaHSO ₄ : NABIS										
Cooler Custody Seals:		☒ Yes ☒ No		Correction Factor:				-10														Na ₂ S ₂ O ₃ : NaSO ₃										
Sample Custody Seals:		☒ Yes ☒ No		Temperature Reading:				1.87														Zn Acetate+NaOH: Zn										
Total Containers:				Corrected Temperature:																		NaOH+Ascorbic Acid: SACP										
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments						
H-1 (0-0.5')		9/18/2024				X				G		1		X		X		X														
H-2 (0-0.5')		9/18/2024				X				G		1		X		X		X														
H-3 (0-0.5')		9/18/2024				X				G		1		X		X		X														
H-4 (0-0.5')		9/18/2024				X				G		1		X		X		X														
H-5 (0-0.5')		9/18/2024				X				G		1		X		X		X														
H-6 (0-0.5')		9/18/2024				X				G		1		X		X		X														
H-7 (0-0.5')		9/18/2024				X				G		1		X		X		X														

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	09/26/24 1428	<i>[Signature]</i>	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-49051-1

SDG Number: Eddy County, New Mexico

Login Number: 49051

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/4/2024 11:54:20 AM

JOB DESCRIPTION

Cali Roll 24 Fed Com 2H (8.24.24)
Eddy County, New Mexico

JOB NUMBER

880-50531-1

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
11/4/2024 11:54:20 AM

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

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Laboratory Job ID: 880-50531-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1

Job ID: 880-50531-1**Eurofins Midland**

Job Narrative
880-50531-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 10/31/2024 3:44 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 0.9°C.

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-94586 and 880-94622 and analytical batch 880-94577 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-94584 and analytical batch 880-94581 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-94586 and 880-94622 and analytical batch 880-94577 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.

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-94550 and analytical batch 880-94553 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-9 (3') (880-50531-9), CS-10 (3') (880-50531-10) and CS-11 (3') (880-50531-11). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-94551/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-94551/2-A) and (LCSD 880-94551/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-94555 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-94575 and analytical batch 880-94583 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.

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Case Narrative

Client: Carmona Resources
Project: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1

Job ID: 880-50531-1 (Continued)

Eurofins Midland

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-94624 and analytical batch 880-94629 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 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-94576 and analytical batch 880-94587 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (3')

Lab Sample ID: 880-50531-1

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:15	11/01/24 14:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:15	11/01/24 14:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:15	11/01/24 14:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/01/24 09:15	11/01/24 14:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:15	11/01/24 14:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/01/24 09:15	11/01/24 14:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	11/01/24 09:15	11/01/24 14:07	1
1,4-Difluorobenzene (Surr)	94		70 - 130	11/01/24 09:15	11/01/24 14:07	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			11/01/24 14:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			11/01/24 14:35	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	<50.3	U	50.3		mg/Kg		10/31/24 16:48	11/01/24 14:35	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/31/24 16:48	11/01/24 14:35	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/31/24 16:48	11/01/24 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	10/31/24 16:48	11/01/24 14:35	1
o-Terphenyl	75		70 - 130	10/31/24 16:48	11/01/24 14:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			11/01/24 10:55	1

Client Sample ID: CS-2 (3')

Lab Sample ID: 880-50531-2

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:15	11/01/24 14:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 14:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 14:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/01/24 09:15	11/01/24 14:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 14:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/01/24 09:15	11/01/24 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	11/01/24 09:15	11/01/24 14:28	1
1,4-Difluorobenzene (Surr)	94		70 - 130	11/01/24 09:15	11/01/24 14:28	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-2 (3')

Lab Sample ID: 880-50531-2

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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			11/01/24 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			11/01/24 16:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		10/31/24 16:48	11/01/24 16:47	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		10/31/24 16:48	11/01/24 16:47	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/31/24 16:48	11/01/24 16:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				10/31/24 16:48	11/01/24 16:47	1
o-Terphenyl	78		70 - 130				10/31/24 16:48	11/01/24 16:47	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			11/01/24 10:59	1

Client Sample ID: CS-3 (3')

Lab Sample ID: 880-50531-3

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:15	11/01/24 14:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 14:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 14:48	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/01/24 09:15	11/01/24 14:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 14:48	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/01/24 09:15	11/01/24 14:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				11/01/24 09:15	11/01/24 14:48	1
1,4-Difluorobenzene (Surr)	93		70 - 130				11/01/24 09:15	11/01/24 14:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/01/24 14:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/01/24 17:03	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		10/31/24 16:48	11/01/24 17:03	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/31/24 16:48	11/01/24 17:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-3 (3')

Lab Sample ID: 880-50531-3

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		10/31/24 16:48	11/01/24 17:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				10/31/24 16:48	11/01/24 17:03	1
o-Terphenyl	78		70 - 130				10/31/24 16:48	11/01/24 17:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U F1	9.96		mg/Kg			11/01/24 11:04	1

Client Sample ID: CS-4 (3')

Lab Sample ID: 880-50531-4

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:15	11/01/24 15:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:15	11/01/24 15:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:15	11/01/24 15:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/01/24 09:15	11/01/24 15:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:15	11/01/24 15:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/01/24 09:15	11/01/24 15:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				11/01/24 09:15	11/01/24 15:09	1
1,4-Difluorobenzene (Surr)	94		70 - 130				11/01/24 09:15	11/01/24 15:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/01/24 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/01/24 17:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/31/24 16:48	11/01/24 17:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/31/24 16:48	11/01/24 17:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/31/24 16:48	11/01/24 17:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				10/31/24 16:48	11/01/24 17:20	1
o-Terphenyl	78		70 - 130				10/31/24 16:48	11/01/24 17:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			11/01/24 11:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-5 (3')

Lab Sample ID: 880-50531-5

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:15	11/01/24 15:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 15:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 15:28	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/01/24 09:15	11/01/24 15:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 15:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/01/24 09:15	11/01/24 15:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	11/01/24 09:15	11/01/24 15:28	1
1,4-Difluorobenzene (Surr)	89		70 - 130	11/01/24 09:15	11/01/24 15:28	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			11/01/24 15:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/01/24 17:36	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	<49.8	U	49.8		mg/Kg		10/31/24 16:48	11/01/24 17:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/31/24 16:48	11/01/24 17:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/31/24 16:48	11/01/24 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	10/31/24 16:48	11/01/24 17:36	1
o-Terphenyl	74		70 - 130	10/31/24 16:48	11/01/24 17:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			11/01/24 11:23	1

Client Sample ID: CS-6 (3')

Lab Sample ID: 880-50531-6

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:15	11/01/24 16:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/01/24 09:15	11/01/24 16:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/01/24 09:15	11/01/24 16:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/01/24 09:15	11/01/24 16:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/01/24 09:15	11/01/24 16:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/01/24 09:15	11/01/24 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	11/01/24 09:15	11/01/24 16:52	1
1,4-Difluorobenzene (Surr)	97		70 - 130	11/01/24 09:15	11/01/24 16:52	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-6 (3')

Lab Sample ID: 880-50531-6

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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			11/01/24 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/01/24 17:52	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	<49.8	U	49.8		mg/Kg		10/31/24 16:48	11/01/24 17:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/31/24 16:48	11/01/24 17:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/31/24 16:48	11/01/24 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				10/31/24 16:48	11/01/24 17:52	1
o-Terphenyl	75		70 - 130				10/31/24 16:48	11/01/24 17:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			11/01/24 11:38	1

Client Sample ID: CS-7 (3')

Lab Sample ID: 880-50531-7

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:15	11/01/24 17:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 17:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 17:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 09:15	11/01/24 17:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 17:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 09:15	11/01/24 17:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				11/01/24 09:15	11/01/24 17:13	1
1,4-Difluorobenzene (Surr)	95		70 - 130				11/01/24 09:15	11/01/24 17:13	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			11/01/24 17:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			11/01/24 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/31/24 16:48	11/01/24 18:08	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/31/24 16:48	11/01/24 18:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-7 (3')

Lab Sample ID: 880-50531-7

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/31/24 16:48	11/01/24 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				10/31/24 16:48	11/01/24 18:08	1
o-Terphenyl	72		70 - 130				10/31/24 16:48	11/01/24 18:08	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			11/01/24 11:43	1

Client Sample ID: CS-8 (3')

Lab Sample ID: 880-50531-8

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:15	11/01/24 17:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/01/24 09:15	11/01/24 17:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/01/24 09:15	11/01/24 17:33	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/01/24 09:15	11/01/24 17:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/01/24 09:15	11/01/24 17:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/01/24 09:15	11/01/24 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				11/01/24 09:15	11/01/24 17:33	1
1,4-Difluorobenzene (Surr)	95		70 - 130				11/01/24 09:15	11/01/24 17:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/01/24 17:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			11/01/24 18:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		10/31/24 16:48	11/01/24 18:26	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/31/24 16:48	11/01/24 18:26	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/31/24 16:48	11/01/24 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				10/31/24 16:48	11/01/24 18:26	1
o-Terphenyl	74		70 - 130				10/31/24 16:48	11/01/24 18:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			11/01/24 11:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-9 (3')

Lab Sample ID: 880-50531-9

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:15	11/01/24 17:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 17:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 17:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/01/24 09:15	11/01/24 17:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 17:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/01/24 09:15	11/01/24 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	11/01/24 09:15	11/01/24 17:53	1
1,4-Difluorobenzene (Surr)	94		70 - 130	11/01/24 09:15	11/01/24 17:53	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			11/01/24 17:53	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			11/01/24 18:42	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		10/31/24 16:48	11/01/24 18:42	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/31/24 16:48	11/01/24 18:42	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/31/24 16:48	11/01/24 18:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	10/31/24 16:48	11/01/24 18:42	1
o-Terphenyl	69	S1-	70 - 130	10/31/24 16:48	11/01/24 18:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			11/01/24 11:52	1

Client Sample ID: CS-10 (3')

Lab Sample ID: 880-50531-10

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:15	11/01/24 18:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 18:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 18:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 09:15	11/01/24 18:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 18:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 09:15	11/01/24 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	11/01/24 09:15	11/01/24 18:14	1
1,4-Difluorobenzene (Surr)	97		70 - 130	11/01/24 09:15	11/01/24 18:14	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-10 (3')

Lab Sample ID: 880-50531-10

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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			11/01/24 18:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			11/01/24 18:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		10/31/24 16:48	11/01/24 18:58	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		10/31/24 16:48	11/01/24 18:58	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		10/31/24 16:48	11/01/24 18:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				10/31/24 16:48	11/01/24 18:58	1
o-Terphenyl	69	S1-	70 - 130				10/31/24 16:48	11/01/24 18:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			11/01/24 11:57	1

Client Sample ID: CS-11 (3')

Lab Sample ID: 880-50531-11

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:15	11/01/24 18:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:15	11/01/24 18:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:15	11/01/24 18:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/01/24 09:15	11/01/24 18:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:15	11/01/24 18:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/01/24 09:15	11/01/24 18:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				11/01/24 09:15	11/01/24 18:34	1
1,4-Difluorobenzene (Surr)	93		70 - 130				11/01/24 09:15	11/01/24 18:34	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			11/01/24 18:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			11/01/24 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/31/24 16:48	11/01/24 19:31	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/31/24 16:48	11/01/24 19:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (3')

Lab Sample ID: 880-50531-11

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		10/31/24 16:48	11/01/24 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				10/31/24 16:48	11/01/24 19:31	1
o-Terphenyl	68	S1-	70 - 130				10/31/24 16:48	11/01/24 19:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			11/01/24 12:02	1

Client Sample ID: CS-12 (2')

Lab Sample ID: 880-50531-12

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:43	11/01/24 18:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:43	11/01/24 18:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:43	11/01/24 18:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 09:43	11/01/24 18:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:43	11/01/24 18:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 09:43	11/01/24 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				11/01/24 09:43	11/01/24 18:27	1
1,4-Difluorobenzene (Surr)	110		70 - 130				11/01/24 09:43	11/01/24 18:27	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			11/01/24 18:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/01/24 19:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/31/24 16:48	11/01/24 19:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/31/24 16:48	11/01/24 19:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/31/24 16:48	11/01/24 19:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				10/31/24 16:48	11/01/24 19:47	1
o-Terphenyl	77		70 - 130				10/31/24 16:48	11/01/24 19:47	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			11/01/24 18:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-13 (2')

Lab Sample ID: 880-50531-13

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:42	11/01/24 18:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/01/24 09:42	11/01/24 18:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/01/24 09:42	11/01/24 18:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/01/24 09:42	11/01/24 18:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/01/24 09:42	11/01/24 18:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/01/24 09:42	11/01/24 18:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	11/01/24 09:42	11/01/24 18:47	1
1,4-Difluorobenzene (Surr)	107		70 - 130	11/01/24 09:42	11/01/24 18:47	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			11/01/24 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	<50.3	U	50.3		mg/Kg			11/01/24 20:04	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	<50.3	U	50.3		mg/Kg		10/31/24 16:48	11/01/24 20:04	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/31/24 16:48	11/01/24 20:04	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/31/24 16:48	11/01/24 20:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	10/31/24 16:48	11/01/24 20:04	1
o-Terphenyl	78		70 - 130	10/31/24 16:48	11/01/24 20:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			11/01/24 18:59	1

Client Sample ID: CS-14 (2')

Lab Sample ID: 880-50531-14

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:42	11/01/24 19:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:42	11/01/24 19:08	1
Ethylbenzene	0.00239		0.00200		mg/Kg		11/01/24 09:42	11/01/24 19:08	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/01/24 09:42	11/01/24 19:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:42	11/01/24 19:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/01/24 09:42	11/01/24 19:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	11/01/24 09:42	11/01/24 19:08	1
1,4-Difluorobenzene (Surr)	100		70 - 130	11/01/24 09:42	11/01/24 19:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-14 (2')

Lab Sample ID: 880-50531-14

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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			11/01/24 19:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			11/01/24 20:21	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	<50.1	U	50.1		mg/Kg		10/31/24 16:48	11/01/24 20:21	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/31/24 16:48	11/01/24 20:21	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/31/24 16:48	11/01/24 20:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				10/31/24 16:48	11/01/24 20:21	1
o-Terphenyl	82		70 - 130				10/31/24 16:48	11/01/24 20:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			11/01/24 19:04	1

Client Sample ID: CS-15 (2')

Lab Sample ID: 880-50531-15

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:42	11/01/24 19:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:42	11/01/24 19:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:42	11/01/24 19:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 09:42	11/01/24 19:28	1
o-Xylene	0.00257		0.00200		mg/Kg		11/01/24 09:42	11/01/24 19:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 09:42	11/01/24 19:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				11/01/24 09:42	11/01/24 19:28	1
1,4-Difluorobenzene (Surr)	105		70 - 130				11/01/24 09:42	11/01/24 19:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			11/01/24 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	<50.2	U	50.2		mg/Kg			11/01/24 20:38	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	<50.2	U	50.2		mg/Kg		10/31/24 16:48	11/01/24 20:38	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/31/24 16:48	11/01/24 20:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-15 (2')

Lab Sample ID: 880-50531-15

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		10/31/24 16:48	11/01/24 20:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				10/31/24 16:48	11/01/24 20:38	1
o-Terphenyl	83		70 - 130				10/31/24 16:48	11/01/24 20:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			11/01/24 19:09	1

Client Sample ID: CS-16 (2')

Lab Sample ID: 880-50531-16

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:42	11/01/24 19:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:42	11/01/24 19:48	1
Ethylbenzene	0.00328		0.00199		mg/Kg		11/01/24 09:42	11/01/24 19:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/01/24 09:42	11/01/24 19:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:42	11/01/24 19:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/01/24 09:42	11/01/24 19:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				11/01/24 09:42	11/01/24 19:48	1
1,4-Difluorobenzene (Surr)	122		70 - 130				11/01/24 09:42	11/01/24 19:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/01/24 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	<49.9	U	49.9		mg/Kg			11/01/24 20:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/31/24 16:48	11/01/24 20:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/31/24 16:48	11/01/24 20:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/31/24 16:48	11/01/24 20:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/31/24 16:48	11/01/24 20:54	1
o-Terphenyl	79		70 - 130				10/31/24 16:48	11/01/24 20:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			11/01/24 19:14	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-17 (2')

Lab Sample ID: 880-50531-17

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:42	11/01/24 20:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:42	11/01/24 20:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:42	11/01/24 20:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/01/24 09:42	11/01/24 20:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:42	11/01/24 20:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/01/24 09:42	11/01/24 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	11/01/24 09:42	11/01/24 20:09	1
1,4-Difluorobenzene (Surr)	111		70 - 130	11/01/24 09:42	11/01/24 20:09	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			11/01/24 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	<49.8	U	49.8		mg/Kg			11/01/24 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	<49.8	U	49.8		mg/Kg		10/31/24 16:48	11/01/24 21:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/31/24 16:48	11/01/24 21:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/31/24 16:48	11/01/24 21:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	10/31/24 16:48	11/01/24 21:10	1
o-Terphenyl	80		70 - 130	10/31/24 16:48	11/01/24 21:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			11/01/24 19:29	1

Client Sample ID: CS-18 (2')

Lab Sample ID: 880-50531-18

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00204	U	0.00204		mg/Kg		11/01/24 11:50	11/02/24 01:09	1
Toluene	<0.00204	U	0.00204		mg/Kg		11/01/24 11:50	11/02/24 01:09	1
Ethylbenzene	<0.00204	U	0.00204		mg/Kg		11/01/24 11:50	11/02/24 01:09	1
m-Xylene & p-Xylene	<0.00407	U	0.00407		mg/Kg		11/01/24 11:50	11/02/24 01:09	1
o-Xylene	<0.00204	U	0.00204		mg/Kg		11/01/24 11:50	11/02/24 01:09	1
Xylenes, Total	<0.00407	U	0.00407		mg/Kg		11/01/24 11:50	11/02/24 01:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	11/01/24 11:50	11/02/24 01:09	1
1,4-Difluorobenzene (Surr)	118		70 - 130	11/01/24 11:50	11/02/24 01:09	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-18 (2')

Lab Sample ID: 880-50531-18

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00407	U	0.00407		mg/Kg			11/02/24 01:09	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			11/01/24 21:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/31/24 16:48	11/01/24 21:27	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/31/24 16:48	11/01/24 21:27	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/31/24 16:48	11/01/24 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				10/31/24 16:48	11/01/24 21:27	1
o-Terphenyl	72		70 - 130				10/31/24 16:48	11/01/24 21:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			11/01/24 19:35	1

Client Sample ID: CS-19 (2')

Lab Sample ID: 880-50531-19

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 11:50	11/02/24 01:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/01/24 11:50	11/02/24 01:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/01/24 11:50	11/02/24 01:30	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/01/24 11:50	11/02/24 01:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/01/24 11:50	11/02/24 01:30	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/01/24 11:50	11/02/24 01:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				11/01/24 11:50	11/02/24 01:30	1
1,4-Difluorobenzene (Surr)	112		70 - 130				11/01/24 11:50	11/02/24 01:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/02/24 01:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/01/24 21:43	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		10/31/24 16:48	11/01/24 21:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/31/24 16:48	11/01/24 21:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-19 (2')

Lab Sample ID: 880-50531-19

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/31/24 16:48	11/01/24 21:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				10/31/24 16:48	11/01/24 21:43	1
o-Terphenyl	71		70 - 130				10/31/24 16:48	11/01/24 21:43	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			11/01/24 19:40	1

Client Sample ID: CS-20 (2')

Lab Sample ID: 880-50531-20

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 11:50	11/02/24 01:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:50	11/02/24 01:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:50	11/02/24 01:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/01/24 11:50	11/02/24 01:50	1
o-Xylene	0.00555		0.00199		mg/Kg		11/01/24 11:50	11/02/24 01:50	1
Xylenes, Total	0.00555		0.00398		mg/Kg		11/01/24 11:50	11/02/24 01:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				11/01/24 11:50	11/02/24 01:50	1
1,4-Difluorobenzene (Surr)	107		70 - 130				11/01/24 11:50	11/02/24 01:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00555		0.00398		mg/Kg			11/02/24 01:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			11/01/24 22:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		10/31/24 16:48	11/01/24 22:00	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/31/24 16:48	11/01/24 22:00	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/31/24 16:48	11/01/24 22:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				10/31/24 16:48	11/01/24 22:00	1
o-Terphenyl	75		70 - 130				10/31/24 16:48	11/01/24 22:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.0		9.96		mg/Kg			11/01/24 19:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-21 (2')

Lab Sample ID: 880-50531-21

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 11:15	11/02/24 05:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:15	11/02/24 05:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:15	11/02/24 05:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/01/24 11:15	11/02/24 05:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:15	11/02/24 05:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/01/24 11:15	11/02/24 05:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	11/01/24 11:15	11/02/24 05:51	1
1,4-Difluorobenzene (Surr)	98		70 - 130	11/01/24 11:15	11/02/24 05:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/02/24 05:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/01/24 14:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/31/24 16:51	11/01/24 14:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/31/24 16:51	11/01/24 14:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/31/24 16:51	11/01/24 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	10/31/24 16:51	11/01/24 14:35	1
o-Terphenyl	97		70 - 130	10/31/24 16:51	11/01/24 14:35	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			11/01/24 19:50	1

Client Sample ID: CS-22 (2')

Lab Sample ID: 880-50531-22

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 11:15	11/02/24 06:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:15	11/02/24 06:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:15	11/02/24 06:12	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/01/24 11:15	11/02/24 06:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:15	11/02/24 06:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/01/24 11:15	11/02/24 06:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	11/01/24 11:15	11/02/24 06:12	1
1,4-Difluorobenzene (Surr)	96		70 - 130	11/01/24 11:15	11/02/24 06:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-22 (2')

Lab Sample ID: 880-50531-22

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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			11/02/24 06:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			11/01/24 16:47	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		10/31/24 16:51	11/01/24 16:47	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/31/24 16:51	11/01/24 16:47	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/31/24 16:51	11/01/24 16:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				10/31/24 16:51	11/01/24 16:47	1
o-Terphenyl	97		70 - 130				10/31/24 16:51	11/01/24 16:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U F1	10.1		mg/Kg			11/01/24 19:55	1

Client Sample ID: CS-23 (2')

Lab Sample ID: 880-50531-23

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:15	11/01/24 18:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 18:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 18:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/01/24 09:15	11/01/24 18:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 18:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/01/24 09:15	11/01/24 18:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				11/01/24 09:15	11/01/24 18:55	1
1,4-Difluorobenzene (Surr)	95		70 - 130				11/01/24 09:15	11/01/24 18:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/01/24 18:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			11/01/24 17:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		10/31/24 16:51	11/01/24 17:03	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		10/31/24 16:51	11/01/24 17:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-23 (2')

Lab Sample ID: 880-50531-23

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		10/31/24 16:51	11/01/24 17:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				10/31/24 16:51	11/01/24 17:03	1
o-Terphenyl	101		70 - 130				10/31/24 16:51	11/01/24 17:03	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			11/01/24 16:54	1

Client Sample ID: CS-24 (2')

Lab Sample ID: 880-50531-24

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:15	11/01/24 19:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:15	11/01/24 19:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:15	11/01/24 19:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/01/24 09:15	11/01/24 19:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:15	11/01/24 19:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/01/24 09:15	11/01/24 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				11/01/24 09:15	11/01/24 19:15	1
1,4-Difluorobenzene (Surr)	96		70 - 130				11/01/24 09:15	11/01/24 19:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/01/24 19:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/01/24 17:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/31/24 16:51	11/01/24 17:20	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/31/24 16:51	11/01/24 17:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/31/24 16:51	11/01/24 17:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				10/31/24 16:51	11/01/24 17:20	1
o-Terphenyl	106		70 - 130				10/31/24 16:51	11/01/24 17:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.3		10.1		mg/Kg			11/01/24 17:00	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-25 (2')

Lab Sample ID: 880-50531-25

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:15	11/01/24 19:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 19:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 19:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/01/24 09:15	11/01/24 19:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 19:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/01/24 09:15	11/01/24 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	11/01/24 09:15	11/01/24 19:36	1
1,4-Difluorobenzene (Surr)	95		70 - 130	11/01/24 09:15	11/01/24 19:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/01/24 19:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/01/24 17:36	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	<49.9	U	49.9		mg/Kg		10/31/24 16:51	11/01/24 17:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/31/24 16:51	11/01/24 17:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/31/24 16:51	11/01/24 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	10/31/24 16:51	11/01/24 17:36	1
o-Terphenyl	100		70 - 130	10/31/24 16:51	11/01/24 17:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U F1	10.1		mg/Kg			11/01/24 17:07	1

Client Sample ID: CS-26 (1')

Lab Sample ID: 880-50531-26

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:25	11/01/24 12:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 12:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 12:12	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/01/24 09:25	11/01/24 12:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 12:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/01/24 09:25	11/01/24 12:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	11/01/24 09:25	11/01/24 12:12	1
1,4-Difluorobenzene (Surr)	88		70 - 130	11/01/24 09:25	11/01/24 12:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-26 (1')

Lab Sample ID: 880-50531-26

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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			11/01/24 12:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/01/24 17:52	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	<49.7	U	49.7		mg/Kg		10/31/24 16:51	11/01/24 17:52	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/31/24 16:51	11/01/24 17:52	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/31/24 16:51	11/01/24 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				10/31/24 16:51	11/01/24 17:52	1
o-Terphenyl	101		70 - 130				10/31/24 16:51	11/01/24 17:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			11/01/24 17:28	1

Client Sample ID: CS-27 (1')

Lab Sample ID: 880-50531-27

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:25	11/01/24 12:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:25	11/01/24 12:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:25	11/01/24 12:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/01/24 09:25	11/01/24 12:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:25	11/01/24 12:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/01/24 09:25	11/01/24 12:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				11/01/24 09:25	11/01/24 12:32	1
1,4-Difluorobenzene (Surr)	90		70 - 130				11/01/24 09:25	11/01/24 12:32	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			11/01/24 12:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			11/01/24 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/31/24 16:51	11/01/24 18:08	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/31/24 16:51	11/01/24 18:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-27 (1')

Lab Sample ID: 880-50531-27

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/31/24 16:51	11/01/24 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				10/31/24 16:51	11/01/24 18:08	1
o-Terphenyl	105		70 - 130				10/31/24 16:51	11/01/24 18:08	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			11/01/24 17:35	1

Client Sample ID: CS-28 (1')

Lab Sample ID: 880-50531-28

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:25	11/01/24 12:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:25	11/01/24 12:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:25	11/01/24 12:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/01/24 09:25	11/01/24 12:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:25	11/01/24 12:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/01/24 09:25	11/01/24 12:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				11/01/24 09:25	11/01/24 12:53	1
1,4-Difluorobenzene (Surr)	89		70 - 130				11/01/24 09:25	11/01/24 12:53	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			11/01/24 12:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			11/01/24 18:26	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	<49.5	U	49.5		mg/Kg		10/31/24 16:51	11/01/24 18:26	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		10/31/24 16:51	11/01/24 18:26	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		10/31/24 16:51	11/01/24 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				10/31/24 16:51	11/01/24 18:26	1
o-Terphenyl	97		70 - 130				10/31/24 16:51	11/01/24 18:26	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			11/01/24 17:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-1 (3')

Lab Sample ID: 880-50531-29

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:25	11/01/24 13:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 13:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 13:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/01/24 09:25	11/01/24 13:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 13:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/01/24 09:25	11/01/24 13:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				11/01/24 09:25	11/01/24 13:13	1
1,4-Difluorobenzene (Surr)	90		70 - 130				11/01/24 09:25	11/01/24 13:13	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			11/01/24 13:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/01/24 18:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/31/24 16:51	11/01/24 18:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/31/24 16:51	11/01/24 18:42	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/31/24 16:51	11/01/24 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				10/31/24 16:51	11/01/24 18:42	1
o-Terphenyl	101		70 - 130				10/31/24 16:51	11/01/24 18:42	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			11/01/24 18:02	1

Client Sample ID: SW-2 (3')

Lab Sample ID: 880-50531-30

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00204	U	0.00204		mg/Kg		11/01/24 09:25	11/01/24 13:34	1
Toluene	<0.00204	U	0.00204		mg/Kg		11/01/24 09:25	11/01/24 13:34	1
Ethylbenzene	<0.00204	U	0.00204		mg/Kg		11/01/24 09:25	11/01/24 13:34	1
m-Xylene & p-Xylene	<0.00407	U	0.00407		mg/Kg		11/01/24 09:25	11/01/24 13:34	1
o-Xylene	<0.00204	U	0.00204		mg/Kg		11/01/24 09:25	11/01/24 13:34	1
Xylenes, Total	<0.00407	U	0.00407		mg/Kg		11/01/24 09:25	11/01/24 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				11/01/24 09:25	11/01/24 13:34	1
1,4-Difluorobenzene (Surr)	90		70 - 130				11/01/24 09:25	11/01/24 13:34	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-2 (3')

Lab Sample ID: 880-50531-30

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00407	U	0.00407		mg/Kg			11/01/24 13:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			11/01/24 18:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/31/24 16:51	11/01/24 18:58	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/31/24 16:51	11/01/24 18:58	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/31/24 16:51	11/01/24 18:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				10/31/24 16:51	11/01/24 18:58	1
o-Terphenyl	99		70 - 130				10/31/24 16:51	11/01/24 18:58	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			11/01/24 18:09	1

Client Sample ID: SW-3 (3')

Lab Sample ID: 880-50531-31

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:25	11/01/24 13:54	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/01/24 09:25	11/01/24 13:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/01/24 09:25	11/01/24 13:54	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/01/24 09:25	11/01/24 13:54	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/01/24 09:25	11/01/24 13:54	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/01/24 09:25	11/01/24 13:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				11/01/24 09:25	11/01/24 13:54	1
1,4-Difluorobenzene (Surr)	89		70 - 130				11/01/24 09:25	11/01/24 13:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/01/24 13:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			11/01/24 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		10/31/24 16:51	11/01/24 19:31	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		10/31/24 16:51	11/01/24 19:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-3 (3')

Lab Sample ID: 880-50531-31

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		10/31/24 16:51	11/01/24 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				10/31/24 16:51	11/01/24 19:31	1
o-Terphenyl	99		70 - 130				10/31/24 16:51	11/01/24 19:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			11/01/24 12:07	1

Client Sample ID: SW-4 (1')

Lab Sample ID: 880-50531-32

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:25	11/01/24 14:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:25	11/01/24 14:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:25	11/01/24 14:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/01/24 09:25	11/01/24 14:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:25	11/01/24 14:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/01/24 09:25	11/01/24 14:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				11/01/24 09:25	11/01/24 14:15	1
1,4-Difluorobenzene (Surr)	92		70 - 130				11/01/24 09:25	11/01/24 14:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/01/24 14:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			11/01/24 19:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		10/31/24 16:51	11/01/24 19:47	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		10/31/24 16:51	11/01/24 19:47	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/31/24 16:51	11/01/24 19:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				10/31/24 16:51	11/01/24 19:47	1
o-Terphenyl	100		70 - 130				10/31/24 16:51	11/01/24 19:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U F1	9.92		mg/Kg			11/01/24 15:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-5 (1')

Lab Sample ID: 880-50531-33

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:25	11/01/24 14:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 14:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 14:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/01/24 09:25	11/01/24 14:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 14:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/01/24 09:25	11/01/24 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	11/01/24 09:25	11/01/24 14:36	1
1,4-Difluorobenzene (Surr)	92		70 - 130	11/01/24 09:25	11/01/24 14:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/01/24 14:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/01/24 20:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/31/24 16:51	11/01/24 20:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/31/24 16:51	11/01/24 20:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/31/24 16:51	11/01/24 20:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	10/31/24 16:51	11/01/24 20:04	1
o-Terphenyl	107		70 - 130	10/31/24 16:51	11/01/24 20:04	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			11/01/24 15:38	1

Client Sample ID: SW-6 (1')

Lab Sample ID: 880-50531-34

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:25	11/01/24 14:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 14:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 14:56	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/01/24 09:25	11/01/24 14:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 14:56	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/01/24 09:25	11/01/24 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	11/01/24 09:25	11/01/24 14:56	1
1,4-Difluorobenzene (Surr)	92		70 - 130	11/01/24 09:25	11/01/24 14:56	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-6 (1')

Lab Sample ID: 880-50531-34

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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			11/01/24 14:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/01/24 20:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/31/24 16:51	11/01/24 20:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/31/24 16:51	11/01/24 20:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/31/24 16:51	11/01/24 20:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				10/31/24 16:51	11/01/24 20:21	1
o-Terphenyl	97		70 - 130				10/31/24 16:51	11/01/24 20:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			11/01/24 15:45	1

Client Sample ID: SW-7 (2')

Lab Sample ID: 880-50531-35

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:25	11/01/24 15:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:25	11/01/24 15:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:25	11/01/24 15:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/01/24 09:25	11/01/24 15:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/01/24 09:25	11/01/24 15:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/01/24 09:25	11/01/24 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				11/01/24 09:25	11/01/24 15:17	1
1,4-Difluorobenzene (Surr)	91		70 - 130				11/01/24 09:25	11/01/24 15:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/01/24 15:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/01/24 20:38	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		10/31/24 16:51	11/01/24 20:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/31/24 16:51	11/01/24 20:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-7 (2')

Lab Sample ID: 880-50531-35

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/31/24 16:51	11/01/24 20:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				10/31/24 16:51	11/01/24 20:38	1
o-Terphenyl	114		70 - 130				10/31/24 16:51	11/01/24 20:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			11/01/24 15:52	1

Client Sample ID: SW-8 (2')

Lab Sample ID: 880-50531-36

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:25	11/01/24 16:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 16:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 16:41	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/01/24 09:25	11/01/24 16:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 16:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/01/24 09:25	11/01/24 16:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				11/01/24 09:25	11/01/24 16:41	1
1,4-Difluorobenzene (Surr)	91		70 - 130				11/01/24 09:25	11/01/24 16:41	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			11/01/24 16:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/01/24 20:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/31/24 16:51	11/01/24 20:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/31/24 16:51	11/01/24 20:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/31/24 16:51	11/01/24 20:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				10/31/24 16:51	11/01/24 20:54	1
o-Terphenyl	98		70 - 130				10/31/24 16:51	11/01/24 20:54	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			11/01/24 16:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-9 (2')

Lab Sample ID: 880-50531-37

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:25	11/01/24 17:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/01/24 09:25	11/01/24 17:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/01/24 09:25	11/01/24 17:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/01/24 09:25	11/01/24 17:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/01/24 09:25	11/01/24 17:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/01/24 09:25	11/01/24 17:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	11/01/24 09:25	11/01/24 17:02	1
1,4-Difluorobenzene (Surr)	92		70 - 130	11/01/24 09:25	11/01/24 17:02	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			11/01/24 17:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/01/24 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		10/31/24 16:51	11/01/24 21:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/31/24 16:51	11/01/24 21:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/31/24 16:51	11/01/24 21:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	10/31/24 16:51	11/01/24 21:10	1
o-Terphenyl	90		70 - 130	10/31/24 16:51	11/01/24 21:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			11/01/24 16:33	1

Client Sample ID: SW-10 (1')

Lab Sample ID: 880-50531-38

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:25	11/01/24 17:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 17:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 17:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 09:25	11/01/24 17:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 17:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 09:25	11/01/24 17:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	11/01/24 09:25	11/01/24 17:22	1
1,4-Difluorobenzene (Surr)	91		70 - 130	11/01/24 09:25	11/01/24 17:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-10 (1')

Lab Sample ID: 880-50531-38

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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			11/01/24 17:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/01/24 21:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/31/24 16:51	11/01/24 21:27	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/31/24 16:51	11/01/24 21:27	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/31/24 16:51	11/01/24 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				10/31/24 16:51	11/01/24 21:27	1
o-Terphenyl	104		70 - 130				10/31/24 16:51	11/01/24 21:27	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			11/01/24 16:40	1

Client Sample ID: SW-11 (2')

Lab Sample ID: 880-50531-39

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:25	11/01/24 17:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/01/24 09:25	11/01/24 17:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/01/24 09:25	11/01/24 17:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/01/24 09:25	11/01/24 17:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/01/24 09:25	11/01/24 17:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/01/24 09:25	11/01/24 17:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				11/01/24 09:25	11/01/24 17:43	1
1,4-Difluorobenzene (Surr)	90		70 - 130				11/01/24 09:25	11/01/24 17:43	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			11/01/24 17:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/01/24 21:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/31/24 16:51	11/01/24 21:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/31/24 16:51	11/01/24 21:43	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-11 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-39
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/31/24 16:51	11/01/24 21:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/31/24 16:51	11/01/24 21:43	1
o-Terphenyl	93		70 - 130				10/31/24 16:51	11/01/24 21:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.1		9.90		mg/Kg			11/01/24 16:47	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-50528-A-1-B MS	Matrix Spike	115	97
880-50528-A-1-C MSD	Matrix Spike Duplicate	112	102
880-50531-1	CS-1 (3')	122	94
880-50531-2	CS-2 (3')	115	94
880-50531-3	CS-3 (3')	127	93
880-50531-4	CS-4 (3')	121	94
880-50531-5	CS-5 (3')	108	89
880-50531-6	CS-6 (3')	118	97
880-50531-7	CS-7 (3')	116	95
880-50531-8	CS-8 (3')	116	95
880-50531-9	CS-9 (3')	122	94
880-50531-10	CS-10 (3')	117	97
880-50531-11	CS-11 (3')	126	93
880-50531-12	CS-12 (2')	123	110
880-50531-13	CS-13 (2')	113	107
880-50531-14	CS-14 (2')	109	100
880-50531-15	CS-15 (2')	107	105
880-50531-16	CS-16 (2')	126	122
880-50531-17	CS-17 (2')	115	111
880-50531-18	CS-18 (2')	128	118
880-50531-19	CS-19 (2')	98	112
880-50531-20	CS-20 (2')	115	107
880-50531-21	CS-21 (2')	122	98
880-50531-22	CS-22 (2')	121	96
880-50531-23	CS-23 (2')	121	95
880-50531-24	CS-24 (2')	112	96
880-50531-25	CS-25 (2')	120	95
880-50531-26	CS-26 (1')	97	88
880-50531-26 MS	CS-26 (1')	102	102
880-50531-26 MSD	CS-26 (1')	97	97
880-50531-27	CS-27 (1')	98	90
880-50531-28	CS-28 (1')	93	89
880-50531-29	SW-1 (3')	97	90
880-50531-30	SW-2 (3')	94	90
880-50531-31	SW-3 (3')	97	89
880-50531-32	SW-4 (1')	98	92
880-50531-33	SW-5 (1')	96	92
880-50531-34	SW-6 (1')	100	92
880-50531-35	SW-7 (2')	97	91
880-50531-36	SW-8 (2')	95	91
880-50531-37	SW-9 (2')	98	92
880-50531-38	SW-10 (1')	95	91
880-50531-39	SW-11 (2')	98	90
880-50548-A-21-C MS	Matrix Spike	112	112
880-50548-A-21-D MSD	Matrix Spike Duplicate	109	109
880-50551-A-1-A MS	Matrix Spike	102	97
880-50551-A-1-B MSD	Matrix Spike Duplicate	106	100
890-7322-A-1-A MS	Matrix Spike	105	104
890-7322-A-1-B MSD	Matrix Spike Duplicate	115	111

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-50531-1

Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

SDG: Eddy 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)
LCS 880-94584/1-A	Lab Control Sample	108	100
LCS 880-94585/1-A	Lab Control Sample	99	101
LCS 880-94586/1-A	Lab Control Sample	101	96
LCS 880-94615/1-A	Lab Control Sample	103	101
LCS 880-94622/1-A	Lab Control Sample	100	105
LCSD 880-94584/2-A	Lab Control Sample Dup	104	103
LCSD 880-94585/2-A	Lab Control Sample Dup	100	102
LCSD 880-94586/2-A	Lab Control Sample Dup	101	100
LCSD 880-94615/2-A	Lab Control Sample Dup	100	103
LCSD 880-94622/2-A	Lab Control Sample Dup	96	102
MB 880-94584/5-A	Method Blank	109	88
MB 880-94585/5-A	Method Blank	90	89
MB 880-94586/5-A	Method Blank	172 S1+	119
MB 880-94615/5-A	Method Blank	113	88
MB 880-94622/5-A	Method Blank	146 S1+	96
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-50531-1	CS-1 (3')	96	75
880-50531-1 MS	CS-1 (3')	97	83
880-50531-1 MSD	CS-1 (3')	98	83
880-50531-2	CS-2 (3')	100	78
880-50531-3	CS-3 (3')	101	78
880-50531-4	CS-4 (3')	100	78
880-50531-5	CS-5 (3')	95	74
880-50531-6	CS-6 (3')	94	75
880-50531-7	CS-7 (3')	91	72
880-50531-8	CS-8 (3')	95	74
880-50531-9	CS-9 (3')	89	69 S1-
880-50531-10	CS-10 (3')	89	69 S1-
880-50531-11	CS-11 (3')	88	68 S1-
880-50531-12	CS-12 (2')	100	77
880-50531-13	CS-13 (2')	100	78
880-50531-14	CS-14 (2')	104	82
880-50531-15	CS-15 (2')	107	83
880-50531-16	CS-16 (2')	102	79
880-50531-17	CS-17 (2')	103	80
880-50531-18	CS-18 (2')	93	72
880-50531-19	CS-19 (2')	89	71
880-50531-20	CS-20 (2')	96	75
880-50531-21	CS-21 (2')	104	97
880-50531-21 MS	CS-21 (2')	100	101
880-50531-21 MSD	CS-21 (2')	99	100

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-50531-1

Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-50531-22	CS-22 (2')	104	97
880-50531-23	CS-23 (2')	110	101
880-50531-24	CS-24 (2')	116	106
880-50531-25	CS-25 (2')	108	100
880-50531-26	CS-26 (1')	110	101
880-50531-27	CS-27 (1')	113	105
880-50531-28	CS-28 (1')	106	97
880-50531-29	SW-1 (3')	108	101
880-50531-30	SW-2 (3')	107	99
880-50531-31	SW-3 (3')	107	99
880-50531-32	SW-4 (1')	110	100
880-50531-33	SW-5 (1')	116	107
880-50531-34	SW-6 (1')	106	97
880-50531-35	SW-7 (2')	125	114
880-50531-36	SW-8 (2')	107	98
880-50531-37	SW-9 (2')	99	90
880-50531-38	SW-10 (1')	114	104
880-50531-39	SW-11 (2')	102	93
LCS 880-94550/2-A	Lab Control Sample	123	112
LCS 880-94551/2-A	Lab Control Sample	173 S1+	178 S1+
LCSD 880-94550/3-A	Lab Control Sample Dup	117	105
LCSD 880-94551/3-A	Lab Control Sample Dup	172 S1+	176 S1+
MB 880-94550/1-A	Method Blank	137 S1+	173 S1+
MB 880-94551/1-A	Method Blank	264 S1+	245 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-94584/5-A

Matrix: Solid

Analysis Batch: 94581

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94584

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 11:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 11:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 11:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 09:15	11/01/24 11:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 11:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 09:15	11/01/24 11:43	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	109		70 - 130	11/01/24 09:15	11/01/24 11:43	1
1,4-Difluorobenzene (Surr)	88		70 - 130	11/01/24 09:15	11/01/24 11:43	1

Lab Sample ID: LCS 880-94584/1-A

Matrix: Solid

Analysis Batch: 94581

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94584

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1084		mg/Kg		108	70 - 130
Toluene	0.100	0.1119		mg/Kg		112	70 - 130
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2176		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1093		mg/Kg		109	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-94584/2-A

Matrix: Solid

Analysis Batch: 94581

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94584

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Benzene	0.100	0.1104		mg/Kg		110	70 - 130	2	35
Toluene	0.100	0.1128		mg/Kg		113	70 - 130	1	35
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2157		mg/Kg		108	70 - 130	1	35
o-Xylene	0.100	0.1076		mg/Kg		108	70 - 130	2	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-50528-A-1-B MS

Matrix: Solid

Analysis Batch: 94581

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 94584

Analyte	Sample Sample		Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00200	U F2 F1	0.100	0.06693	F1	mg/Kg		67	70 - 130
Toluene	<0.00200	U	0.100	0.07395		mg/Kg		74	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-50528-A-1-B MS

Matrix: Solid

Analysis Batch: 94581

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 94584

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07324		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1470		mg/Kg		73	70 - 130
o-Xylene	<0.00200	U	0.100	0.07472		mg/Kg		75	70 - 130
		MS	MS						
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	115		70 - 130						
1,4-Difluorobenzene (Surr)	97		70 - 130						

Lab Sample ID: 880-50528-A-1-C MSD

Matrix: Solid

Analysis Batch: 94581

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 94584

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	0.09695	F2	mg/Kg		97	70 - 130	37	35
Toluene	<0.00200	U	0.100	0.09570		mg/Kg		96	70 - 130	26	35
Ethylbenzene	<0.00200	U	0.100	0.08609		mg/Kg		86	70 - 130	16	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1675		mg/Kg		84	70 - 130	13	35
o-Xylene	<0.00200	U	0.100	0.08511		mg/Kg		85	70 - 130	13	35
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	112		70 - 130								
1,4-Difluorobenzene (Surr)	102		70 - 130								

Lab Sample ID: MB 880-94585/5-A

Matrix: Solid

Analysis Batch: 94485

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94585

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 11:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 09:25	11/01/24 11:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 11:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 09:25	11/01/24 11:50	1
		MB	MB						
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	90		70 - 130	11/01/24 09:25	11/01/24 11:50	1			
1,4-Difluorobenzene (Surr)	89		70 - 130	11/01/24 09:25	11/01/24 11:50	1			

Lab Sample ID: LCS 880-94585/1-A

Matrix: Solid

Analysis Batch: 94485

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94585

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09970		mg/Kg		100	70 - 130
Toluene	0.100	0.1013		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.09718		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1972		mg/Kg		99	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-94585/1-A

Matrix: Solid

Analysis Batch: 94485

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94585

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09733		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-94585/2-A

Matrix: Solid

Analysis Batch: 94485

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94585

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09588		mg/Kg		96	70 - 130	4	35
Toluene	0.100	0.09685		mg/Kg		97	70 - 130	4	35
Ethylbenzene	0.100	0.09294		mg/Kg		93	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1882		mg/Kg		94	70 - 130	5	35
o-Xylene	0.100	0.09297		mg/Kg		93	70 - 130	5	35

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

Lab Sample ID: 880-50531-26 MS

Matrix: Solid

Analysis Batch: 94485

Client Sample ID: CS-26 (1')

Prep Type: Total/NA

Prep Batch: 94585

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08928		mg/Kg		89	70 - 130
Toluene	<0.00200	U	0.100	0.08755		mg/Kg		88	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08505		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1708		mg/Kg		85	70 - 130
o-Xylene	<0.00200	U	0.100	0.08459		mg/Kg		85	70 - 130

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

Lab Sample ID: 880-50531-26 MSD

Matrix: Solid

Analysis Batch: 94485

Client Sample ID: CS-26 (1')

Prep Type: Total/NA

Prep Batch: 94585

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	0.08087		mg/Kg		81	70 - 130	10	35
Toluene	<0.00200	U	0.100	0.07949		mg/Kg		79	70 - 130	10	35
Ethylbenzene	<0.00200	U	0.100	0.07445		mg/Kg		74	70 - 130	13	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1480		mg/Kg		74	70 - 130	14	35
o-Xylene	<0.00200	U	0.100	0.07391		mg/Kg		74	70 - 130	13	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-50531-26 MSD
Matrix: Solid
Analysis Batch: 94485

Client Sample ID: CS-26 (1')
Prep Type: Total/NA
Prep Batch: 94585

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

Lab Sample ID: MB 880-94586/5-A
Matrix: Solid
Analysis Batch: 94577

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94586

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:42	11/01/24 11:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:42	11/01/24 11:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:42	11/01/24 11:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 09:42	11/01/24 11:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:42	11/01/24 11:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 09:42	11/01/24 11:42	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	172	S1+	70 - 130	11/01/24 09:42	11/01/24 11:42	1
1,4-Difluorobenzene (Surr)	119		70 - 130	11/01/24 09:42	11/01/24 11:42	1

Lab Sample ID: LCS 880-94586/1-A
Matrix: Solid
Analysis Batch: 94577

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94586

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.09367		mg/Kg		94	70 - 130
Toluene	0.100	0.09476		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.09034		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1905		mg/Kg		95	70 - 130
o-Xylene	0.100	0.1076		mg/Kg		108	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-94586/2-A
Matrix: Solid
Analysis Batch: 94577

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 94586

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Benzene	0.100	0.09730		mg/Kg		97	70 - 130	4	35
Toluene	0.100	0.09175		mg/Kg		92	70 - 130	3	35
Ethylbenzene	0.100	0.07368		mg/Kg		74	70 - 130	20	35
m-Xylene & p-Xylene	0.200	0.1688		mg/Kg		84	70 - 130	12	35
o-Xylene	0.100	0.09450		mg/Kg		94	70 - 130	13	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	101		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-94586/2-A
Matrix: Solid
Analysis Batch: 94577

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 94586

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

Lab Sample ID: 890-7322-A-1-A MS
Matrix: Solid
Analysis Batch: 94577

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 94586

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07767		mg/Kg		78	70 - 130
Toluene	<0.00200	U	0.100	0.07663		mg/Kg		77	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.06561	F1	mg/Kg		66	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1607		mg/Kg		79	70 - 130
o-Xylene	<0.00200	U	0.100	0.09296		mg/Kg		93	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-7322-A-1-B MSD
Matrix: Solid
Analysis Batch: 94577

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 94586

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	0.1077		mg/Kg		108	70 - 130	32	35
Toluene	<0.00200	U	0.100	0.09321		mg/Kg		93	70 - 130	20	35
Ethylbenzene	<0.00200	U F1	0.100	0.08015		mg/Kg		80	70 - 130	20	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1833		mg/Kg		90	70 - 130	13	35
o-Xylene	<0.00200	U	0.100	0.1122		mg/Kg		112	70 - 130	19	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: MB 880-94615/5-A
Matrix: Solid
Analysis Batch: 94581

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94615

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:15	11/01/24 22:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:15	11/01/24 22:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:15	11/01/24 22:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 11:15	11/01/24 22:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:15	11/01/24 22:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 11:15	11/01/24 22:18	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	113		70 - 130	11/01/24 11:15	11/01/24 22:18	1			
1,4-Difluorobenzene (Surr)	88		70 - 130	11/01/24 11:15	11/01/24 22:18	1			

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-94615/1-A

Matrix: Solid

Analysis Batch: 94581

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94615

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1022		mg/Kg		102	70 - 130
Toluene	0.100	0.1037		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.1005		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09991		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-94615/2-A

Matrix: Solid

Analysis Batch: 94581

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94615

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1059		mg/Kg		106	70 - 130	4	35
Toluene	0.100	0.1058		mg/Kg		106	70 - 130	2	35
Ethylbenzene	0.100	0.1031		mg/Kg		103	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2016		mg/Kg		101	70 - 130	2	35
o-Xylene	0.100	0.1026		mg/Kg		103	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-50551-A-1-A MS

Matrix: Solid

Analysis Batch: 94581

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 94615

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07704		mg/Kg		77	70 - 130
Toluene	<0.00200	U	0.100	0.07733		mg/Kg		77	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07254		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1415		mg/Kg		71	70 - 130
o-Xylene	<0.00200	U	0.100	0.07369		mg/Kg		74	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-50551-A-1-B MSD

Matrix: Solid

Analysis Batch: 94581

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 94615

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	0.09967		mg/Kg		100	70 - 130	26	35
Toluene	<0.00200	U	0.100	0.09945		mg/Kg		99	70 - 130	25	35
Ethylbenzene	<0.00200	U	0.100	0.09516		mg/Kg		95	70 - 130	27	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-50551-A-1-B MSD

Matrix: Solid

Analysis Batch: 94581

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 94615

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1856		mg/Kg		93	70 - 130	27	35
o-Xylene	<0.00200	U	0.100	0.09438		mg/Kg		94	70 - 130	25	35
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	106		70 - 130								
1,4-Difluorobenzene (Surr)	100		70 - 130								

Lab Sample ID: MB 880-94622/5-A

Matrix: Solid

Analysis Batch: 94577

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94622

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/01/24 23:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/01/24 23:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/01/24 23:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 11:50	11/01/24 23:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/01/24 23:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 11:50	11/01/24 23:19	1
Surrogate	MB %Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130				11/01/24 11:50	11/01/24 23:19	1
1,4-Difluorobenzene (Surr)	96		70 - 130				11/01/24 11:50	11/01/24 23:19	1

Lab Sample ID: LCS 880-94622/1-A

Matrix: Solid

Analysis Batch: 94577

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94622

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.09797		mg/Kg		98	70 - 130		
Toluene	0.100	0.08926		mg/Kg		89	70 - 130		
Ethylbenzene	0.100	0.08024		mg/Kg		80	70 - 130		
m-Xylene & p-Xylene	0.200	0.1851		mg/Kg		93	70 - 130		
o-Xylene	0.100	0.1075		mg/Kg		107	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits						
4-Bromofluorobenzene (Surr)	100		70 - 130						
1,4-Difluorobenzene (Surr)	105		70 - 130						

Lab Sample ID: LCSD 880-94622/2-A

Matrix: Solid

Analysis Batch: 94577

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94622

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09072		mg/Kg		91	70 - 130	8	35
Toluene	0.100	0.08258		mg/Kg		83	70 - 130	8	35
Ethylbenzene	0.100	0.07736		mg/Kg		77	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1735		mg/Kg		87	70 - 130	6	35
o-Xylene	0.100	0.09497		mg/Kg		95	70 - 130	12	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-50548-A-21-C MS
Matrix: Solid
Analysis Batch: 94577

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 94622

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07117		mg/Kg		71	70 - 130
Toluene	<0.00200	U F1	0.100	0.06286	F1	mg/Kg		63	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.05931	F1	mg/Kg		58	70 - 130
m-Xylene & p-Xylene	0.00571	F1	0.200	0.1444	F1	mg/Kg		69	70 - 130
o-Xylene	0.00264		0.100	0.08959		mg/Kg		87	70 - 130

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

Lab Sample ID: 880-50548-A-21-D MSD
Matrix: Solid
Analysis Batch: 94577

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 94622

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	0.08178		mg/Kg		82	70 - 130	14	35
Toluene	<0.00200	U F1	0.100	0.07328		mg/Kg		73	70 - 130	15	35
Ethylbenzene	<0.00200	U F1	0.100	0.06100	F1	mg/Kg		60	70 - 130	3	35
m-Xylene & p-Xylene	0.00571	F1	0.200	0.1475		mg/Kg		71	70 - 130	2	35
o-Xylene	0.00264		0.100	0.08792		mg/Kg		85	70 - 130	2	35

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

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

Lab Sample ID: MB 880-94550/1-A
Matrix: Solid
Analysis Batch: 94553

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/31/24 16:48	11/01/24 09:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/31/24 16:48	11/01/24 09:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/31/24 16:48	11/01/24 09:37	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	137	S1+	70 - 130	10/31/24 16:48	11/01/24 09:37	1			
o-Terphenyl	173	S1+	70 - 130	10/31/24 16:48	11/01/24 09:37	1			

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-94550/2-A

Matrix: Solid

Analysis Batch: 94553

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94550

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1129		mg/Kg		113	70 - 130
Diesel Range Organics (Over C10-C28)	1000	929.5		mg/Kg		93	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	123		70 - 130				
o-Terphenyl	112		70 - 130				

Lab Sample ID: LCSD 880-94550/3-A

Matrix: Solid

Analysis Batch: 94553

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94550

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier				Limits		Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1063		mg/Kg		106	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	836.6		mg/Kg		84	70 - 130	11	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	117		70 - 130								
o-Terphenyl	105		70 - 130								

Lab Sample ID: 880-50531-1 MS

Matrix: Solid

Analysis Batch: 94553

Client Sample ID: CS-1 (3')

Prep Type: Total/NA

Prep Batch: 94550

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	1010	1013		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.3	U	1010	856.0		mg/Kg		85	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	97		70 - 130								
o-Terphenyl	83		70 - 130								

Lab Sample ID: 880-50531-1 MSD

Matrix: Solid

Analysis Batch: 94553

Client Sample ID: CS-1 (3')

Prep Type: Total/NA

Prep Batch: 94550

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	1010	1005		mg/Kg		100	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.3	U	1010	850.0		mg/Kg		84	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	98		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-50531-1 MSD

Matrix: Solid

Analysis Batch: 94553

Client Sample ID: CS-1 (3')

Prep Type: Total/NA

Prep Batch: 94550

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	83		70 - 130

Lab Sample ID: MB 880-94551/1-A

Matrix: Solid

Analysis Batch: 94555

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94551

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier								
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/31/24 16:51	11/01/24 09:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/31/24 16:51	11/01/24 09:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/31/24 16:51	11/01/24 09:37	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
%Recovery	Qualifier								
1-Chlorooctane	264	S1+	70 - 130				10/31/24 16:51	11/01/24 09:37	1
<i>o</i> -Terphenyl	245	S1+	70 - 130				10/31/24 16:51	11/01/24 09:37	1

Lab Sample ID: LCS 880-94551/2-A

Matrix: Solid

Analysis Batch: 94555

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94551

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1085		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1094		mg/Kg		109	70 - 130
Surrogate	LCS	LCS	Limits				
%Recovery	Qualifier						
1-Chlorooctane	173	S1+	70 - 130				
<i>o</i> -Terphenyl	178	S1+	70 - 130				

Lab Sample ID: LCSD 880-94551/3-A

Matrix: Solid

Analysis Batch: 94555

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94551

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1106		mg/Kg		111	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1098		mg/Kg		110	70 - 130	0	20
Surrogate	LCSD	LCSD	Limits						
%Recovery	Qualifier								
1-Chlorooctane	172	S1+	70 - 130						
<i>o</i> -Terphenyl	176	S1+	70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-50531-21 MS
Matrix: Solid
Analysis Batch: 94555

Client Sample ID: CS-21 (2')
Prep Type: Total/NA
Prep Batch: 94551

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1010	953.2		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	920.7		mg/Kg		92	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	100		70 - 130								
o-Terphenyl	101		70 - 130								

Lab Sample ID: 880-50531-21 MSD
Matrix: Solid
Analysis Batch: 94555

Client Sample ID: CS-21 (2')
Prep Type: Total/NA
Prep Batch: 94551

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1010	951.7		mg/Kg		95	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	978.7		mg/Kg		97	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	99		70 - 130								
o-Terphenyl	100		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-94575/1-A
Matrix: Solid
Analysis Batch: 94583

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			11/01/24 09:43	1

Lab Sample ID: LCS 880-94575/2-A
Matrix: Solid
Analysis Batch: 94583

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	228.6		mg/Kg		91	90 - 110		

Lab Sample ID: LCSD 880-94575/3-A
Matrix: Solid
Analysis Batch: 94583

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	226.6		mg/Kg		91	90 - 110	1	20

QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-50531-3 MS

Matrix: Solid

Analysis Batch: 94583

Client Sample ID: CS-3 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.96	U F1	249	224.3	F1	mg/Kg		88	90 - 110

Lab Sample ID: 880-50531-3 MSD

Matrix: Solid

Analysis Batch: 94583

Client Sample ID: CS-3 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.96	U F1	249	224.5	F1	mg/Kg		88	90 - 110	0	20

Lab Sample ID: MB 880-94576/1-A

Matrix: Solid

Analysis Batch: 94587

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			11/01/24 14:57	1

Lab Sample ID: LCS 880-94576/2-A

Matrix: Solid

Analysis Batch: 94587

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.4		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-94576/3-A

Matrix: Solid

Analysis Batch: 94587

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	257.8		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 880-50531-25 MS

Matrix: Solid

Analysis Batch: 94587

Client Sample ID: CS-25 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.1	U F1	252	265.2		mg/Kg		105	90 - 110

Lab Sample ID: 880-50531-25 MSD

Matrix: Solid

Analysis Batch: 94587

Client Sample ID: CS-25 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.1	U F1	251	278.4	F1	mg/Kg		111	90 - 110	5	20

Lab Sample ID: 880-50531-32 MS

Matrix: Solid

Analysis Batch: 94587

Client Sample ID: SW-4 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.92	U F1	248	274.3		mg/Kg		110	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-50531-32 MSD

Matrix: Solid

Analysis Batch: 94587

Client Sample ID: SW-4 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.92	U F1	248	280.5	F1	mg/Kg		113	90 - 110	2	20

Lab Sample ID: MB 880-94624/1-A

Matrix: Solid

Analysis Batch: 94629

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			11/01/24 18:28	1

Lab Sample ID: LCS 880-94624/2-A

Matrix: Solid

Analysis Batch: 94629

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	232.0		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-94624/3-A

Matrix: Solid

Analysis Batch: 94629

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	230.2		mg/Kg		92	90 - 110	1	20

Lab Sample ID: 880-50531-12 MS

Matrix: Solid

Analysis Batch: 94629

Client Sample ID: CS-12 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.0	U	251	230.4		mg/Kg		91	90 - 110

Lab Sample ID: 880-50531-12 MSD

Matrix: Solid

Analysis Batch: 94629

Client Sample ID: CS-12 (2')

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	229.3		mg/Kg		90	90 - 110	0	20

Lab Sample ID: 880-50531-22 MS

Matrix: Solid

Analysis Batch: 94629

Client Sample ID: CS-22 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.1	U F1	252	228.7	F1	mg/Kg		89	90 - 110

Lab Sample ID: 880-50531-22 MSD

Matrix: Solid

Analysis Batch: 94629

Client Sample ID: CS-22 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.1	U F1	252	228.0	F1	mg/Kg		89	90 - 110	0	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 94485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-26	CS-26 (1')	Total/NA	Solid	8021B	94585
880-50531-27	CS-27 (1')	Total/NA	Solid	8021B	94585
880-50531-28	CS-28 (1')	Total/NA	Solid	8021B	94585
880-50531-29	SW-1 (3')	Total/NA	Solid	8021B	94585
880-50531-30	SW-2 (3')	Total/NA	Solid	8021B	94585
880-50531-31	SW-3 (3')	Total/NA	Solid	8021B	94585
880-50531-32	SW-4 (1')	Total/NA	Solid	8021B	94585
880-50531-33	SW-5 (1')	Total/NA	Solid	8021B	94585
880-50531-34	SW-6 (1')	Total/NA	Solid	8021B	94585
880-50531-35	SW-7 (2')	Total/NA	Solid	8021B	94585
880-50531-36	SW-8 (2')	Total/NA	Solid	8021B	94585
880-50531-37	SW-9 (2')	Total/NA	Solid	8021B	94585
880-50531-38	SW-10 (1')	Total/NA	Solid	8021B	94585
880-50531-39	SW-11 (2')	Total/NA	Solid	8021B	94585
MB 880-94585/5-A	Method Blank	Total/NA	Solid	8021B	94585
LCS 880-94585/1-A	Lab Control Sample	Total/NA	Solid	8021B	94585
LCSD 880-94585/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94585
880-50531-26 MS	CS-26 (1')	Total/NA	Solid	8021B	94585
880-50531-26 MSD	CS-26 (1')	Total/NA	Solid	8021B	94585

Analysis Batch: 94577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-12	CS-12 (2')	Total/NA	Solid	8021B	94586
880-50531-13	CS-13 (2')	Total/NA	Solid	8021B	94586
880-50531-14	CS-14 (2')	Total/NA	Solid	8021B	94586
880-50531-15	CS-15 (2')	Total/NA	Solid	8021B	94586
880-50531-16	CS-16 (2')	Total/NA	Solid	8021B	94586
880-50531-17	CS-17 (2')	Total/NA	Solid	8021B	94586
880-50531-18	CS-18 (2')	Total/NA	Solid	8021B	94622
880-50531-19	CS-19 (2')	Total/NA	Solid	8021B	94622
880-50531-20	CS-20 (2')	Total/NA	Solid	8021B	94622
MB 880-94586/5-A	Method Blank	Total/NA	Solid	8021B	94586
MB 880-94622/5-A	Method Blank	Total/NA	Solid	8021B	94622
LCS 880-94586/1-A	Lab Control Sample	Total/NA	Solid	8021B	94586
LCS 880-94622/1-A	Lab Control Sample	Total/NA	Solid	8021B	94622
LCSD 880-94586/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94586
LCSD 880-94622/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94622
880-50548-A-21-C MS	Matrix Spike	Total/NA	Solid	8021B	94622
880-50548-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	94622
890-7322-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	94586
890-7322-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	94586

Analysis Batch: 94581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-1	CS-1 (3')	Total/NA	Solid	8021B	94584
880-50531-2	CS-2 (3')	Total/NA	Solid	8021B	94584
880-50531-3	CS-3 (3')	Total/NA	Solid	8021B	94584
880-50531-4	CS-4 (3')	Total/NA	Solid	8021B	94584
880-50531-5	CS-5 (3')	Total/NA	Solid	8021B	94584
880-50531-6	CS-6 (3')	Total/NA	Solid	8021B	94584
880-50531-7	CS-7 (3')	Total/NA	Solid	8021B	94584

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QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 94581 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-8	CS-8 (3')	Total/NA	Solid	8021B	94584
880-50531-9	CS-9 (3')	Total/NA	Solid	8021B	94584
880-50531-10	CS-10 (3')	Total/NA	Solid	8021B	94584
880-50531-11	CS-11 (3')	Total/NA	Solid	8021B	94584
880-50531-21	CS-21 (2')	Total/NA	Solid	8021B	94615
880-50531-22	CS-22 (2')	Total/NA	Solid	8021B	94615
880-50531-23	CS-23 (2')	Total/NA	Solid	8021B	94584
880-50531-24	CS-24 (2')	Total/NA	Solid	8021B	94584
880-50531-25	CS-25 (2')	Total/NA	Solid	8021B	94584
MB 880-94584/5-A	Method Blank	Total/NA	Solid	8021B	94584
MB 880-94615/5-A	Method Blank	Total/NA	Solid	8021B	94615
LCS 880-94584/1-A	Lab Control Sample	Total/NA	Solid	8021B	94584
LCS 880-94615/1-A	Lab Control Sample	Total/NA	Solid	8021B	94615
LCSD 880-94584/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94584
LCSD 880-94615/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94615
880-50528-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	94584
880-50528-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	94584
880-50551-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	94615
880-50551-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	94615

Prep Batch: 94584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-1	CS-1 (3')	Total/NA	Solid	5035	
880-50531-2	CS-2 (3')	Total/NA	Solid	5035	
880-50531-3	CS-3 (3')	Total/NA	Solid	5035	
880-50531-4	CS-4 (3')	Total/NA	Solid	5035	
880-50531-5	CS-5 (3')	Total/NA	Solid	5035	
880-50531-6	CS-6 (3')	Total/NA	Solid	5035	
880-50531-7	CS-7 (3')	Total/NA	Solid	5035	
880-50531-8	CS-8 (3')	Total/NA	Solid	5035	
880-50531-9	CS-9 (3')	Total/NA	Solid	5035	
880-50531-10	CS-10 (3')	Total/NA	Solid	5035	
880-50531-11	CS-11 (3')	Total/NA	Solid	5035	
880-50531-23	CS-23 (2')	Total/NA	Solid	5035	
880-50531-24	CS-24 (2')	Total/NA	Solid	5035	
880-50531-25	CS-25 (2')	Total/NA	Solid	5035	
MB 880-94584/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94584/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94584/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-50528-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-50528-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 94585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-26	CS-26 (1')	Total/NA	Solid	5035	
880-50531-27	CS-27 (1')	Total/NA	Solid	5035	
880-50531-28	CS-28 (1')	Total/NA	Solid	5035	
880-50531-29	SW-1 (3')	Total/NA	Solid	5035	
880-50531-30	SW-2 (3')	Total/NA	Solid	5035	
880-50531-31	SW-3 (3')	Total/NA	Solid	5035	
880-50531-32	SW-4 (1')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 94585 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-33	SW-5 (1')	Total/NA	Solid	5035	
880-50531-34	SW-6 (1')	Total/NA	Solid	5035	
880-50531-35	SW-7 (2')	Total/NA	Solid	5035	
880-50531-36	SW-8 (2')	Total/NA	Solid	5035	
880-50531-37	SW-9 (2')	Total/NA	Solid	5035	
880-50531-38	SW-10 (1')	Total/NA	Solid	5035	
880-50531-39	SW-11 (2')	Total/NA	Solid	5035	
MB 880-94585/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94585/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94585/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-50531-26 MS	CS-26 (1')	Total/NA	Solid	5035	
880-50531-26 MSD	CS-26 (1')	Total/NA	Solid	5035	

Prep Batch: 94586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-12	CS-12 (2')	Total/NA	Solid	5035	
880-50531-13	CS-13 (2')	Total/NA	Solid	5035	
880-50531-14	CS-14 (2')	Total/NA	Solid	5035	
880-50531-15	CS-15 (2')	Total/NA	Solid	5035	
880-50531-16	CS-16 (2')	Total/NA	Solid	5035	
880-50531-17	CS-17 (2')	Total/NA	Solid	5035	
MB 880-94586/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94586/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94586/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7322-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-7322-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 94615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-21	CS-21 (2')	Total/NA	Solid	5035	
880-50531-22	CS-22 (2')	Total/NA	Solid	5035	
MB 880-94615/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94615/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94615/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-50551-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-50551-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 94622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-18	CS-18 (2')	Total/NA	Solid	5035	
880-50531-19	CS-19 (2')	Total/NA	Solid	5035	
880-50531-20	CS-20 (2')	Total/NA	Solid	5035	
MB 880-94622/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94622/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94622/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-50548-A-21-C MS	Matrix Spike	Total/NA	Solid	5035	
880-50548-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 94669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-1	CS-1 (3')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 94669 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-2	CS-2 (3')	Total/NA	Solid	Total BTEX	
880-50531-3	CS-3 (3')	Total/NA	Solid	Total BTEX	
880-50531-4	CS-4 (3')	Total/NA	Solid	Total BTEX	
880-50531-5	CS-5 (3')	Total/NA	Solid	Total BTEX	
880-50531-6	CS-6 (3')	Total/NA	Solid	Total BTEX	
880-50531-7	CS-7 (3')	Total/NA	Solid	Total BTEX	
880-50531-8	CS-8 (3')	Total/NA	Solid	Total BTEX	
880-50531-9	CS-9 (3')	Total/NA	Solid	Total BTEX	
880-50531-10	CS-10 (3')	Total/NA	Solid	Total BTEX	
880-50531-11	CS-11 (3')	Total/NA	Solid	Total BTEX	
880-50531-12	CS-12 (2')	Total/NA	Solid	Total BTEX	
880-50531-13	CS-13 (2')	Total/NA	Solid	Total BTEX	
880-50531-14	CS-14 (2')	Total/NA	Solid	Total BTEX	
880-50531-15	CS-15 (2')	Total/NA	Solid	Total BTEX	
880-50531-16	CS-16 (2')	Total/NA	Solid	Total BTEX	
880-50531-17	CS-17 (2')	Total/NA	Solid	Total BTEX	
880-50531-18	CS-18 (2')	Total/NA	Solid	Total BTEX	
880-50531-19	CS-19 (2')	Total/NA	Solid	Total BTEX	
880-50531-20	CS-20 (2')	Total/NA	Solid	Total BTEX	
880-50531-21	CS-21 (2')	Total/NA	Solid	Total BTEX	
880-50531-22	CS-22 (2')	Total/NA	Solid	Total BTEX	
880-50531-23	CS-23 (2')	Total/NA	Solid	Total BTEX	
880-50531-24	CS-24 (2')	Total/NA	Solid	Total BTEX	
880-50531-25	CS-25 (2')	Total/NA	Solid	Total BTEX	
880-50531-26	CS-26 (1')	Total/NA	Solid	Total BTEX	
880-50531-27	CS-27 (1')	Total/NA	Solid	Total BTEX	
880-50531-28	CS-28 (1')	Total/NA	Solid	Total BTEX	
880-50531-29	SW-1 (3')	Total/NA	Solid	Total BTEX	
880-50531-30	SW-2 (3')	Total/NA	Solid	Total BTEX	
880-50531-31	SW-3 (3')	Total/NA	Solid	Total BTEX	
880-50531-32	SW-4 (1')	Total/NA	Solid	Total BTEX	
880-50531-33	SW-5 (1')	Total/NA	Solid	Total BTEX	
880-50531-34	SW-6 (1')	Total/NA	Solid	Total BTEX	
880-50531-35	SW-7 (2')	Total/NA	Solid	Total BTEX	
880-50531-36	SW-8 (2')	Total/NA	Solid	Total BTEX	
880-50531-37	SW-9 (2')	Total/NA	Solid	Total BTEX	
880-50531-38	SW-10 (1')	Total/NA	Solid	Total BTEX	
880-50531-39	SW-11 (2')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 94550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-1	CS-1 (3')	Total/NA	Solid	8015NM Prep	
880-50531-2	CS-2 (3')	Total/NA	Solid	8015NM Prep	
880-50531-3	CS-3 (3')	Total/NA	Solid	8015NM Prep	
880-50531-4	CS-4 (3')	Total/NA	Solid	8015NM Prep	
880-50531-5	CS-5 (3')	Total/NA	Solid	8015NM Prep	
880-50531-6	CS-6 (3')	Total/NA	Solid	8015NM Prep	
880-50531-7	CS-7 (3')	Total/NA	Solid	8015NM Prep	
880-50531-8	CS-8 (3')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 94550 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-9	CS-9 (3')	Total/NA	Solid	8015NM Prep	
880-50531-10	CS-10 (3')	Total/NA	Solid	8015NM Prep	
880-50531-11	CS-11 (3')	Total/NA	Solid	8015NM Prep	
880-50531-12	CS-12 (2')	Total/NA	Solid	8015NM Prep	
880-50531-13	CS-13 (2')	Total/NA	Solid	8015NM Prep	
880-50531-14	CS-14 (2')	Total/NA	Solid	8015NM Prep	
880-50531-15	CS-15 (2')	Total/NA	Solid	8015NM Prep	
880-50531-16	CS-16 (2')	Total/NA	Solid	8015NM Prep	
880-50531-17	CS-17 (2')	Total/NA	Solid	8015NM Prep	
880-50531-18	CS-18 (2')	Total/NA	Solid	8015NM Prep	
880-50531-19	CS-19 (2')	Total/NA	Solid	8015NM Prep	
880-50531-20	CS-20 (2')	Total/NA	Solid	8015NM Prep	
MB 880-94550/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-94550/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-94550/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-50531-1 MS	CS-1 (3')	Total/NA	Solid	8015NM Prep	
880-50531-1 MSD	CS-1 (3')	Total/NA	Solid	8015NM Prep	

Prep Batch: 94551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-21	CS-21 (2')	Total/NA	Solid	8015NM Prep	
880-50531-22	CS-22 (2')	Total/NA	Solid	8015NM Prep	
880-50531-23	CS-23 (2')	Total/NA	Solid	8015NM Prep	
880-50531-24	CS-24 (2')	Total/NA	Solid	8015NM Prep	
880-50531-25	CS-25 (2')	Total/NA	Solid	8015NM Prep	
880-50531-26	CS-26 (1')	Total/NA	Solid	8015NM Prep	
880-50531-27	CS-27 (1')	Total/NA	Solid	8015NM Prep	
880-50531-28	CS-28 (1')	Total/NA	Solid	8015NM Prep	
880-50531-29	SW-1 (3')	Total/NA	Solid	8015NM Prep	
880-50531-30	SW-2 (3')	Total/NA	Solid	8015NM Prep	
880-50531-31	SW-3 (3')	Total/NA	Solid	8015NM Prep	
880-50531-32	SW-4 (1')	Total/NA	Solid	8015NM Prep	
880-50531-33	SW-5 (1')	Total/NA	Solid	8015NM Prep	
880-50531-34	SW-6 (1')	Total/NA	Solid	8015NM Prep	
880-50531-35	SW-7 (2')	Total/NA	Solid	8015NM Prep	
880-50531-36	SW-8 (2')	Total/NA	Solid	8015NM Prep	
880-50531-37	SW-9 (2')	Total/NA	Solid	8015NM Prep	
880-50531-38	SW-10 (1')	Total/NA	Solid	8015NM Prep	
880-50531-39	SW-11 (2')	Total/NA	Solid	8015NM Prep	
MB 880-94551/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-94551/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-94551/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-50531-21 MS	CS-21 (2')	Total/NA	Solid	8015NM Prep	
880-50531-21 MSD	CS-21 (2')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 94553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-1	CS-1 (3')	Total/NA	Solid	8015B NM	94550
880-50531-2	CS-2 (3')	Total/NA	Solid	8015B NM	94550
880-50531-3	CS-3 (3')	Total/NA	Solid	8015B NM	94550
880-50531-4	CS-4 (3')	Total/NA	Solid	8015B NM	94550

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QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 94553 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-5	CS-5 (3')	Total/NA	Solid	8015B NM	94550
880-50531-6	CS-6 (3')	Total/NA	Solid	8015B NM	94550
880-50531-7	CS-7 (3')	Total/NA	Solid	8015B NM	94550
880-50531-8	CS-8 (3')	Total/NA	Solid	8015B NM	94550
880-50531-9	CS-9 (3')	Total/NA	Solid	8015B NM	94550
880-50531-10	CS-10 (3')	Total/NA	Solid	8015B NM	94550
880-50531-11	CS-11 (3')	Total/NA	Solid	8015B NM	94550
880-50531-12	CS-12 (2')	Total/NA	Solid	8015B NM	94550
880-50531-13	CS-13 (2')	Total/NA	Solid	8015B NM	94550
880-50531-14	CS-14 (2')	Total/NA	Solid	8015B NM	94550
880-50531-15	CS-15 (2')	Total/NA	Solid	8015B NM	94550
880-50531-16	CS-16 (2')	Total/NA	Solid	8015B NM	94550
880-50531-17	CS-17 (2')	Total/NA	Solid	8015B NM	94550
880-50531-18	CS-18 (2')	Total/NA	Solid	8015B NM	94550
880-50531-19	CS-19 (2')	Total/NA	Solid	8015B NM	94550
880-50531-20	CS-20 (2')	Total/NA	Solid	8015B NM	94550
MB 880-94550/1-A	Method Blank	Total/NA	Solid	8015B NM	94550
LCS 880-94550/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	94550
LCSD 880-94550/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	94550
880-50531-1 MS	CS-1 (3')	Total/NA	Solid	8015B NM	94550
880-50531-1 MSD	CS-1 (3')	Total/NA	Solid	8015B NM	94550

Analysis Batch: 94555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-21	CS-21 (2')	Total/NA	Solid	8015B NM	94551
880-50531-22	CS-22 (2')	Total/NA	Solid	8015B NM	94551
880-50531-23	CS-23 (2')	Total/NA	Solid	8015B NM	94551
880-50531-24	CS-24 (2')	Total/NA	Solid	8015B NM	94551
880-50531-25	CS-25 (2')	Total/NA	Solid	8015B NM	94551
880-50531-26	CS-26 (1')	Total/NA	Solid	8015B NM	94551
880-50531-27	CS-27 (1')	Total/NA	Solid	8015B NM	94551
880-50531-28	CS-28 (1')	Total/NA	Solid	8015B NM	94551
880-50531-29	SW-1 (3')	Total/NA	Solid	8015B NM	94551
880-50531-30	SW-2 (3')	Total/NA	Solid	8015B NM	94551
880-50531-31	SW-3 (3')	Total/NA	Solid	8015B NM	94551
880-50531-32	SW-4 (1')	Total/NA	Solid	8015B NM	94551
880-50531-33	SW-5 (1')	Total/NA	Solid	8015B NM	94551
880-50531-34	SW-6 (1')	Total/NA	Solid	8015B NM	94551
880-50531-35	SW-7 (2')	Total/NA	Solid	8015B NM	94551
880-50531-36	SW-8 (2')	Total/NA	Solid	8015B NM	94551
880-50531-37	SW-9 (2')	Total/NA	Solid	8015B NM	94551
880-50531-38	SW-10 (1')	Total/NA	Solid	8015B NM	94551
880-50531-39	SW-11 (2')	Total/NA	Solid	8015B NM	94551
MB 880-94551/1-A	Method Blank	Total/NA	Solid	8015B NM	94551
LCS 880-94551/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	94551
LCSD 880-94551/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	94551
880-50531-21 MS	CS-21 (2')	Total/NA	Solid	8015B NM	94551
880-50531-21 MSD	CS-21 (2')	Total/NA	Solid	8015B NM	94551

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

GC Semi VOA

Analysis Batch: 94770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-1	CS-1 (3')	Total/NA	Solid	8015 NM	
880-50531-2	CS-2 (3')	Total/NA	Solid	8015 NM	
880-50531-3	CS-3 (3')	Total/NA	Solid	8015 NM	
880-50531-4	CS-4 (3')	Total/NA	Solid	8015 NM	
880-50531-5	CS-5 (3')	Total/NA	Solid	8015 NM	
880-50531-6	CS-6 (3')	Total/NA	Solid	8015 NM	
880-50531-7	CS-7 (3')	Total/NA	Solid	8015 NM	
880-50531-8	CS-8 (3')	Total/NA	Solid	8015 NM	
880-50531-9	CS-9 (3')	Total/NA	Solid	8015 NM	
880-50531-10	CS-10 (3')	Total/NA	Solid	8015 NM	
880-50531-11	CS-11 (3')	Total/NA	Solid	8015 NM	
880-50531-12	CS-12 (2')	Total/NA	Solid	8015 NM	
880-50531-13	CS-13 (2')	Total/NA	Solid	8015 NM	
880-50531-14	CS-14 (2')	Total/NA	Solid	8015 NM	
880-50531-15	CS-15 (2')	Total/NA	Solid	8015 NM	
880-50531-16	CS-16 (2')	Total/NA	Solid	8015 NM	
880-50531-17	CS-17 (2')	Total/NA	Solid	8015 NM	
880-50531-18	CS-18 (2')	Total/NA	Solid	8015 NM	
880-50531-19	CS-19 (2')	Total/NA	Solid	8015 NM	
880-50531-20	CS-20 (2')	Total/NA	Solid	8015 NM	
880-50531-21	CS-21 (2')	Total/NA	Solid	8015 NM	
880-50531-22	CS-22 (2')	Total/NA	Solid	8015 NM	
880-50531-23	CS-23 (2')	Total/NA	Solid	8015 NM	
880-50531-24	CS-24 (2')	Total/NA	Solid	8015 NM	
880-50531-25	CS-25 (2')	Total/NA	Solid	8015 NM	
880-50531-26	CS-26 (1')	Total/NA	Solid	8015 NM	
880-50531-27	CS-27 (1')	Total/NA	Solid	8015 NM	
880-50531-28	CS-28 (1')	Total/NA	Solid	8015 NM	
880-50531-29	SW-1 (3')	Total/NA	Solid	8015 NM	
880-50531-30	SW-2 (3')	Total/NA	Solid	8015 NM	
880-50531-31	SW-3 (3')	Total/NA	Solid	8015 NM	
880-50531-32	SW-4 (1')	Total/NA	Solid	8015 NM	
880-50531-33	SW-5 (1')	Total/NA	Solid	8015 NM	
880-50531-34	SW-6 (1')	Total/NA	Solid	8015 NM	
880-50531-35	SW-7 (2')	Total/NA	Solid	8015 NM	
880-50531-36	SW-8 (2')	Total/NA	Solid	8015 NM	
880-50531-37	SW-9 (2')	Total/NA	Solid	8015 NM	
880-50531-38	SW-10 (1')	Total/NA	Solid	8015 NM	
880-50531-39	SW-11 (2')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 94575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-1	CS-1 (3')	Soluble	Solid	DI Leach	
880-50531-2	CS-2 (3')	Soluble	Solid	DI Leach	
880-50531-3	CS-3 (3')	Soluble	Solid	DI Leach	
880-50531-4	CS-4 (3')	Soluble	Solid	DI Leach	
880-50531-5	CS-5 (3')	Soluble	Solid	DI Leach	
880-50531-6	CS-6 (3')	Soluble	Solid	DI Leach	
880-50531-7	CS-7 (3')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 94575 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-8	CS-8 (3')	Soluble	Solid	DI Leach	
880-50531-9	CS-9 (3')	Soluble	Solid	DI Leach	
880-50531-10	CS-10 (3')	Soluble	Solid	DI Leach	
880-50531-11	CS-11 (3')	Soluble	Solid	DI Leach	
880-50531-31	SW-3 (3')	Soluble	Solid	DI Leach	
MB 880-94575/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-94575/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94575/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-50531-3 MS	CS-3 (3')	Soluble	Solid	DI Leach	
880-50531-3 MSD	CS-3 (3')	Soluble	Solid	DI Leach	

Leach Batch: 94576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-23	CS-23 (2')	Soluble	Solid	DI Leach	
880-50531-24	CS-24 (2')	Soluble	Solid	DI Leach	
880-50531-25	CS-25 (2')	Soluble	Solid	DI Leach	
880-50531-26	CS-26 (1')	Soluble	Solid	DI Leach	
880-50531-27	CS-27 (1')	Soluble	Solid	DI Leach	
880-50531-28	CS-28 (1')	Soluble	Solid	DI Leach	
880-50531-29	SW-1 (3')	Soluble	Solid	DI Leach	
880-50531-30	SW-2 (3')	Soluble	Solid	DI Leach	
880-50531-32	SW-4 (1')	Soluble	Solid	DI Leach	
880-50531-33	SW-5 (1')	Soluble	Solid	DI Leach	
880-50531-34	SW-6 (1')	Soluble	Solid	DI Leach	
880-50531-35	SW-7 (2')	Soluble	Solid	DI Leach	
880-50531-36	SW-8 (2')	Soluble	Solid	DI Leach	
880-50531-37	SW-9 (2')	Soluble	Solid	DI Leach	
880-50531-38	SW-10 (1')	Soluble	Solid	DI Leach	
880-50531-39	SW-11 (2')	Soluble	Solid	DI Leach	
MB 880-94576/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-94576/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94576/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-50531-25 MS	CS-25 (2')	Soluble	Solid	DI Leach	
880-50531-25 MSD	CS-25 (2')	Soluble	Solid	DI Leach	
880-50531-32 MS	SW-4 (1')	Soluble	Solid	DI Leach	
880-50531-32 MSD	SW-4 (1')	Soluble	Solid	DI Leach	

Analysis Batch: 94583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-1	CS-1 (3')	Soluble	Solid	300.0	94575
880-50531-2	CS-2 (3')	Soluble	Solid	300.0	94575
880-50531-3	CS-3 (3')	Soluble	Solid	300.0	94575
880-50531-4	CS-4 (3')	Soluble	Solid	300.0	94575
880-50531-5	CS-5 (3')	Soluble	Solid	300.0	94575
880-50531-6	CS-6 (3')	Soluble	Solid	300.0	94575
880-50531-7	CS-7 (3')	Soluble	Solid	300.0	94575
880-50531-8	CS-8 (3')	Soluble	Solid	300.0	94575
880-50531-9	CS-9 (3')	Soluble	Solid	300.0	94575
880-50531-10	CS-10 (3')	Soluble	Solid	300.0	94575
880-50531-11	CS-11 (3')	Soluble	Solid	300.0	94575
880-50531-31	SW-3 (3')	Soluble	Solid	300.0	94575

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 94583 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-94575/1-A	Method Blank	Soluble	Solid	300.0	94575
LCS 880-94575/2-A	Lab Control Sample	Soluble	Solid	300.0	94575
LCSD 880-94575/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94575
880-50531-3 MS	CS-3 (3')	Soluble	Solid	300.0	94575
880-50531-3 MSD	CS-3 (3')	Soluble	Solid	300.0	94575

Analysis Batch: 94587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-23	CS-23 (2')	Soluble	Solid	300.0	94576
880-50531-24	CS-24 (2')	Soluble	Solid	300.0	94576
880-50531-25	CS-25 (2')	Soluble	Solid	300.0	94576
880-50531-26	CS-26 (1')	Soluble	Solid	300.0	94576
880-50531-27	CS-27 (1')	Soluble	Solid	300.0	94576
880-50531-28	CS-28 (1')	Soluble	Solid	300.0	94576
880-50531-29	SW-1 (3')	Soluble	Solid	300.0	94576
880-50531-30	SW-2 (3')	Soluble	Solid	300.0	94576
880-50531-32	SW-4 (1')	Soluble	Solid	300.0	94576
880-50531-33	SW-5 (1')	Soluble	Solid	300.0	94576
880-50531-34	SW-6 (1')	Soluble	Solid	300.0	94576
880-50531-35	SW-7 (2')	Soluble	Solid	300.0	94576
880-50531-36	SW-8 (2')	Soluble	Solid	300.0	94576
880-50531-37	SW-9 (2')	Soluble	Solid	300.0	94576
880-50531-38	SW-10 (1')	Soluble	Solid	300.0	94576
880-50531-39	SW-11 (2')	Soluble	Solid	300.0	94576
MB 880-94576/1-A	Method Blank	Soluble	Solid	300.0	94576
LCS 880-94576/2-A	Lab Control Sample	Soluble	Solid	300.0	94576
LCSD 880-94576/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94576
880-50531-25 MS	CS-25 (2')	Soluble	Solid	300.0	94576
880-50531-25 MSD	CS-25 (2')	Soluble	Solid	300.0	94576
880-50531-32 MS	SW-4 (1')	Soluble	Solid	300.0	94576
880-50531-32 MSD	SW-4 (1')	Soluble	Solid	300.0	94576

Leach Batch: 94624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-12	CS-12 (2')	Soluble	Solid	DI Leach	
880-50531-13	CS-13 (2')	Soluble	Solid	DI Leach	
880-50531-14	CS-14 (2')	Soluble	Solid	DI Leach	
880-50531-15	CS-15 (2')	Soluble	Solid	DI Leach	
880-50531-16	CS-16 (2')	Soluble	Solid	DI Leach	
880-50531-17	CS-17 (2')	Soluble	Solid	DI Leach	
880-50531-18	CS-18 (2')	Soluble	Solid	DI Leach	
880-50531-19	CS-19 (2')	Soluble	Solid	DI Leach	
880-50531-20	CS-20 (2')	Soluble	Solid	DI Leach	
880-50531-21	CS-21 (2')	Soluble	Solid	DI Leach	
880-50531-22	CS-22 (2')	Soluble	Solid	DI Leach	
MB 880-94624/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-94624/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94624/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-50531-12 MS	CS-12 (2')	Soluble	Solid	DI Leach	
880-50531-12 MSD	CS-12 (2')	Soluble	Solid	DI Leach	
880-50531-22 MS	CS-22 (2')	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 94624 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-22 MSD	CS-22 (2')	Soluble	Solid	DI Leach	

Analysis Batch: 94629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-12	CS-12 (2')	Soluble	Solid	300.0	94624
880-50531-13	CS-13 (2')	Soluble	Solid	300.0	94624
880-50531-14	CS-14 (2')	Soluble	Solid	300.0	94624
880-50531-15	CS-15 (2')	Soluble	Solid	300.0	94624
880-50531-16	CS-16 (2')	Soluble	Solid	300.0	94624
880-50531-17	CS-17 (2')	Soluble	Solid	300.0	94624
880-50531-18	CS-18 (2')	Soluble	Solid	300.0	94624
880-50531-19	CS-19 (2')	Soluble	Solid	300.0	94624
880-50531-20	CS-20 (2')	Soluble	Solid	300.0	94624
880-50531-21	CS-21 (2')	Soluble	Solid	300.0	94624
880-50531-22	CS-22 (2')	Soluble	Solid	300.0	94624
MB 880-94624/1-A	Method Blank	Soluble	Solid	300.0	94624
LCS 880-94624/2-A	Lab Control Sample	Soluble	Solid	300.0	94624
LCSD 880-94624/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94624
880-50531-12 MS	CS-12 (2')	Soluble	Solid	300.0	94624
880-50531-12 MSD	CS-12 (2')	Soluble	Solid	300.0	94624
880-50531-22 MS	CS-22 (2')	Soluble	Solid	300.0	94624
880-50531-22 MSD	CS-22 (2')	Soluble	Solid	300.0	94624

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-1
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			5.03 g	5 mL	94584	11/01/24 09:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94581	11/01/24 14:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 14:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 14:35	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 14:35	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94575	11/01/24 07:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94583	11/01/24 10:55	CH	EET MID

Client Sample ID: CS-2 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	94584	11/01/24 09:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94581	11/01/24 14:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 14:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 16:47	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 16:47	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94575	11/01/24 07:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94583	11/01/24 10:59	CH	EET MID

Client Sample ID: CS-3 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94584	11/01/24 09:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94581	11/01/24 14:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 14:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 17:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 17:03	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94575	11/01/24 07:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94583	11/01/24 11:04	CH	EET MID

Client Sample ID: CS-4 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94584	11/01/24 09:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94581	11/01/24 15:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 15:09	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-4 (3')

Lab Sample ID: 880-50531-4

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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			94770	11/01/24 17:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 17:20	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	94575	11/01/24 07:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94583	11/01/24 11:19	CH	EET MID

Client Sample ID: CS-5 (3')

Lab Sample ID: 880-50531-5

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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	94584	11/01/24 09:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94581	11/01/24 15:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 15:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 17:36	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	94575	11/01/24 07:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94583	11/01/24 11:23	CH	EET MID

Client Sample ID: CS-6 (3')

Lab Sample ID: 880-50531-6

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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	94584	11/01/24 09:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94581	11/01/24 16:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 16:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 17:52	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	94575	11/01/24 07:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94583	11/01/24 11:38	CH	EET MID

Client Sample ID: CS-7 (3')

Lab Sample ID: 880-50531-7

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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	94584	11/01/24 09:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94581	11/01/24 17:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 17:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 18:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 18:08	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-7 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-7
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			5.02 g	50 mL	94575	11/01/24 07:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94583	11/01/24 11:43	CH	EET MID

Client Sample ID: CS-8 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	94584	11/01/24 09:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94581	11/01/24 17:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 17:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 18:26	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 18:26	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	94575	11/01/24 07:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94583	11/01/24 11:47	CH	EET MID

Client Sample ID: CS-9 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94584	11/01/24 09:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94581	11/01/24 17:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 17:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 18:42	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 18:42	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	94575	11/01/24 07:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94583	11/01/24 11:52	CH	EET MID

Client Sample ID: CS-10 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	94584	11/01/24 09:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94581	11/01/24 18:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 18:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 18:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 18:58	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	94575	11/01/24 07:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94583	11/01/24 11:57	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94584	11/01/24 09:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94581	11/01/24 18:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 18:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 19:31	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 19:31	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	94575	11/01/24 07:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94583	11/01/24 12:02	CH	EET MID

Client Sample ID: CS-12 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	94586	11/01/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94577	11/01/24 18:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 18:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 19:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 19:47	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	94624	11/01/24 11:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94629	11/01/24 18:43	CH	EET MID

Client Sample ID: CS-13 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	94586	11/01/24 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94577	11/01/24 18:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 18:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 20:04	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 20:04	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	94624	11/01/24 11:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94629	11/01/24 18:59	CH	EET MID

Client Sample ID: CS-14 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94586	11/01/24 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94577	11/01/24 19:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 19:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-14 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			94770	11/01/24 20:21	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 20:21	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	94624	11/01/24 11:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94629	11/01/24 19:04	CH	EET MID

Client Sample ID: CS-15 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	94586	11/01/24 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94577	11/01/24 19:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 19:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 20:38	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 20:38	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94624	11/01/24 11:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94629	11/01/24 19:09	CH	EET MID

Client Sample ID: CS-16 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94586	11/01/24 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94577	11/01/24 19:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 19:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 20:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 20:54	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	94624	11/01/24 11:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94629	11/01/24 19:14	CH	EET MID

Client Sample ID: CS-17 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	94586	11/01/24 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94577	11/01/24 20:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 20:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 21:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 21:10	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-17 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-17
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			5.01 g	50 mL	94624	11/01/24 11:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94629	11/01/24 19:29	CH	EET MID

Client Sample ID: CS-18 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-18
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			4.91 g	5 mL	94622	11/01/24 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94577	11/02/24 01:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/02/24 01:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 21:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 21:27	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	94624	11/01/24 11:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94629	11/01/24 19:35	CH	EET MID

Client Sample ID: CS-19 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-19
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	94622	11/01/24 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94577	11/02/24 01:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/02/24 01:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 21:43	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94624	11/01/24 11:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94629	11/01/24 19:40	CH	EET MID

Client Sample ID: CS-20 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-20
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			5.03 g	5 mL	94622	11/01/24 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94577	11/02/24 01:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/02/24 01:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	94550	10/31/24 16:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94553	11/01/24 22:00	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94624	11/01/24 11:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94629	11/01/24 19:45	CH	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-21 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	94615	11/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94581	11/02/24 05:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/02/24 05:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 14:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 14:35	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	94624	11/01/24 11:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94629	11/01/24 19:50	CH	EET MID

Client Sample ID: CS-22 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94615	11/01/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94581	11/02/24 06:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/02/24 06:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 16:47	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 16:47	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	94624	11/01/24 11:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94629	11/01/24 19:55	CH	EET MID

Client Sample ID: CS-23 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	94584	11/01/24 09:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94581	11/01/24 18:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 18:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 17:03	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 17:03	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	94576	11/01/24 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94587	11/01/24 16:54	CH	EET MID

Client Sample ID: CS-24 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	94584	11/01/24 09:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94581	11/01/24 19:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 19:15	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-24 (2')

Lab Sample ID: 880-50531-24

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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			94770	11/01/24 17:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 17:20	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	94576	11/01/24 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94587	11/01/24 17:00	CH	EET MID

Client Sample ID: CS-25 (2')

Lab Sample ID: 880-50531-25

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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	94584	11/01/24 09:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94581	11/01/24 19:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 19:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 17:36	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	94576	11/01/24 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94587	11/01/24 17:07	CH	EET MID

Client Sample ID: CS-26 (1')

Lab Sample ID: 880-50531-26

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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	94585	11/01/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 12:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 12:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 17:52	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	94576	11/01/24 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94587	11/01/24 17:28	CH	EET MID

Client Sample ID: CS-27 (1')

Lab Sample ID: 880-50531-27

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94585	11/01/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 12:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 12:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 18:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 18:08	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-27 (1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	94576	11/01/24 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94587	11/01/24 17:35	CH	EET MID

Client Sample ID: CS-28 (1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94585	11/01/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 12:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 12:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 18:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 18:26	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	94576	11/01/24 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94587	11/01/24 17:55	CH	EET MID

Client Sample ID: SW-1 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	94585	11/01/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 13:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 13:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 18:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 18:42	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	94576	11/01/24 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94587	11/01/24 18:02	CH	EET MID

Client Sample ID: SW-2 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.91 g	5 mL	94585	11/01/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 13:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 13:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 18:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 18:58	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	94576	11/01/24 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94587	11/01/24 18:09	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-3 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-31
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	94585	11/01/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 13:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 13:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 19:31	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 19:31	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	94575	11/01/24 07:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94583	11/01/24 12:07	CH	EET MID

Client Sample ID: SW-4 (1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-32
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	94585	11/01/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 14:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 14:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 19:47	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 19:47	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94576	11/01/24 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94587	11/01/24 15:18	CH	EET MID

Client Sample ID: SW-5 (1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-33
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	94585	11/01/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 14:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 14:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 20:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 20:04	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94576	11/01/24 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94587	11/01/24 15:38	CH	EET MID

Client Sample ID: SW-6 (1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94585	11/01/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 14:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 14:56	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-6 (1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			94770	11/01/24 20:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 20:21	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	94576	11/01/24 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94587	11/01/24 15:45	CH	EET MID

Client Sample ID: SW-7 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94585	11/01/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 15:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 15:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 20:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 20:38	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	94576	11/01/24 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94587	11/01/24 15:52	CH	EET MID

Client Sample ID: SW-8 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94585	11/01/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 16:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 16:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 20:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 20:54	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	94576	11/01/24 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94587	11/01/24 16:13	CH	EET MID

Client Sample ID: SW-9 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	94585	11/01/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 17:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 17:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 21:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 21:10	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-9 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-37
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			4.95 g	50 mL	94576	11/01/24 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94587	11/01/24 16:33	CH	EET MID

Client Sample ID: SW-10 (1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	94585	11/01/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 17:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 17:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 21:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 21:27	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94576	11/01/24 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94587	11/01/24 16:40	CH	EET MID

Client Sample ID: SW-11 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50531-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	94585	11/01/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 17:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94669	11/01/24 17:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			94770	11/01/24 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 21:43	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	94576	11/01/24 07:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94587	11/01/24 16:47	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
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: Cali Roll 24 Fed Com 2H (8.24.24)

Job ID: 880-50531-1
SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources

Job ID: 880-50531-1

Project/Site: Cali Roll 24 Fed Com 2H (8.24.24)

SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-50531-1	CS-1 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-2	CS-2 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-3	CS-3 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-4	CS-4 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-5	CS-5 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-6	CS-6 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-7	CS-7 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-8	CS-8 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-9	CS-9 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-10	CS-10 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-11	CS-11 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-12	CS-12 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-13	CS-13 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-14	CS-14 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-15	CS-15 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-16	CS-16 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-17	CS-17 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-18	CS-18 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-19	CS-19 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-20	CS-20 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-21	CS-21 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-22	CS-22 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-23	CS-23 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-24	CS-24 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-25	CS-25 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-26	CS-26 (1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-27	CS-27 (1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-28	CS-28 (1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-29	SW-1 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-30	SW-2 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-31	SW-3 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-32	SW-4 (1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-33	SW-5 (1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-34	SW-6 (1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-35	SW-7 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-36	SW-8 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-37	SW-9 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-38	SW-10 (1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50531-39	SW-11 (2')	Solid	10/30/24 00:00	10/31/24 15:44

Chain of Custody



880-50531 Chain of Custody

Page 1 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	Cammona Resources
Company Name:	Cammona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcammona@cammonaresources.com
Work Order Comments			
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Landfill ☐			
State of Project:			
Reporting Level: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐			
Deliverables: EDD ☐ ADAPT ☐ Other: ☐			

Project Name:	Call Roll 24 Fed Com 2H (8.24.24)	Turn Around	Pras. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	2518	☐ Routine ☒ Rush														None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico	Due Date:	72 HR													Cool: Cool	MeOH: Me
Sampler's Name:	JR															HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐												H ₃ PO ₄ : HP	
Received In tact:	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	TPH										Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
CS-1 (3')	10/30/2024		X		Comp	1	X	X	X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

Comments: Email to Mike Cammona / mcammona@cammonaresources.com and Conner Moehring / cmoehring@cammonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	10/31/24		10/31/24

Chain of Custody

Work Order No: _____

Page 2 of 4

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

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

Project Name:		Call Roll 24 Fed Com 2H (8.24.24)		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	2518		☐ Routine	☒ Rush												None: NO	DI Water: H ₂ O		
Project Location:	Eddy County, New Mexico			Due Date:	72 HR											Coel: Coel	MeOH: Me		
Sampler's Name:	JFR															HCL: HC	HNO ₃ : HN		
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	Yes	No	Yes	No	Wet Ice:	Yes	No									H ₃ PO ₄ : HP		
Received Intact:	Yes	No		Thermometer ID:													NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:													Na ₂ S ₂ O ₅ : NaSO ₃		
Sample Custody Seals:	Yes	No	N/A	Temperature Reading:													Zn Acetate+NaOH: Zn		
Total Containers:				Corrected Temperature:													NaOH+Ascorbic Acid: SAPC		
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
CS-11 (3')		10/30/2024		X		Comp	1	X	X	X									
CS-12 (2')		10/30/2024		X		Comp	1	X	X	X									
CS-13 (2')		10/30/2024		X		Comp	1	X	X	X									
CS-14 (2')		10/30/2024		X		Comp	1	X	X	X									
CS-15 (2')		10/30/2024		X		Comp	1	X	X	X									
CS-16 (2')		10/30/2024		X		Comp	1	X	X	X									
CS-17 (2')		10/30/2024		X		Comp	1	X	X	X									
CS-18 (2')		10/30/2024		X		Comp	1	X	X	X									
CS-19 (2')		10/30/2024		X		Comp	1	X	X	X									
CS-20 (2')		10/30/2024		X		Comp	1	X	X	X									

Comments: Email to Mike Carmona / mcarmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	10/11/24		

Chain of Custody

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Work Order No: _____

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

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

Project Name:	Call Roll 24 Fed Com 2H (8.24.24)	Turn Around	☐ Routine ☒ Rush	Prep. Code		ANALYSIS REQUEST										Preservative Codes				
Project Number:	2518																None: NO	DI Water: H ₂ O		
Project Location:	Eddy County, New Mexico	Due Date:	72 HR														Cool: Cool	MeOH: Me		
Sampler's Name:	JR																HCL: HC	HNO ₃ : HN		
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	Yes	No	Yes	No	Well Ice:	Yes	No											H ₃ PO ₄ : HP	
Received Intact:	Yes	No		Thermometer ID:															NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:															Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes	No	N/A	Temperature Reading:															Zn Acetate+NaOH: Zn	
Total Containers:				Corrected Temperature:															NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments
CS-21 (2')	10/30/2024		X		Comp	1	X	X	X								
CS-22 (2')	10/30/2024		X		Comp	1	X	X	X								
CS-23 (2')	10/30/2024		X		Comp	1	X	X	X								
CS-24 (2')	10/30/2024		X		Comp	1	X	X	X								
CS-25 (2')	10/30/2024		X		Comp	1	X	X	X								
CS-26 (1')	10/30/2024		X		Comp	1	X	X	X								
CS-27 (1')	10/30/2024		X		Comp	1	X	X	X								
CS-28 (1')	10/30/2024		X		Comp	1	X	X	X								
SW-1 (3')	10/30/2024		X		Comp	1	X	X	X								
SW-2 (3')	10/30/2024		X		Comp	1	X	X	X								

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11/1/24		

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Chain of Custody

Work Order No: _____

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

Project Name:				Call Roll 24 Fed Com 2H (8.24.24)				Turn Around				Pres. Code				ANALYSIS REQUEST												Preservative Codes							
Project Number:				2518				☐ Routine ☒ Rush																				None: NO DI Water: H ₂ O							
Project Location:				Eddy County, New Mexico				Due Date:				72 HR																Cool: Cool MeOH: Me							
Sampler's Name:				JR																								HCL: HC HNO ₃ : HN							
PO #:																												H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT				Temp Blank:				Yes No				Wet Ice:				Yes No																H ₃ PO ₄ : HP			
Received Intact:				Yes No				Thermometer ID:																				NaHSO ₄ : NABIS							
Cooler Custody Seals:				Yes No N/A				Correction Factor:																				Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:				Yes No N/A				Temperature Reading:																				Zn Acetate+NaOH: Zn							
Total Containers:								Corrected Temperature:																				NaOH+Ascorbic Acid: SAPC							

Project Name:		Call Roll 24 Fed Com 2H (8.24.24)		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2518	☐ Routine	☒ Rush														None: NO	DI Water: H ₂ O			
Project Location:	Eddy County, New Mexico			Due Date:	72 HR											Cool: Cool	MeOH: Me				
Sampler's Name:	JR															HCL: HC	HNO ₃ : HN				
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na				
SAMPLE RECEIPT				Temp Blank:	Yes	No	Yes	No	Wet Ice:	Yes	No	Parameters									
Received Intact:		Yes	No	Thermometer ID:																	
Cooler Custody Seals:		Yes	No	N/A		Correction Factor:															
Sample Custody Seals:		Yes	No	N/A		Temperature Reading:															
Total Containers:				Corrected Temperature:																	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
SW-3 (3')		10/30/2024		X		Comp	1	X	X	X											
SW-4 (1')		10/30/2024		X		Comp	1	X	X	X											
SW-5 (1')		10/30/2024		X		Comp	1	X	X	X											
SW-6 (1')		10/30/2024		X		Comp	1	X	X	X											
SW-7 (2')		10/30/2024		X		Comp	1	X	X	X											
SW-8 (2')		10/30/2024		X		Comp	1	X	X	X											
SW-9 (2')		10/30/2024		X		Comp	1	X	X	X											
SW-10 (1')		10/30/2024		X		Comp	1	X	X	X											
SW-11 (2')		10/30/2024		X		Comp	1	X	X	X											
								</													

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11/1/24		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-50531-1

SDG Number: Eddy County, New Mexico

Login Number: 50531

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/4/2024 11:18:49 AM

JOB DESCRIPTION

Cali Roll 24 Fed Com 2H (5.6.24)
Eddy County, New Mexico

JOB NUMBER

880-50530-1

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
11/4/2024 11:18:49 AM

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

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Laboratory Job ID: 880-50530-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-50530-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-50530-1

Job ID: 880-50530-1

Eurofins Midland

Job Narrative 880-50530-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 10/31/2024 3:44 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: Backfill (880-50530-1).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-94584 and analytical batch 880-94581 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 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-94551/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-94551/2-A) and (LCSD 880-94551/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-94555 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-94575 and analytical batch 880-94583 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.

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-50530-1
SDG: Eddy County, New Mexico

Client Sample ID: Backfill

Lab Sample ID: 880-50530-1

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 09:15	11/01/24 13:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/01/24 09:15	11/01/24 13:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/01/24 09:15	11/01/24 13:47	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/01/24 09:15	11/01/24 13:47	1
o-Xylene	0.00674		0.00198		mg/Kg		11/01/24 09:15	11/01/24 13:47	1
Xylenes, Total	0.00674		0.00396		mg/Kg		11/01/24 09:15	11/01/24 13:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	11/01/24 09:15	11/01/24 13:47	1
1,4-Difluorobenzene (Surr)	83		70 - 130	11/01/24 09:15	11/01/24 13:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00674		0.00396		mg/Kg			11/01/24 13:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			11/01/24 22:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		10/31/24 16:51	11/01/24 22:00	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/31/24 16:51	11/01/24 22:00	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/31/24 16:51	11/01/24 22:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	10/31/24 16:51	11/01/24 22:00	1
o-Terphenyl	105		70 - 130	10/31/24 16:51	11/01/24 22:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			11/01/24 10:50	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-50530-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)
Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-50528-A-1-B MS	Matrix Spike	115	97
880-50528-A-1-C MSD	Matrix Spike Duplicate	112	102
880-50530-1	Backfill	109	83
LCS 880-94584/1-A	Lab Control Sample	108	100
LCSD 880-94584/2-A	Lab Control Sample Dup	104	103
MB 880-94584/5-A	Method Blank	109	88
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)
880-50530-1	Backfill	113	105
880-50531-A-21-B MS	Matrix Spike	100	101
880-50531-A-21-C MSD	Matrix Spike Duplicate	99	100
LCS 880-94551/2-A	Lab Control Sample	173 S1+	178 S1+
LCSD 880-94551/3-A	Lab Control Sample Dup	172 S1+	176 S1+
MB 880-94551/1-A	Method Blank	264 S1+	245 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-50530-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-94584/5-A

Matrix: Solid

Analysis Batch: 94581

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94584

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 11:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 11:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 11:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 09:15	11/01/24 11:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:15	11/01/24 11:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 09:15	11/01/24 11:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	11/01/24 09:15	11/01/24 11:43	1
1,4-Difluorobenzene (Surr)	88		70 - 130	11/01/24 09:15	11/01/24 11:43	1

Lab Sample ID: LCS 880-94584/1-A

Matrix: Solid

Analysis Batch: 94581

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94584

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1084		mg/Kg		108	70 - 130
Toluene	0.100	0.1119		mg/Kg		112	70 - 130
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2176		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1093		mg/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-94584/2-A

Matrix: Solid

Analysis Batch: 94581

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94584

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1104		mg/Kg		110	70 - 130	2	35
Toluene	0.100	0.1128		mg/Kg		113	70 - 130	1	35
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2157		mg/Kg		108	70 - 130	1	35
o-Xylene	0.100	0.1076		mg/Kg		108	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-50528-A-1-B MS

Matrix: Solid

Analysis Batch: 94581

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 94584

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F2 F1	0.100	0.06693	F1	mg/Kg		67	70 - 130
Toluene	<0.00200	U	0.100	0.07395		mg/Kg		74	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-50530-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-50528-A-1-B MS
Matrix: Solid
Analysis Batch: 94581

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 94584

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07324		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1470		mg/Kg		73	70 - 130
o-Xylene	<0.00200	U	0.100	0.07472		mg/Kg		75	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	115		70 - 130						
1,4-Difluorobenzene (Surr)	97		70 - 130						

Lab Sample ID: 880-50528-A-1-C MSD
Matrix: Solid
Analysis Batch: 94581

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 94584

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	0.09695	F2	mg/Kg		97	70 - 130	37	35
Toluene	<0.00200	U	0.100	0.09570		mg/Kg		96	70 - 130	26	35
Ethylbenzene	<0.00200	U	0.100	0.08609		mg/Kg		86	70 - 130	16	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1675		mg/Kg		84	70 - 130	13	35
o-Xylene	<0.00200	U	0.100	0.08511		mg/Kg		85	70 - 130	13	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	112		70 - 130								
1,4-Difluorobenzene (Surr)	102		70 - 130								

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

Lab Sample ID: MB 880-94551/1-A
Matrix: Solid
Analysis Batch: 94555

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94551

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/31/24 16:51	11/01/24 09:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/31/24 16:51	11/01/24 09:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/31/24 16:51	11/01/24 09:37	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	264	S1+	70 - 130						
o-Terphenyl	245	S1+	70 - 130						

Lab Sample ID: LCS 880-94551/2-A
Matrix: Solid
Analysis Batch: 94555

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94551

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1085		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1094		mg/Kg		109	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-50530-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-94551/2-A
Matrix: Solid
Analysis Batch: 94555

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94551

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	173	S1+	70 - 130
o-Terphenyl	178	S1+	70 - 130

Lab Sample ID: LCSD 880-94551/3-A
Matrix: Solid
Analysis Batch: 94555

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 94551

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1106		mg/Kg		111	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1098		mg/Kg		110	70 - 130	0	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	172	S1+	70 - 130
o-Terphenyl	176	S1+	70 - 130

Lab Sample ID: 880-50531-A-21-B MS
Matrix: Solid
Analysis Batch: 94555

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 94551

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1010	953.2		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	920.7		mg/Kg		92	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: 880-50531-A-21-C MSD
Matrix: Solid
Analysis Batch: 94555

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 94551

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1010	951.7		mg/Kg		95	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	978.7		mg/Kg		97	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	100		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-50530-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-94575/1-A Matrix: Solid Analysis Batch: 94583										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			11/01/24 09:43	1		

Lab Sample ID: LCS 880-94575/2-A Matrix: Solid Analysis Batch: 94583										Client Sample ID: Lab Control Sample Prep Type: Soluble	
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	228.6		mg/Kg		91	90 - 110		

Lab Sample ID: LCSD 880-94575/3-A Matrix: Solid Analysis Batch: 94583										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	226.6		mg/Kg		91	90 - 110	1	20

Lab Sample ID: 880-50531-A-3-C MS Matrix: Solid Analysis Batch: 94583										Client Sample ID: Matrix Spike Prep Type: Soluble	
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<9.96	U F1	249	224.3	F1	mg/Kg		88	90 - 110		

Lab Sample ID: 880-50531-A-3-D MSD Matrix: Solid Analysis Batch: 94583										Client Sample ID: Matrix Spike Duplicate Prep Type: Soluble	
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.96	U F1	249	224.5	F1	mg/Kg		88	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-50530-1
SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 94581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50530-1	Backfill	Total/NA	Solid	8021B	94584
MB 880-94584/5-A	Method Blank	Total/NA	Solid	8021B	94584
LCS 880-94584/1-A	Lab Control Sample	Total/NA	Solid	8021B	94584
LCSD 880-94584/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94584
880-50528-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	94584
880-50528-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	94584

Prep Batch: 94584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50530-1	Backfill	Total/NA	Solid	5035	
MB 880-94584/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94584/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94584/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-50528-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-50528-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 94668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50530-1	Backfill	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 94551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50530-1	Backfill	Total/NA	Solid	8015NM Prep	
MB 880-94551/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-94551/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-94551/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-50531-A-21-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-50531-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 94555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50530-1	Backfill	Total/NA	Solid	8015B NM	94551
MB 880-94551/1-A	Method Blank	Total/NA	Solid	8015B NM	94551
LCS 880-94551/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	94551
LCSD 880-94551/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	94551
880-50531-A-21-B MS	Matrix Spike	Total/NA	Solid	8015B NM	94551
880-50531-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	94551

Analysis Batch: 94772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50530-1	Backfill	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 94575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50530-1	Backfill	Soluble	Solid	DI Leach	
MB 880-94575/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-94575/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94575/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-50530-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 94575 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50531-A-3-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-50531-A-3-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 94583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50530-1	Backfill	Soluble	Solid	300.0	94575
MB 880-94575/1-A	Method Blank	Soluble	Solid	300.0	94575
LCS 880-94575/2-A	Lab Control Sample	Soluble	Solid	300.0	94575
LCSD 880-94575/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94575
880-50531-A-3-C MS	Matrix Spike	Soluble	Solid	300.0	94575
880-50531-A-3-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	94575

Lab Chronicle

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-50530-1
SDG: Eddy County, New Mexico

Client Sample ID: Backfill
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50530-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	94584	11/01/24 09:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94581	11/01/24 13:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94668	11/01/24 13:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			94772	11/01/24 22:00	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	94551	10/31/24 16:51	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/01/24 22:00	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	94575	11/01/24 07:43	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94583	11/01/24 10:50	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-50530-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
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: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-50530-1
SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Cali Roll 24 Fed Com 2H (5.6.24)

Job ID: 880-50530-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-50530-1	Backfill	Solid	10/30/24 00:00	10/31/24 15:44

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



880-50530 Chain of Custody

Page 1 of 1

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

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

[illegible]

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	10/31/24 1532		10.31.24
			1544

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-50530-1

SDG Number: Eddy County, New Mexico

Login Number: 50530

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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

APPENDIX F

CARMONA RESOURCES



Soil Map—Eddy Area, New Mexico



Soil Map—Eddy Area, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 20, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
RG	Reeves-Gypsum land complex, 0 to 3 percent slopes	0.5	100.0%
Totals for Area of Interest		0.5	100.0%

Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

RG—Reeves-Gypsum land complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5f
Elevation: 1,250 to 5,000 feet
Mean annual precipitation: 10 to 25 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 190 to 235 days
Farmland classification: Not prime farmland

Map Unit Composition

Reeves and similar soils: 55 percent
Gypsum land: 30 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reeves

Setting

Landform: Ridges, plains, hills
Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope
Landform position (three-dimensional): Side slope, head slope, nose slope, crest
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 32 inches: clay loam
H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 25 percent
Gypsum, maximum content: 80 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Low (about 4.3 inches)

Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

Interpretive groups

Land capability classification (irrigated): 3s

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: B

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Description of Gypsum Land**Setting**

Landform: Ridges, plains, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope

Landform position (three-dimensional): Side slope, head slope, nose slope, crest

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Minor Components**Largo**

Percent of map unit: 5 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Reagan

Percent of map unit: 5 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Cottonwood

Percent of map unit: 5 percent

Ecological site: R070BC033NM - Salty Bottomland

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 20, Sep 3, 2024

(30)

BLM SERIAL #:

COMPANY REFERENCE:

3.5 Seed Mixture 4, for Gypsum Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Alkali Sacaton (Sporobolus airoides)	1.0
DWS Four-wing saltbush (Atriplex canescens) (DWS: DeWinged Seed)	5.0

*Pounds of pure live seed: Pounds of seed x percent purity x percent germination = pounds pure live seed

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 406767

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 406767
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2429860746
Incident Name	NAPP2429860746 CALI ROLL 24 FEDERAL COM 2H @ 30-015-39388
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Well	[30-015-39388] CALI ROLL 24 FEDERAL COM #002H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Cali Roll 24 Federal Com 2H
Date Release Discovered	08/26/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 18 BBL Recovered: 1 BBL Lost: 17 BBL.
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)	Not answered.

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QUESTIONS, Page 2

Action 406767

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 406767
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 10/29/2024
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QUESTIONS, Page 3

Action 406767

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 406767
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 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	Between 1 and 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	High
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<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)	7730
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	836
GRO+DRO (EPA SW-846 Method 8015M)	836
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	10/22/2024
On what date will (or did) the final sampling or liner inspection occur	10/28/2024
On what date will (or was) the remediation complete(d)	10/31/2024
What is the estimated surface area (in square feet) that will be reclaimed	5000
What is the estimated volume (in cubic yards) that will be reclaimed	408
What is the estimated surface area (in square feet) that will be remediated	5000
What is the estimated volume (in cubic yards) that will be remediated	408

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 406767

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:
	229137
	Action Number:
	406767
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Cali Roll 24 Fed Com 2H Battery [fAPP2203336056]
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: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 11/26/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 406767

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 406767
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 406767

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 406767
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	395749
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/28/2024
What was the (estimated) number of samples that were to be gathered	29
What was the sampling surface area in square feet	5500

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	5500
What was the total volume (cubic yards) remediated	408
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	5500
What was the total volume (in cubic yards) reclaimed	408
Summarize any additional remediation activities not included by answers (above)	na
<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: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 11/26/2024

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Action 406767

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:
	229137
	Action Number:
	406767
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	5500
What was the total volume of replacement material (in cubic yards) for this site	408
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseedling commence(d)	10/31/2024
Summarize any additional reclamation activities not included by answers (above)	na
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 11/26/2024

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Action 406767

QUESTIONS (continued)

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	Action Number: 406767
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 406767

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 406767
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	3/12/2025