



SITE INFORMATION

Closure Report
GREENWOOD FEDERAL COM #002
Incident #: NTWG1027039130
Eddy County, New Mexico
Unit D Sec 27 T18S R31E
32.7224846°, -103.8637772°

Unknown Release
Point of Release: Unknown
Release Date: Unknown, Historical
Volume Released: Unknown
Volume Recovered: Unknown

CARMONA RESOURCES



Prepared for:
Chevron U.S.A., Inc.
6301 Deauville Blvd
Midland, Texas 79706

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



TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 REMEDIATION ACTIVITIES

6.0 RECLAMATION ACTIVITIES

7.0 CONCLUSIONS

FIGURES

FIGURE 1	OVERVIEW	FIGURE 2	TOPOGRAPHIC
FIGURE 3	SAMPLE LOCATION	FIGURE 4A/B	EXCAVATION
FIGURE 5	RECLAMATION		

APPENDICES

APPENDIX A	TABLES
APPENDIX B	PHOTOS
APPENDIX C	NMOCD CORRESPONDENCE
APPENDIX D	SITE CHARACTERIZATION AND GROUNDWATER
APPENDIX E	LABORATORY REPORTS



February 12, 2025

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

**Re: Closure Report
GREENWOOD FEDERAL COM #002
Chevron U.S.A., Inc.
Site Location: Unit D, S27, T18S, R31E
(Lat 32.7224846°, Long -103.8637772°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Chevron U.S.A., Inc. (Chevron), Carmona Resources, LLC has prepared this letter to document site assessment and remediation activities for the GREENWOOD FEDERAL COM #002. The site is located at 32.7224846°, -103.8637772° within Unit D, S27, T18S, R31E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

An initial C-141 was unable to be obtained from the New Mexico Oil Conservation Division (NMOCD) web portal which would typically identify the release date, contents released and volume. During discussions with the NMOCD, several locations were requested to be sampled along the well pad since historical imagery suggested the possibility of contamination being onsite. Communication with the NMOCD is found in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.71 miles Southeast of the site in S35, T18S, R31E and was drilled in 1994. The well has a reported depth to groundwater of 260.67' below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

Initial Assessment

On December 11, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of seven (7) soil samples (S-1 through S-7), and four (4) horizontal sample points (H-1 through H-4) were installed to total depths ranging from surface to 6.5' bgs in the areas requested by the NMOCD during previous communications. See Figure 3 for the sample locations. For chemical analysis,

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



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 E.

Vertical Delineation

Vertical delineation was achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations with the exception of S-1. S-1 was further delineated during remediation activities. Refer to Table 1.

Horizontal Delineation

Horizontal delineation was achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

5.0 Remediation Activities

Between January 21, 2025 and February 4, 2025, Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on January 16, 2025 & January 27, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of S-1 was excavated to a depth of 9.0' bgs. A total of nine (9) confirmation floor samples were collected (CS-1 through CS-9), and ten (10) sidewall samples (SW-1 through SW-10) were collected every 200 square feet to ensure the proper removal of the contaminated soils. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 4A & 4B.

All final confirmation samples were below the regulatory requirements for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 2.

Before the excavation was backfilled, a composite sample of the backfill material was collected on January 27, 2025, to ensure the material was clean per NMOCD standards. The backfill material was sourced from the local landowner located at 32.71282, -103.83887. Refer to Table 2. Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 1,620 square feet of contamination was remediated, resulting in 540 cubic yards of material excavated and transported offsite for proper disposal.

6.0 Reclamation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. On February 3, 2025, the backfilled areas in the pasture were seeded via hand distribution with the appropriate pounds of pure live seed per acre. The topsoil was ripped with a dozer onto the seed to aid the vegetation process. The seed mixture used was BLM #2 LPC Sandy Mixture. 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. Chevron formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

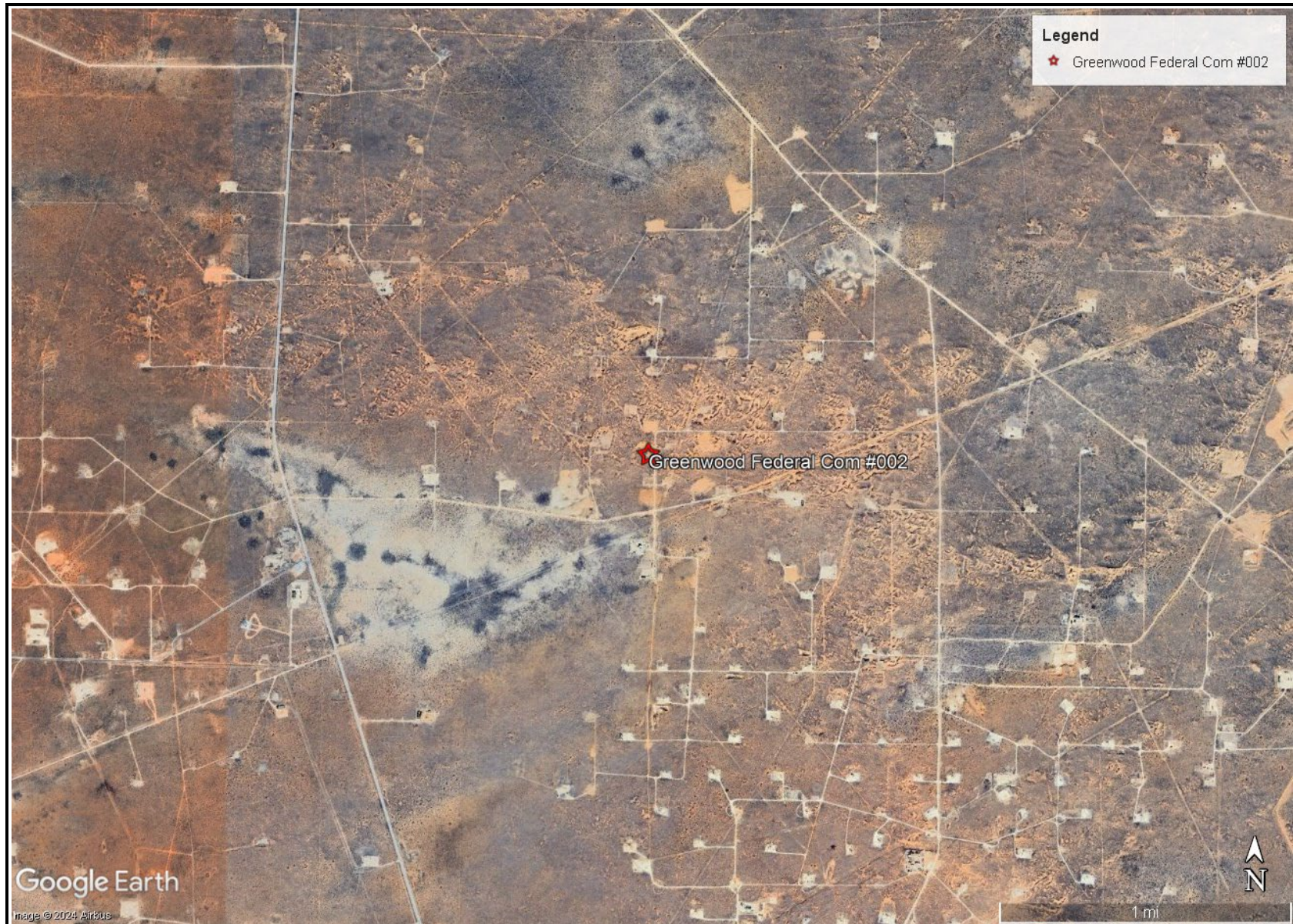
Ashton Thielke
Environmental Manager

Gilbert Priego
Project Manager

FIGURES

CARMONA RESOURCES



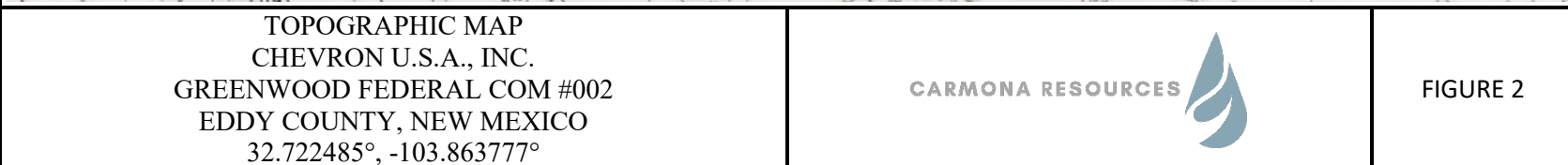


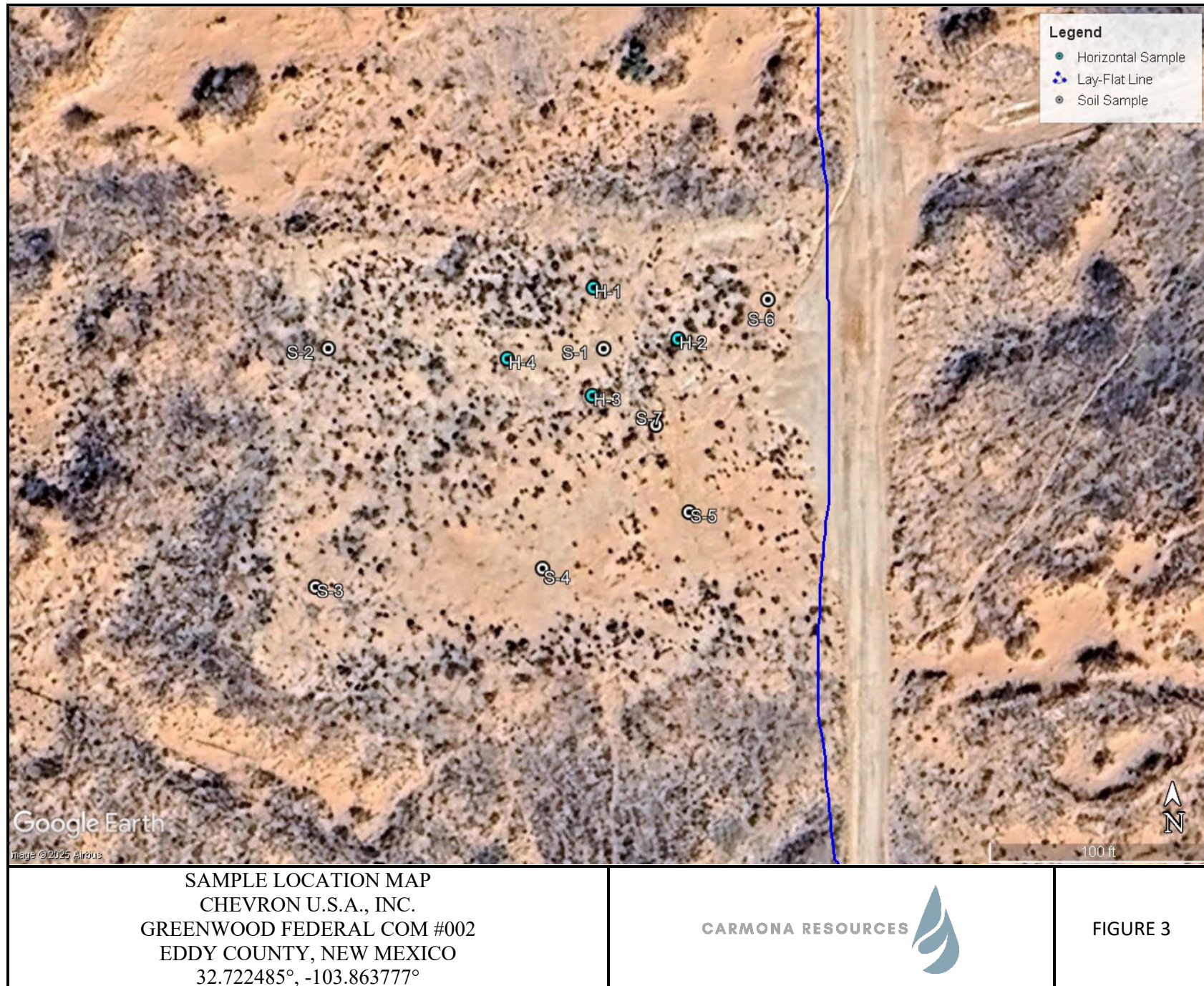
OVERVIEW MAP
CHEVRON U.S.A., INC.
GREENWOOD FEDERAL COM #002
EDDY COUNTY, NEW MEXICO
32.722485°, -103.863777°

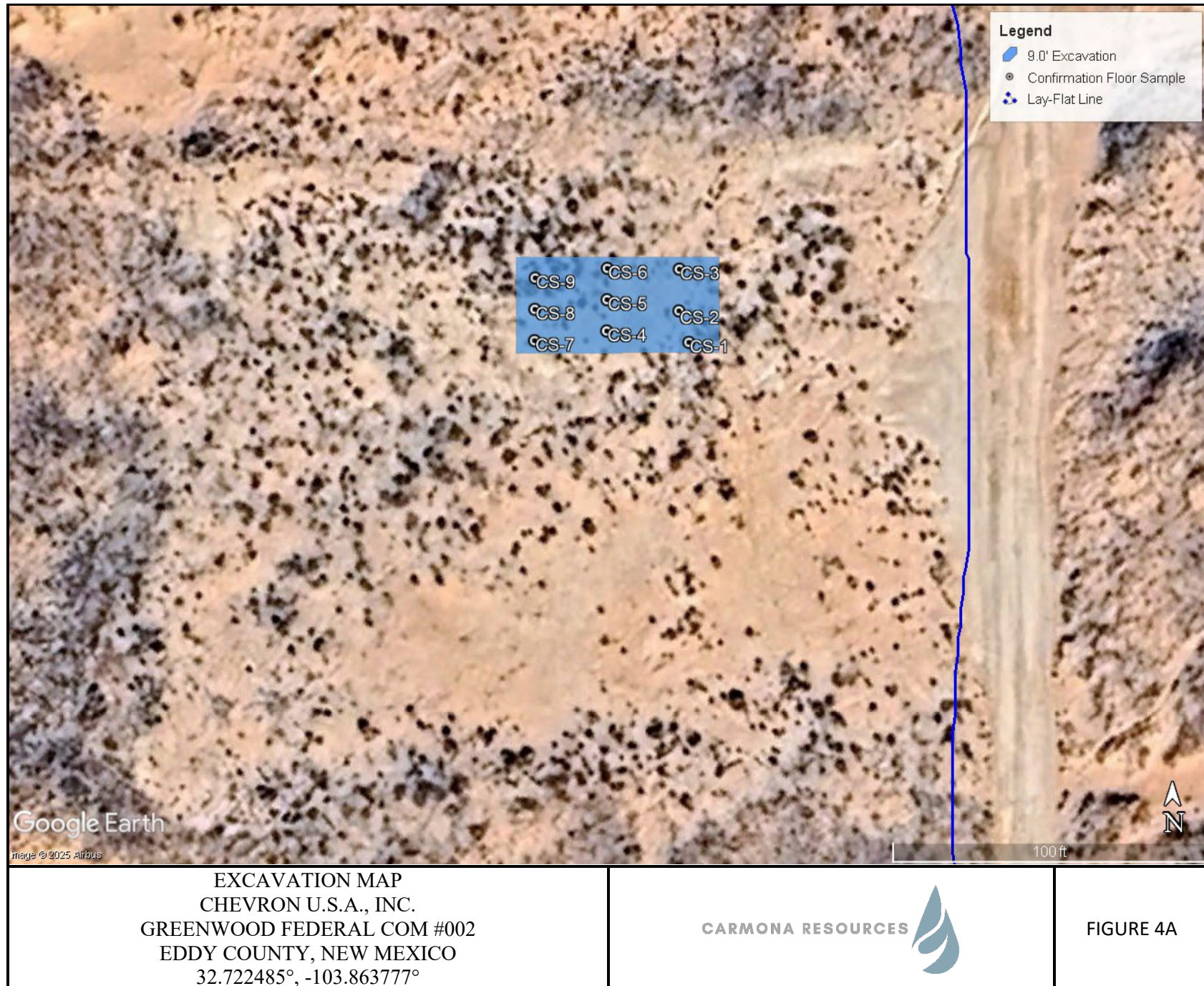
CARMONA RESOURCES

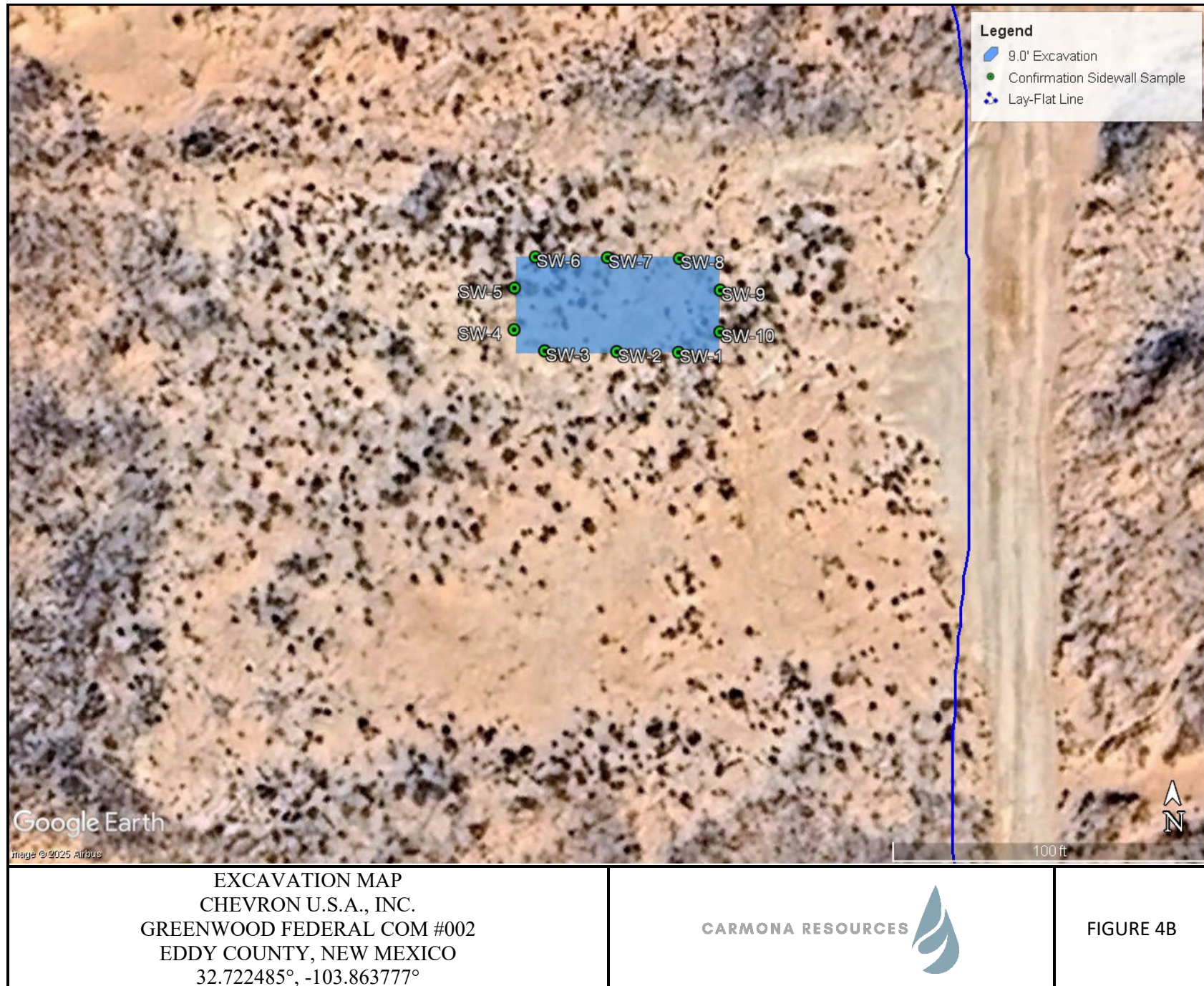


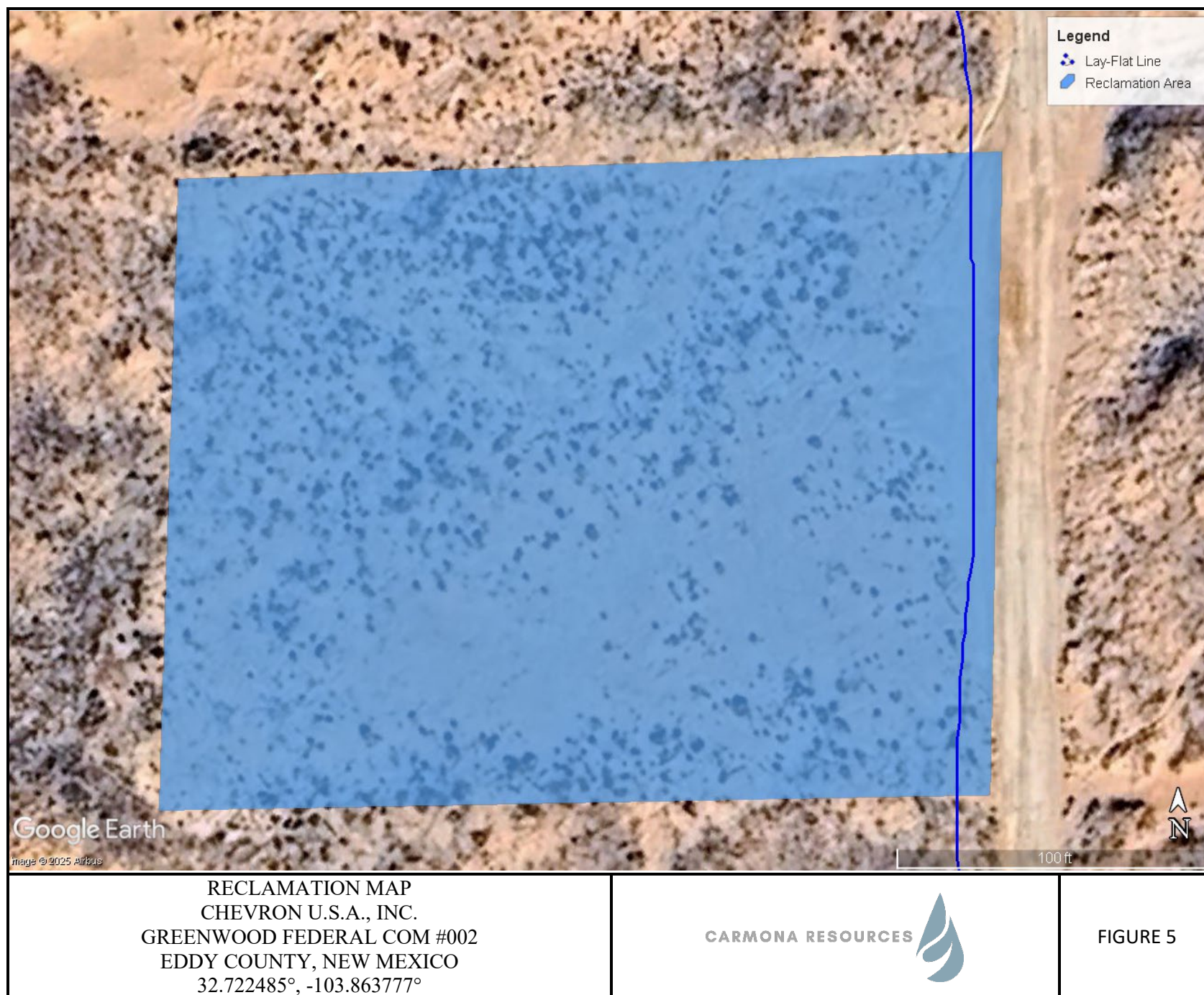
FIGURE 1











APPENDIX A

CARMONA RESOURCES



Table 1
Chevron
Greenwood Federal Com #002
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						
S-1	12/11/2024	0-1.0'	<49.7	124	<49.7	124	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	5,360
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,960
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	3,530
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,220
	"	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	2,690
	"	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,020
	"	6.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,260
S-2	12/11/2024	0-1.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	39.3
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	43.9
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	438
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	330
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	403
S-3	12/11/2024	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	19.5
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	84.1
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	65.2
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	68.3
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	120
S-4	12/11/2024	0-1.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	22.7
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	36.7
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	69.0
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	169
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	130
S-5	12/11/2024	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	34.1
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	46.1
	"	3.0'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	104
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	87.3
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	95.4
S-6	12/11/2024	0-1.0'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	20.9
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	17.6
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	60.1
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	80.5
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	20.8
S-7	12/11/2024	0-1.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	39.9
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1.88
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	53.0
	"	4.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	0.00217	<0.00200	<0.00400	<0.00400	75.3
	"	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	67.4
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) - Sample Point

Exceeds

Table 1
Chevron
Greenwood Federal Com #002
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	12/11/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	96.6
H-2	12/11/2024	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	43.4
H-3	12/11/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	36.5
H-4	12/11/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	78.6
Regulatory Criteria^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(H) Horizontal Sample

Table 2
Chevron
Greenwood Federal Com #002
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-2	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-3	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-4	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-5	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-6	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-7	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-8	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-9	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
SW-1	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
SW-2	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-3	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-4	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
SW-5	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
SW-6	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-7	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-8	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-9	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
SW-10	1/28/2025	9.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
Backfill Sample	1/27/2025	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	13.2
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

(SW) SideWall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

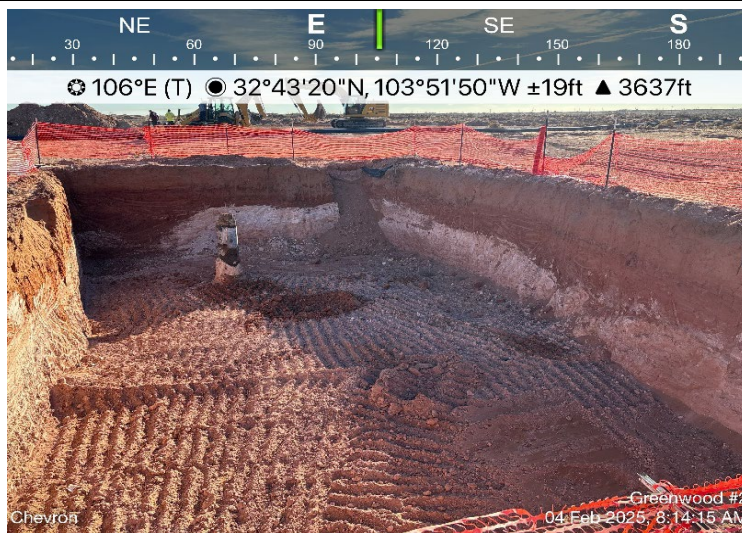
Photograph No. 1

Facility: GREENWOOD FEDERAL COM #002

County: Eddy County, New Mexico

Description:

View East, Area of CS-1 through CS-9.



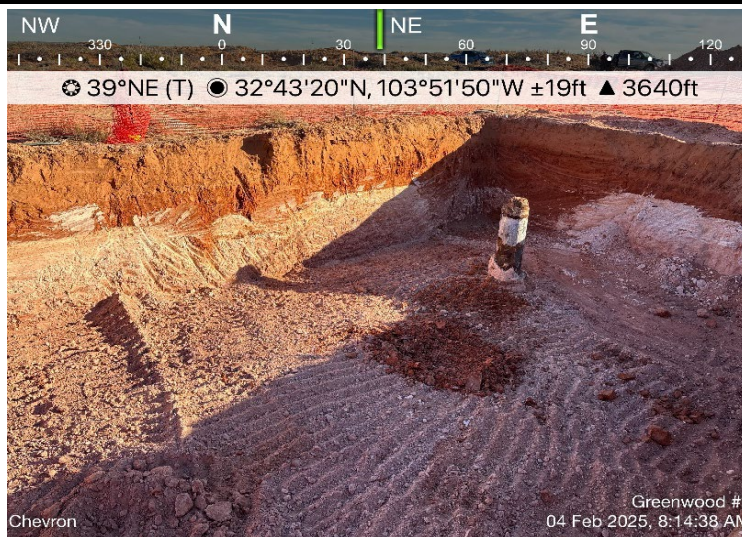
Photograph No. 2

Facility: GREENWOOD FEDERAL COM #002

County: Eddy County, New Mexico

Description:

View Northeast, Area of CS-1 through CS-9.



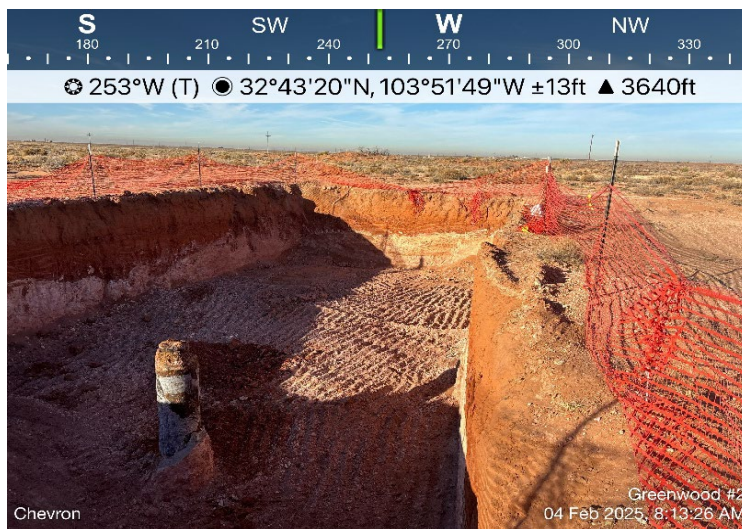
Photograph No. 3

Facility: GREENWOOD FEDERAL COM #002

County: Eddy County, New Mexico

Description:

View West, Area of CS-1 through CS-9.



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 4

Facility: GREENWOOD FEDERAL COM
#002

County: Eddy County, New Mexico

Description:

View West of backfilled and reclaimed well pad.



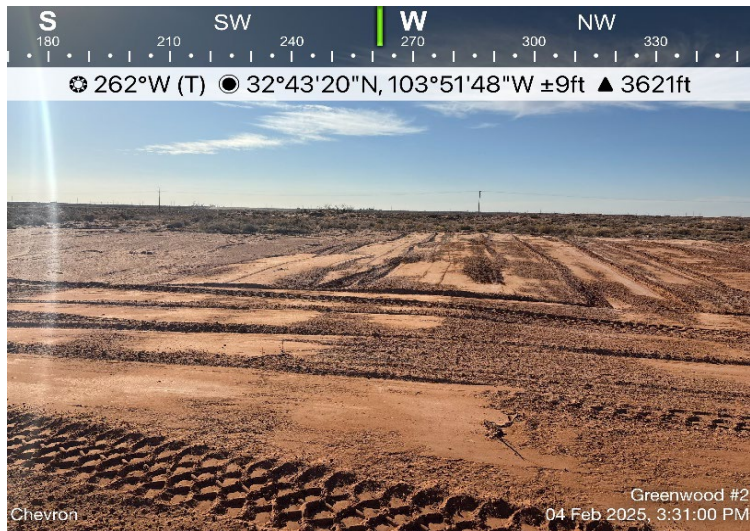
Photograph No. 5

Facility: GREENWOOD FEDERAL COM
#002

County: Eddy County, New Mexico

Description:

View West of backfilled and reclaimed well pad.



Photograph No. 6

Facility: GREENWOOD FEDERAL COM
#002

County: Eddy County, New Mexico

Description:

View North of backfilled and reclaimed well pad.



PHOTOGRAPHIC LOG
Chevron U.S.A., Inc.

Photograph No. 7

Facility: GREENWOOD FEDERAL COM #002

County: Eddy County, New Mexico

Description:
View South of backfilled and reclaimed well pad.

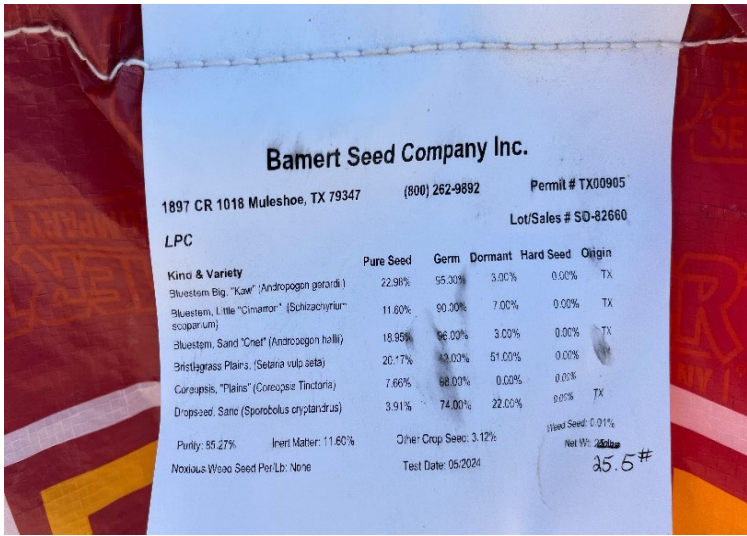


Photograph No. 8

Facility: GREENWOOD FEDERAL COM #002

County: Eddy County, New Mexico

Description:
Seed Mix



APPENDIX C

CARMONA RESOURCES



Proposed Sample Location Map

Chevron U.S.A., Inc.
NTWG1027039130
Greenwood Federal Com #002
32.722485°, -103.863777°
Eddy County, New Mexico

Collect hand auger samples to a depth of 4'-5', or to refusal due to lithology.
Remediate any areas that exceed current 19.15.29.12/13 standards.

(current imagery)

Legend

●

Proposed Sample Point



Proposed Sample Location Map

Chevron U.S.A., Inc.
NTWG1027039130
Greenwood Federal Com #002
32.722485°, -103.863777°
Eddy County, New Mexico

Collect hand auger samples to a depth of 4'-5', or to refusal due to lithology.
Remediate any areas that exceed current 19.15.29.12/13 standards.

(current imagery)

Legend

 Proposed Sample Point



Ashton Thielke

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Thursday, December 5, 2024 9:41 AM
To: Ashton Thielke
Cc: Barnhill, Amy; Gilbert Priego
Subject: RE: [EXTERNAL] GREENWOOD FEDERAL COM #002 - NTWG1027039130 - Proposed Sampling Plan
Attachments: GREENWOOD FEDERAL COM #002 - NTWG1027039130 - Proposed Sample Map(s).pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Good morning Ashton,

The proposed sampling plan is approved with the following conditions:

- OCD has added an additional sampling location (see approximate location of S-7 (red circle) on the attached map). This sampling location must be addressed in the same manner outlined in the proposed sampling plan below.
- All samples collected must meet the most stringent closure criteria found on Table I of 19.15.29 NMAC.
- Additional horizontal and vertical delineation must be completed past the proposed locations and depths if contamination is found above the most stringent closure criteria.
- Any contamination found above the most stringent closure criteria must be delineated and remediated pursuant to 19.15.29 NMAC.
- This site is no longer reasonably needed for production as it is plugged and abandoned. The site must meet the requirements of 19.15.29.13 NMAC.

Please include a copy of this email chain and the attached map in the next C-141 submittal.

Thank you,

Brittany Hall ● Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.517.5333 | Brittany.Hall@emnrd.nm.gov
<http://www.emnrd.nm.gov/oecd/>

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <https://www.emnrd.nm.gov/oecd/oecd-announcements-and-notifications/> under “2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS”.

The Digital C-141 guidance documents can be found at <https://www.emnrd.nm.gov/oecd/oecd-announcements-and-notifications/> or <https://www.emnrd.nm.gov/oecd/oecd-forms/>.

From: Ashton Thielke <ThielkeA@carmonaresources.com>
Sent: Wednesday, December 4, 2024 8:54 AM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Barnhill, Amy <ABarnhill@chevron.com>; Gilbert Priego <GilbertP@carmonaresources.com>
Subject: [EXTERNAL] GREENWOOD FEDERAL COM #002 - NTWG1027039130 - Proposed Sampling Plan

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

Good morning Brittany,

After our discussion over the phone, I have created a proposed sampling plan to address the historical staining that was found onsite throughout historical aerial imagery.

Page 1 of the attachment shows an image from 2012 with slight staining around the well head as well as locations of equipment.

Page 2 of the attachment shows the most recent image available from 2023 with vegetation regrowth onsite in line with background vegetation.

We are proposing to do the following tasks onsite to assess the entire area to determine if contamination from the spill incident was removed during or prior to reclamation activities:

- Two-business day notification will be given via filing a C-141N prior to the upcoming site assessment in the event that these samples will be utilized for closure. An additional C-141N will be submitted if remediation is required for composite confirmation sampling.
- Hang Auger six (6) sample locations to depths of 4-5' below ground surface, extending deeper if field tests result in chloride concentrations >600 mg/kg and TPH concentrations >100 mg/kg – Grab Samples.
- Samples will be collected in 1' intervals (0-1'), (2'), (3'), (4')...etc until chloride concentrations >600 mg/kg and TPH concentrations >100 mg/kg.
- All samples will be sent to the lab for analysis for BTEX, TPH, and Chloride by the methods found in Table 1 NMAC 19.15.29.
- If contamination is found onsite, horizontally delineate the contaminated area.
- If refusal is met prior to 4', additional equipment will need to be brought in order to fully delineate the release.
- After conducting a desktop review of the area, the strictest closure criteria (GW <50 feet) will be utilized for this site but may change if contamination is found and we can demonstrate that we will provide equal or better protection of fresh water, public health, and the environment.
- Include a copy of this email chain, including the approved proposed sampling map, in the next submittal.
- Depending on results of the site assessment, a closure report will be created or remediation/reclamation/revegetation will be completed within 90 days.

Let me know if you have any questions or concerns.

Ashton Thielke
Environmental Manager
310 West Wall Street, Suite 500
Midland TX, 79701
M: 432-813-8988 C: 281-753-5659
ThielkeA@carmonaresources.com
[Environmental Consulting Firm - Carmona Resources](#)

CARMONA RESOURCES



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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 421538

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 421538
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nTWG1027039130
Incident Name	NTWG1027039130 A @ 30-015-30680
Incident Type	Unavailable.
Incident Status	Closure Not Approved
Incident Well	[30-015-30680] GREENWOOD FEDERAL COM #002

Location of Release Source	
Site Name	Unavailable.
Date Release Discovered	01/01/1800
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	450
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/21/2025
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.7224846,-103.8637772) Carmona Resources will be onsite between 01/21/2025 to 01/25/2025 to excavate, collect confirmation samples, and reclaim this site that was affected by the historical release associated with this site.

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

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

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

CONDITIONS

Action 421538

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 421538
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
abarnhill	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.	1/16/2025

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 424792

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 424792
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nTWG1027039130
Incident Name	NTWG1027039130 A @ 30-015-30680
Incident Type	Unavailable.
Incident Status	Closure Not Approved
Incident Well	[30-015-30680] GREENWOOD FEDERAL COM #002

Location of Release Source	
Site Name	Unavailable.
Date Release Discovered	01/01/1800
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	450
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/28/2025
Time sampling will commence	10:00 AM
 Warning: Notification can not be less than two business days prior to conducting final sampling. 	
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	Coordinates: "(32.7224846, -103.8637772) Carmona Resources will continue to be onsite between 01/27/2025 to 1/29/2025 to excavate, collect confirmation samples, and reclaim this site that was affected by the historical release associated with this site.

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 424792

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 424792
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
Ityler	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.	1/27/2025

APPENDIX D

CARMONA RESOURCES



Nearest water well

Chevron USA

Legend

 0.50 Mile Radius

 1.71 Miles

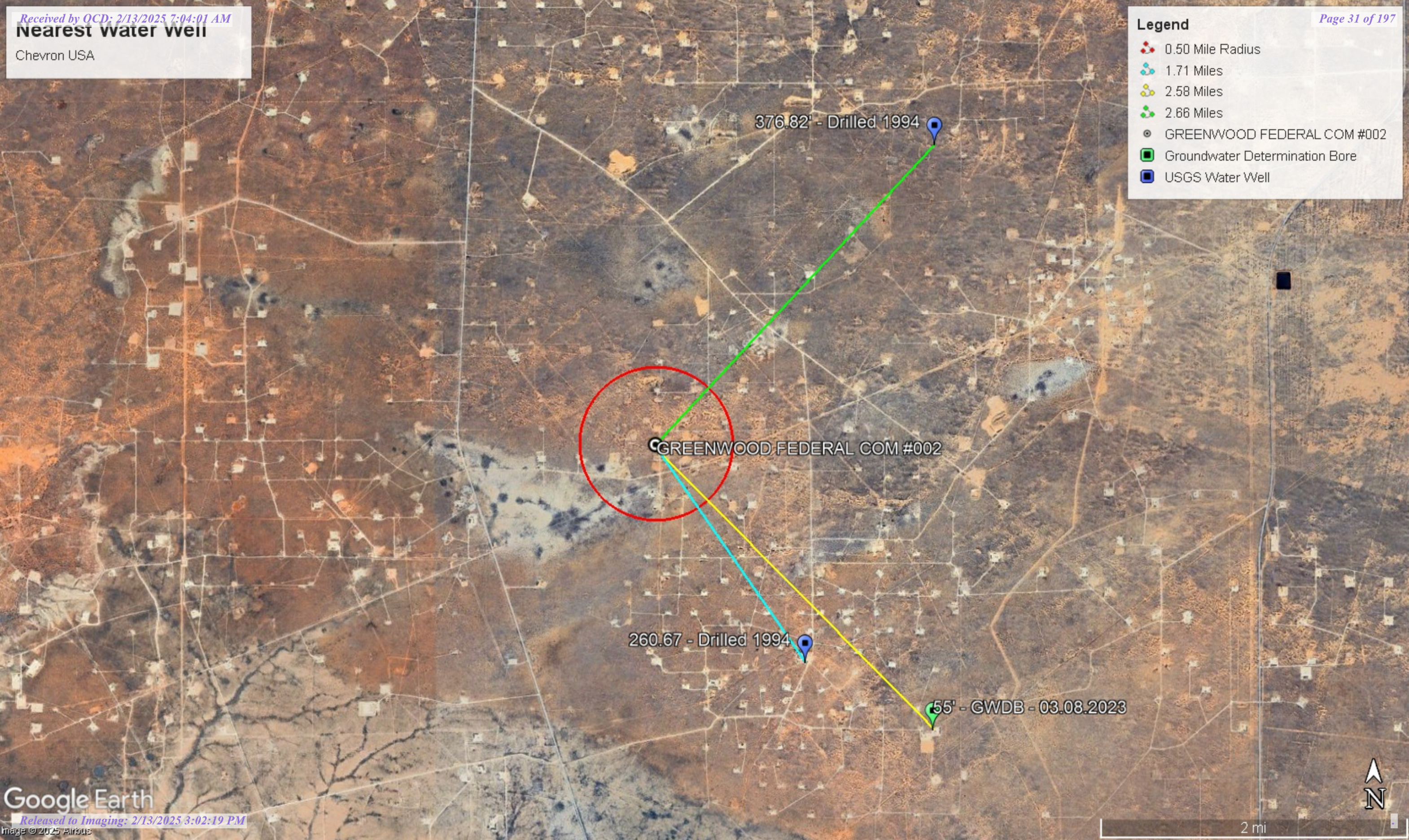
 2.58 Miles

 2.66 Miles

 GREENWOOD FEDERAL COM #002

 Groundwater Determination Bore

 USGS Water Well



Low Karst

Chevron USA

Legend

-  GREENWOOD FEDERAL COM #002
-  High
-  Low
-  Medium

GREENWOOD FEDERAL COM #002





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
CP 00849 POD1		CP	LE	SW	NW	SW	35	18S	31E	608012.0	3618757.0 *		2796	300		

Average Depth to Water: 0 feet

Minimum Depth: 0 feet

Maximum Depth: 0 feet

Record Count: 1

UTM Filters (in meters):

Easting: 606475.16

Northing: 3621092.99

Radius: 4000

* UTM location was derived from PLSS - see Help

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

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

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 324159103503801

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

USGS 324159103503801 18S.31E.35.31324

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

Output formats

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

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

Explanation

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

1/22/25, 10:51 AM

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Metho meast
Source of measurement		Not determined						
Water-level approval status			A	Approved for publication -- Processing and review completed.				

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



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Page Last Modified: 2025-01-22 11:51:36 EST
0.31 0.23 nadww01

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

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

Bottom of borehole at 55.0 feet.

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

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

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 324502103495801

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

USGS 324502103495801 18S.31E.14.22133

Eddy County, New Mexico
Latitude 32°45'02", Longitude 103°49'58" NAD27
Land-surface elevation 3,736 feet above NAVD88
The depth of the well is 400 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1965-12-08			D 62610		3445.40	NGVD29	1	Z			A
1965-12-08			D 62611		3446.95	NAVD88	1	Z			A
1965-12-08			D 72019	289.05			1	Z			A
1971-04-06			D 62610		3357.15	NGVD29	1	Z			A
1971-04-06			D 62611		3358.70	NAVD88	1	Z			A
1971-04-06			D 72019	377.30			1	Z			A
1976-05-27			D 62610		3357.53	NGVD29	1	Z			A
1976-05-27			D 62611		3359.08	NAVD88	1	Z			A
1976-05-27			D 72019	376.92			1	Z			A
1983-04-11			D 62610		3358.65	NGVD29	1	Z			A
1983-04-11			D 62611		3360.20	NAVD88	1	Z			A
1983-04-11			D 72019	375.80			1	Z			A
1987-01-26			D 62610		3357.39	NGVD29	1	S			A
1987-01-26			D 62611		3358.94	NAVD88	1	S			A
1987-01-26			D 72019	377.06			1	S			A
1990-09-25			D 62610		3357.81	NGVD29	1	S			A
1990-09-25			D 62611		3359.36	NAVD88	1	S			A
1990-09-25			D 72019	376.64			1	S			A
1994-03-07			D 62610		3357.63	NGVD29	1	S			A
1994-03-07			D 62611		3359.18	NAVD88	1	S			A
1994-03-07			D 72019	376.82			1	S			A

Explanation

Section	Code	Description
---------	------	-------------

1/22/25, 10:50 AM

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

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



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Page Last Modified: 2025-01-22 11:50:13 EST
0.33 0.23 nadww02

GREENWOOD FEDERAL COM #002

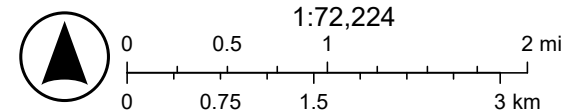


1/22/2025

USA Flood Hazard Areas

 1% Annual Chance Flood Hazard

World Hillshade



Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS, Esri, NASA, NGA,

APPENDIX E

CARMONA RESOURCES





Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/19/2024 10:59:06 AM

JOB DESCRIPTION

Greenwood Federal Com #002
Eddy Co NM

JOB NUMBER

880-52123-1

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
12/19/2024 10:59:06 AM

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

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Laboratory Job ID: 880-52123-1
SDG: Eddy Co NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	9
QC Sample Results	10
QC Association Summary	14
Lab Chronicle	16
Certification Summary	18
Method Summary	19
Sample Summary	20
Chain of Custody	21
Receipt Checklists	22

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52123-1
SDG: Eddy Co NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: Greenwood Federal Com #002

Job ID: 880-52123-1

Job ID: 880-52123-1

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Job Narrative 880-52123-1

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 12/11/2024 3:15 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.

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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-97703 and analytical batch 880-98179 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 duplicate (LCSD) recovery is within acceptance limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-97703 and analytical batch 880-98179 was outside the control limits.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-97703 and analytical batch 880-98179 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. These analytes were biased high in the LCS and were not detected in the associated samples; 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 for preparation batch 880-97699 and analytical batch 880-97720 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.

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52123-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-52123-1

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:44	12/12/24 17:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/12/24 10:44	12/12/24 17:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/12/24 10:44	12/12/24 17:46	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		12/12/24 10:44	12/12/24 17:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/12/24 10:44	12/12/24 17:46	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		12/12/24 10:44	12/12/24 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	12/12/24 10:44	12/12/24 17:46	1
1,4-Difluorobenzene (Surr)	89		70 - 130	12/12/24 10:44	12/12/24 17:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/12/24 17:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/18/24 23:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *	49.7		mg/Kg		12/12/24 09:40	12/18/24 23:46	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/12/24 09:40	12/18/24 23:46	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/12/24 09:40	12/18/24 23:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	12/12/24 09:40	12/18/24 23:46	1
o-Terphenyl	86		70 - 130	12/12/24 09:40	12/18/24 23:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.6		10.1		mg/Kg			12/12/24 16:53	1

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

Lab Sample ID: 880-52123-2

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:44	12/12/24 18:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/12/24 10:44	12/12/24 18:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/12/24 10:44	12/12/24 18:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/12/24 10:44	12/12/24 18:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/12/24 10:44	12/12/24 18:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/12/24 10:44	12/12/24 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	12/12/24 10:44	12/12/24 18:12	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/12/24 10:44	12/12/24 18:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52123-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-52123-2

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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			12/12/24 18:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/19/24 00:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/12/24 09:40	12/19/24 00:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/24 09:40	12/19/24 00:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/24 09:40	12/19/24 00:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				12/12/24 09:40	12/19/24 00:00	1
o-Terphenyl	84		70 - 130				12/12/24 09:40	12/19/24 00:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.4		10.0		mg/Kg			12/12/24 16:59	1

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

Lab Sample ID: 880-52123-3

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:44	12/12/24 18:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:44	12/12/24 18:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:44	12/12/24 18:39	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/12/24 10:44	12/12/24 18:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:44	12/12/24 18:39	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/12/24 10:44	12/12/24 18:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/12/24 10:44	12/12/24 18:39	1
1,4-Difluorobenzene (Surr)	91		70 - 130				12/12/24 10:44	12/12/24 18:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/12/24 18:39	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			12/19/24 00:16	1

Method: SW846 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		12/12/24 09:40	12/19/24 00:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:40	12/19/24 00:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52123-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-52123-3

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 09:40	12/19/24 00:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				12/12/24 09:40	12/19/24 00:16	1
o-Terphenyl	82		70 - 130				12/12/24 09:40	12/19/24 00:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.5		9.96		mg/Kg			12/12/24 17:22	1

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

Lab Sample ID: 880-52123-4

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:44	12/12/24 20:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 20:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 20:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/12/24 10:44	12/12/24 20:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 20:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/12/24 10:44	12/12/24 20:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				12/12/24 10:44	12/12/24 20:24	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/12/24 10:44	12/12/24 20:24	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			12/12/24 20:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/19/24 00:30	1

Method: SW846 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		12/12/24 09:40	12/19/24 00:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:40	12/19/24 00:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:40	12/19/24 00:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				12/12/24 09:40	12/19/24 00:30	1
o-Terphenyl	86		70 - 130				12/12/24 09:40	12/19/24 00:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.6		9.90		mg/Kg			12/12/24 17:28	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52123-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-52121-A-1-G MS	Matrix Spike	101	100
880-52121-A-1-H MSD	Matrix Spike Duplicate	102	99
880-52123-1	H-1 (0-0.5')	104	89
880-52123-2	H-2 (0-0.5')	107	92
880-52123-3	H-3 (0-0.5')	107	91
880-52123-4	H-4 (0-0.5')	118	95
LCS 880-97713/1-A	Lab Control Sample	88	96
LCSD 880-97713/2-A	Lab Control Sample Dup	102	101
MB 880-97713/5-A	Method Blank	83	86
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)
880-52122-A-14-E MS	Matrix Spike	101	83
880-52122-A-14-F MSD	Matrix Spike Duplicate	98	80
880-52123-1	H-1 (0-0.5')	99	86
880-52123-2	H-2 (0-0.5')	97	84
880-52123-3	H-3 (0-0.5')	96	82
880-52123-4	H-4 (0-0.5')	101	86
LCS 880-97703/2-A	Lab Control Sample	125	98
LCSD 880-97703/3-A	Lab Control Sample Dup	115	92
MB 880-97703/1-A	Method Blank	74	65 S1-
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52123-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-97713/5-A

Matrix: Solid

Analysis Batch: 97666

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 14:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 14:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 14:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/24 10:44	12/12/24 14:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 14:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/24 10:44	12/12/24 14:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	12/12/24 10:44	12/12/24 14:15	1
1,4-Difluorobenzene (Surr)	86		70 - 130	12/12/24 10:44	12/12/24 14:15	1

Lab Sample ID: LCS 880-97713/1-A

Matrix: Solid

Analysis Batch: 97666

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1017		mg/Kg		102	70 - 130
Toluene	0.100	0.09578		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09617		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1898		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09835		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-97713/2-A

Matrix: Solid

Analysis Batch: 97666

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97713

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1165		mg/Kg		116	70 - 130	13	35
Toluene	0.100	0.1078		mg/Kg		108	70 - 130	12	35
Ethylbenzene	0.100	0.1115		mg/Kg		111	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.2196		mg/Kg		110	70 - 130	15	35
o-Xylene	0.100	0.1135		mg/Kg		114	70 - 130	14	35

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

Lab Sample ID: 880-52121-A-1-G MS

Matrix: Solid

Analysis Batch: 97666

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 97713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.101	0.1039		mg/Kg		103	70 - 130
Toluene	<0.00200	U	0.101	0.09711		mg/Kg		96	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52123-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-52121-A-1-G MS
Matrix: Solid
Analysis Batch: 97666

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 97713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.101	0.09615		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.202	0.1889		mg/Kg		94	70 - 130
o-Xylene	<0.00200	U	0.101	0.09864		mg/Kg		98	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	101		70 - 130						
1,4-Difluorobenzene (Surr)	100		70 - 130						

Lab Sample ID: 880-52121-A-1-H MSD
Matrix: Solid
Analysis Batch: 97666

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 97713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0998	0.1091		mg/Kg		109	70 - 130	5	35
Toluene	<0.00200	U	0.0998	0.1027		mg/Kg		103	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.0998	0.1008		mg/Kg		101	70 - 130	5	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1987		mg/Kg		100	70 - 130	5	35
o-Xylene	<0.00200	U	0.0998	0.1024		mg/Kg		103	70 - 130	4	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	102		70 - 130								
1,4-Difluorobenzene (Surr)	99		70 - 130								

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

Lab Sample ID: MB 880-97703/1-A
Matrix: Solid
Analysis Batch: 98179

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 97703

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		12/12/24 09:40	12/18/24 19:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:40	12/18/24 19:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:40	12/18/24 19:33	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	74		70 - 130						
o-Terphenyl	65	S1-	70 - 130						

Lab Sample ID: LCS 880-97703/2-A
Matrix: Solid
Analysis Batch: 98179

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 97703

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1308	*+	mg/Kg		131	70 - 130
Diesel Range Organics (Over C10-C28)	1000	988.7		mg/Kg		99	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52123-1
SDG: Eddy Co NM

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

Lab Sample ID: LCS 880-97703/2-A

Matrix: Solid

Analysis Batch: 98179

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97703

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	125		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: LCSD 880-97703/3-A

Matrix: Solid

Analysis Batch: 98179

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97703

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1098		mg/Kg		110	70 - 130	17	20
Diesel Range Organics (Over C10-C28)	1000	869.0		mg/Kg		87	70 - 130	13	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	115		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: 880-52122-A-14-E MS

Matrix: Solid

Analysis Batch: 98179

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 97703

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 **	995	847.7		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	642.7	F1	mg/Kg		65	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	83		70 - 130

Lab Sample ID: 880-52122-A-14-F MSD

Matrix: Solid

Analysis Batch: 98179

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 97703

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 **	995	796.0		mg/Kg		80	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	607.2	F1	mg/Kg		61	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	80		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52123-1
SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-97699/1-A

Matrix: Solid

Analysis Batch: 97720

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			12/12/24 14:55	1

Lab Sample ID: LCS 880-97699/2-A

Matrix: Solid

Analysis Batch: 97720

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-97699/3-A

Matrix: Solid

Analysis Batch: 97720

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	0	20

Lab Sample ID: 880-52122-A-24-B MS

Matrix: Solid

Analysis Batch: 97720

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	3680	F1	1250	5694	F1	mg/Kg		161	90 - 110

Lab Sample ID: 880-52122-A-24-C MSD

Matrix: Solid

Analysis Batch: 97720

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	3680	F1	1250	5700	F1	mg/Kg		161	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52123-1
SDG: Eddy Co NM

GC VOA

Analysis Batch: 97666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52123-1	H-1 (0-0.5')	Total/NA	Solid	8021B	97713
880-52123-2	H-2 (0-0.5')	Total/NA	Solid	8021B	97713
880-52123-3	H-3 (0-0.5')	Total/NA	Solid	8021B	97713
880-52123-4	H-4 (0-0.5')	Total/NA	Solid	8021B	97713
MB 880-97713/5-A	Method Blank	Total/NA	Solid	8021B	97713
LCS 880-97713/1-A	Lab Control Sample	Total/NA	Solid	8021B	97713
LCSD 880-97713/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97713
880-52121-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	97713
880-52121-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	97713

Prep Batch: 97713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52123-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-52123-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-52123-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-52123-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-97713/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97713/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97713/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-52121-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
880-52121-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 97874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52123-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-52123-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-52123-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-52123-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 97703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52123-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-52123-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-52123-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-52123-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-97703/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-97703/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-97703/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-52122-A-14-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-52122-A-14-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52123-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	97703
880-52123-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	97703
880-52123-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	97703
880-52123-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	97703
MB 880-97703/1-A	Method Blank	Total/NA	Solid	8015B NM	97703
LCS 880-97703/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	97703

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52123-1
SDG: Eddy Co NM

GC Semi VOA (Continued)

Analysis Batch: 98179 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-97703/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	97703
880-52122-A-14-E MS	Matrix Spike	Total/NA	Solid	8015B NM	97703
880-52122-A-14-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	97703

Analysis Batch: 98271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52123-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-52123-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-52123-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-52123-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 97699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52123-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-52123-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-52123-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-52123-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-97699/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-97699/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-97699/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-52122-A-24-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-52122-A-24-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 97720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52123-1	H-1 (0-0.5')	Soluble	Solid	300.0	97699
880-52123-2	H-2 (0-0.5')	Soluble	Solid	300.0	97699
880-52123-3	H-3 (0-0.5')	Soluble	Solid	300.0	97699
880-52123-4	H-4 (0-0.5')	Soluble	Solid	300.0	97699
MB 880-97699/1-A	Method Blank	Soluble	Solid	300.0	97699
LCS 880-97699/2-A	Lab Control Sample	Soluble	Solid	300.0	97699
LCSD 880-97699/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	97699
880-52122-A-24-B MS	Matrix Spike	Soluble	Solid	300.0	97699
880-52122-A-24-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	97699

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52123-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-52123-1

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	97713	12/12/24 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97666	12/12/24 17:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97874	12/12/24 17:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			98271	12/18/24 23:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/18/24 23:46	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97720	12/12/24 16:53	CH	EET MID

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

Lab Sample ID: 880-52123-2

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97713	12/12/24 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97666	12/12/24 18:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97874	12/12/24 18:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			98271	12/19/24 00:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/19/24 00:00	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97720	12/12/24 16:59	CH	EET MID

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

Lab Sample ID: 880-52123-3

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	97713	12/12/24 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97666	12/12/24 18:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97874	12/12/24 18:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			98271	12/19/24 00:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/19/24 00:16	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97720	12/12/24 17:22	CH	EET MID

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

Lab Sample ID: 880-52123-4

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97713	12/12/24 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97666	12/12/24 20:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97874	12/12/24 20:24	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52123-1
SDG: Eddy Co NM

Client Sample ID: H-4 (0-0.5')
Date Collected: 12/11/24 00:00
Date Received: 12/11/24 15:15

Lab Sample ID: 880-52123-4
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			98271	12/19/24 00:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/19/24 00:30	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97720	12/12/24 17:28	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: Greenwood Federal Com #002

Job ID: 880-52123-1
SDG: Eddy Co NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	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

- 1
- 2
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- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52123-1
SDG: Eddy Co NM

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

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52123-1
SDG: Eddy Co NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-52123-1	H-1 (0-0.5')	Solid	12/11/24 00:00	12/11/24 15:15
880-52123-2	H-2 (0-0.5')	Solid	12/11/24 00:00	12/11/24 15:15
880-52123-3	H-3 (0-0.5')	Solid	12/11/24 00:00	12/11/24 15:15
880-52123-4	H-4 (0-0.5')	Solid	12/11/24 00:00	12/11/24 15:15

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Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

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



880-52123 Chain of Custody

[illegible]

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 		12-11-21	2		
3			4		
5			6		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-52123-1

SDG Number: Eddy Co NM

Login Number: 52123

List Number: 1

Creator: Kramer, Jessica

List Source: Eurofins Midland

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



Environment Testing

- 1
- 2
- 3
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- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/19/2024 10:59:55 AM

JOB DESCRIPTION

Greenwood Federal Com #002
Eddy Co NM

JOB NUMBER

880-52124-1

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
12/19/2024 10:59:55 AM

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

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Laboratory Job ID: 880-52124-1
SDG: Eddy Co NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	6
Client Sample Results	8
Surrogate Summary	36
QC Sample Results	39
QC Association Summary	55
Lab Chronicle	65
Certification Summary	77
Method Summary	78
Sample Summary	79
Chain of Custody	80
Receipt Checklists	84

1

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Qualifiers

GC VOA

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

HPLC/IC

Qualifier	Qualifier Description
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)

Definitions/Glossary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Case Narrative

Client: Carmona Resources
Project: Greenwood Federal Com #002

Job ID: 880-52124-1

Job ID: 880-52124-1**Eurofins Midland**

Job Narrative
880-52124-1

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 12/11/2024 3:15 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.

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-6 (3') (880-52124-30). Evidence of matrix interferences is not obvious.

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-97717 and analytical batch 880-97795 recovered outside control limits for the following analytes: Benzene, Toluene, Ethylbenzene, m-Xylene & p-Xylene and o-Xylene. LCSD biased low, since only an acceptable LCS is required per the method the data has been qualified and reported.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-97717 and analytical batch 880-97795 was outside control limits. Sample matrix interference and/or non-homogeneity is suspected.

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 880-97706 and analytical batch 880-97954 was outside the control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-97706 and analytical batch 880-97954 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 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-6 (0-1') (880-52124-28), S-6 (2') (880-52124-29), S-6 (3') (880-52124-30), S-6 (4') (880-52124-31), S-6 (5') (880-52124-32), S-7 (0-1') (880-52124-33), S-7 (2') (880-52124-34), S-7 (4') (880-52124-36) and S-7 (5') (880-52124-37). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-97703 and analytical batch 880-98179 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 duplicate (LCSD) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-3 (0-1') (880-52124-13). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-97703 and analytical batch 880-98179 was outside the control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-97704 and analytical batch 880-98181 was outside the control limits.

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Greenwood Federal Com #002

Job ID: 880-52124-1

Job ID: 880-52124-1 (Continued)

Eurofins Midland

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-97704 and analytical batch 880-98181 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 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: S-3 (5') (880-52124-17). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-97703 and analytical batch 880-98179 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. These analytes were biased high in the LCS and were not detected in the associated samples; 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 for preparation batch 880-97762 and analytical batch 880-97771 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 880-97702 and analytical batch 880-97730 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 880-97699 and analytical batch 880-97720 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: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-52124-1

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:44	12/12/24 20:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 20:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 20:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/24 10:44	12/12/24 20:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 20:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/24 10:44	12/12/24 20:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	12/12/24 10:44	12/12/24 20:51	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/12/24 10:44	12/12/24 20:51	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			12/12/24 20:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	124		49.7		mg/Kg			12/19/24 00:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *	49.7		mg/Kg		12/12/24 09:40	12/19/24 00:45	1
Diesel Range Organics (Over C10-C28)	124		49.7		mg/Kg		12/12/24 09:40	12/19/24 00:45	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/12/24 09:40	12/19/24 00:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	12/12/24 09:40	12/19/24 00:45	1
o-Terphenyl	93		70 - 130	12/12/24 09:40	12/19/24 00:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5360		100		mg/Kg			12/12/24 17:34	10

Client Sample ID: S-1 (2')

Lab Sample ID: 880-52124-2

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:44	12/12/24 21:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:44	12/12/24 21:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:44	12/12/24 21:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/12/24 10:44	12/12/24 21:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:44	12/12/24 21:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/24 10:44	12/12/24 21:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	12/12/24 10:44	12/12/24 21:17	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/12/24 10:44	12/12/24 21:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-1 (2')

Lab Sample ID: 880-52124-2

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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			12/12/24 21:17	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			12/19/24 00:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/12/24 09:40	12/19/24 00:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:40	12/19/24 00:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/24 09:40	12/19/24 00:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/12/24 09:40	12/19/24 00:59	1
o-Terphenyl	75		70 - 130				12/12/24 09:40	12/19/24 00:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3960		49.6		mg/Kg			12/12/24 17:40	5

Client Sample ID: S-1 (3')

Lab Sample ID: 880-52124-3

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:44	12/12/24 21:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:44	12/12/24 21:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:44	12/12/24 21:44	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/12/24 10:44	12/12/24 21:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:44	12/12/24 21:44	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/12/24 10:44	12/12/24 21:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				12/12/24 10:44	12/12/24 21:44	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/12/24 10:44	12/12/24 21:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/12/24 21:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/19/24 01:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/12/24 09:40	12/19/24 01:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/24 09:40	12/19/24 01:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-1 (3')

Lab Sample ID: 880-52124-3

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 09:40	12/19/24 01:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				12/12/24 09:40	12/19/24 01:15	1
o-Terphenyl	101		70 - 130				12/12/24 09:40	12/19/24 01:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3530		49.6		mg/Kg			12/12/24 17:46	5

Client Sample ID: S-1 (4')

Lab Sample ID: 880-52124-4

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 16:00	12/13/24 17:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/24 16:00	12/13/24 17:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/24 16:00	12/13/24 17:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/12/24 16:00	12/13/24 17:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/24 16:00	12/13/24 17:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/24 16:00	12/13/24 17:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				12/12/24 16:00	12/13/24 17:07	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/12/24 16:00	12/13/24 17:07	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			12/13/24 17:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/19/24 01:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/12/24 09:40	12/19/24 01:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:40	12/19/24 01:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:40	12/19/24 01:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				12/12/24 09:40	12/19/24 01:29	1
o-Terphenyl	97		70 - 130				12/12/24 09:40	12/19/24 01:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2220		50.5		mg/Kg			12/12/24 17:52	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-1 (5')

Lab Sample ID: 880-52124-5

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/12/24 16:00	12/13/24 17:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 16:00	12/13/24 17:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 16:00	12/13/24 17:28	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/12/24 16:00	12/13/24 17:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 16:00	12/13/24 17:28	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/12/24 16:00	12/13/24 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	12/12/24 16:00	12/13/24 17:28	1
1,4-Difluorobenzene (Surr)	100		70 - 130	12/12/24 16:00	12/13/24 17:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/13/24 17:28	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			12/19/24 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	<49.8	U *	49.8		mg/Kg		12/12/24 09:40	12/19/24 01:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:40	12/19/24 01:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/24 09:40	12/19/24 01:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	12/12/24 09:40	12/19/24 01:43	1
o-Terphenyl	96		70 - 130	12/12/24 09:40	12/19/24 01:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2690		49.8		mg/Kg			12/12/24 17:58	5

Client Sample ID: S-1 (6')

Lab Sample ID: 880-52124-6

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 16:00	12/13/24 17:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/12/24 16:00	12/13/24 17:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/12/24 16:00	12/13/24 17:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/12/24 16:00	12/13/24 17:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/12/24 16:00	12/13/24 17:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/12/24 16:00	12/13/24 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	12/12/24 16:00	12/13/24 17:48	1
1,4-Difluorobenzene (Surr)	100		70 - 130	12/12/24 16:00	12/13/24 17:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-1 (6')

Lab Sample ID: 880-52124-6

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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			12/13/24 17:48	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			12/18/24 20:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/12/24 09:44	12/18/24 20:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		12/12/24 09:44	12/18/24 20:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/24 09:44	12/18/24 20:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				12/12/24 09:44	12/18/24 20:18	1
o-Terphenyl	74		70 - 130				12/12/24 09:44	12/18/24 20:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2020		49.9		mg/Kg			12/12/24 15:19	5

Client Sample ID: S-1 (6.5')

Lab Sample ID: 880-52124-7

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/12/24 16:00	12/13/24 18:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 16:00	12/13/24 18:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 16:00	12/13/24 18:09	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/12/24 16:00	12/13/24 18:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 16:00	12/13/24 18:09	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/12/24 16:00	12/13/24 18:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				12/12/24 16:00	12/13/24 18:09	1
1,4-Difluorobenzene (Surr)	99		70 - 130				12/12/24 16:00	12/13/24 18:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/13/24 18:09	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			12/18/24 21:02	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		12/12/24 09:44	12/18/24 21:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:44	12/18/24 21:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-1 (6.5')

Lab Sample ID: 880-52124-7

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 09:44	12/18/24 21:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/12/24 09:44	12/18/24 21:02	1
o-Terphenyl	90		70 - 130				12/12/24 09:44	12/18/24 21:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2260		49.6		mg/Kg			12/12/24 15:35	5

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

Lab Sample ID: 880-52124-8

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 16:00	12/13/24 18:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 16:00	12/13/24 18:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 16:00	12/13/24 18:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/12/24 16:00	12/13/24 18:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 16:00	12/13/24 18:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/12/24 16:00	12/13/24 18:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/12/24 16:00	12/13/24 18:29	1
1,4-Difluorobenzene (Surr)	99		70 - 130				12/12/24 16:00	12/13/24 18:29	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			12/13/24 18:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/18/24 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	<49.7	U	49.7		mg/Kg		12/12/24 09:44	12/18/24 21:17	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/12/24 09:44	12/18/24 21:17	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/12/24 09:44	12/18/24 21:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				12/12/24 09:44	12/18/24 21:17	1
o-Terphenyl	89		70 - 130				12/12/24 09:44	12/18/24 21:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.3		10.1		mg/Kg			12/12/24 15:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-2 (2')

Lab Sample ID: 880-52124-9

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 16:00	12/13/24 18:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/24 16:00	12/13/24 18:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/24 16:00	12/13/24 18:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/12/24 16:00	12/13/24 18:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/24 16:00	12/13/24 18:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/24 16:00	12/13/24 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	12/12/24 16:00	12/13/24 18:50	1
1,4-Difluorobenzene (Surr)	98		70 - 130	12/12/24 16:00	12/13/24 18:50	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			12/13/24 18:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/18/24 21:31	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	<50.0	U	50.0		mg/Kg		12/12/24 09:44	12/18/24 21:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:44	12/18/24 21:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:44	12/18/24 21:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	12/12/24 09:44	12/18/24 21:31	1
o-Terphenyl	88		70 - 130	12/12/24 09:44	12/18/24 21:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.9		9.94		mg/Kg			12/12/24 15:46	1

Client Sample ID: S-2 (3')

Lab Sample ID: 880-52124-10

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:42	12/12/24 21:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/12/24 21:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/12/24 21:58	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/12/24 10:42	12/12/24 21:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/12/24 21:58	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/12/24 10:42	12/12/24 21:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	12/12/24 10:42	12/12/24 21:58	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/12/24 10:42	12/12/24 21:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-2 (3')

Lab Sample ID: 880-52124-10

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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			12/12/24 21:58	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			12/18/24 21:47	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	<49.9	U	49.9		mg/Kg		12/12/24 09:44	12/18/24 21:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/24 09:44	12/18/24 21:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/24 09:44	12/18/24 21:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/12/24 09:44	12/18/24 21:47	1
o-Terphenyl	85		70 - 130				12/12/24 09:44	12/18/24 21:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	438		9.94		mg/Kg			12/12/24 15:51	1

Client Sample ID: S-2 (4')

Lab Sample ID: 880-52124-11

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/12/24 22:19	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/12/24 22:19	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/12/24 22:19	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/12/24 10:42	12/12/24 22:19	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/12/24 22:19	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/12/24 10:42	12/12/24 22:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				12/12/24 10:42	12/12/24 22:19	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/12/24 10:42	12/12/24 22:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/12/24 22:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/18/24 22:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/12/24 09:44	12/18/24 22:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:44	12/18/24 22:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-2 (4')

Date Collected: 12/11/24 00:00

Date Received: 12/11/24 15:15

Lab Sample ID: 880-52124-11

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/24 09:44	12/18/24 22:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				12/12/24 09:44	12/18/24 22:01	1
o-Terphenyl	81		70 - 130				12/12/24 09:44	12/18/24 22:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		9.96		mg/Kg			12/12/24 16:07	1

Client Sample ID: S-2 (5')

Date Collected: 12/11/24 00:00

Date Received: 12/11/24 15:15

Lab Sample ID: 880-52124-12

Matrix: Solid

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		12/12/24 10:42	12/12/24 22:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:42	12/12/24 22:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:42	12/12/24 22:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/12/24 10:42	12/12/24 22:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:42	12/12/24 22:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/24 10:42	12/12/24 22:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/12/24 10:42	12/12/24 22:39	1
1,4-Difluorobenzene (Surr)	92		70 - 130				12/12/24 10:42	12/12/24 22:39	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			12/12/24 22:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/18/24 22:16	1

Method: SW846 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		12/12/24 09:44	12/18/24 22:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/24 09:44	12/18/24 22:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/24 09:44	12/18/24 22:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/12/24 09:44	12/18/24 22:16	1
o-Terphenyl	90		70 - 130				12/12/24 09:44	12/18/24 22:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	403		10.0		mg/Kg			12/12/24 16:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-52124-13

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/12/24 22:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/12/24 22:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/12/24 22:59	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/12/24 10:42	12/12/24 22:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/12/24 22:59	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/12/24 10:42	12/12/24 22:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/12/24 10:42	12/12/24 22:59	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/12/24 10:42	12/12/24 22:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/12/24 22:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/18/24 22:31	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	<50.0	U	50.0		mg/Kg		12/12/24 09:44	12/18/24 22:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:44	12/18/24 22:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:44	12/18/24 22:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130	12/12/24 09:44	12/18/24 22:31	1
o-Terphenyl	70		70 - 130	12/12/24 09:44	12/18/24 22:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.5		10.0		mg/Kg			12/12/24 16:17	1

Client Sample ID: S-3 (2')

Lab Sample ID: 880-52124-14

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:42	12/12/24 23:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/12/24 23:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/12/24 23:20	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/12/24 10:42	12/12/24 23:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/12/24 23:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/12/24 10:42	12/12/24 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	12/12/24 10:42	12/12/24 23:20	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/12/24 10:42	12/12/24 23:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-3 (2')

Lab Sample ID: 880-52124-14

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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			12/12/24 23:20	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			12/18/24 22:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/12/24 09:44	12/18/24 22:46	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/12/24 09:44	12/18/24 22:46	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/12/24 09:44	12/18/24 22:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/12/24 09:44	12/18/24 22:46	1
o-Terphenyl	80		70 - 130				12/12/24 09:44	12/18/24 22:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.1		10.0		mg/Kg			12/12/24 16:23	1

Client Sample ID: S-3 (3')

Lab Sample ID: 880-52124-15

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:42	12/12/24 23:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/12/24 10:42	12/12/24 23:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/12/24 10:42	12/12/24 23:41	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/12/24 10:42	12/12/24 23:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/12/24 10:42	12/12/24 23:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/12/24 10:42	12/12/24 23:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				12/12/24 10:42	12/12/24 23:41	1
1,4-Difluorobenzene (Surr)	92		70 - 130				12/12/24 10:42	12/12/24 23:41	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			12/12/24 23:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/18/24 23:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/12/24 09:44	12/18/24 23:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:44	12/18/24 23:01	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-3 (3')
Date Collected: 12/11/24 00:00
Date Received: 12/11/24 15:15

Lab Sample ID: 880-52124-15
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:44	12/18/24 23:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				12/12/24 09:44	12/18/24 23:01	1
o-Terphenyl	78		70 - 130				12/12/24 09:44	12/18/24 23:01	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.2		9.96		mg/Kg			12/12/24 16:28	1

Client Sample ID: S-3 (4')
Date Collected: 12/11/24 00:00
Date Received: 12/11/24 15:15

Lab Sample ID: 880-52124-16
Matrix: Solid

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		12/12/24 10:42	12/13/24 00:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:42	12/13/24 00:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:42	12/13/24 00:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/12/24 10:42	12/13/24 00:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:42	12/13/24 00:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/24 10:42	12/13/24 00:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				12/12/24 10:42	12/13/24 00:01	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/12/24 10:42	12/13/24 00:01	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/13/24 00:01	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/18/24 23:31	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	<49.8	U	49.8		mg/Kg		12/12/24 09:44	12/18/24 23:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:44	12/18/24 23:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/24 09:44	12/18/24 23:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/12/24 09:44	12/18/24 23:31	1
o-Terphenyl	78		70 - 130				12/12/24 09:44	12/18/24 23:31	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.3	F1	9.98		mg/Kg			12/12/24 16:33	1

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-3 (5')

Lab Sample ID: 880-52124-17

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:42	12/13/24 00:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/12/24 10:42	12/13/24 00:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/12/24 10:42	12/13/24 00:21	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		12/12/24 10:42	12/13/24 00:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/12/24 10:42	12/13/24 00:21	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		12/12/24 10:42	12/13/24 00:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	12/12/24 10:42	12/13/24 00:21	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/12/24 10:42	12/13/24 00:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/13/24 00:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/18/24 23:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/12/24 09:44	12/18/24 23:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/24 09:44	12/18/24 23:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/24 09:44	12/18/24 23:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130	12/12/24 09:44	12/18/24 23:46	1
o-Terphenyl	68	S1-	70 - 130	12/12/24 09:44	12/18/24 23:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		9.98		mg/Kg			12/12/24 16:49	1

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

Lab Sample ID: 880-52124-18

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:42	12/13/24 00:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/12/24 10:42	12/13/24 00:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/12/24 10:42	12/13/24 00:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/12/24 10:42	12/13/24 00:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/12/24 10:42	12/13/24 00:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/12/24 10:42	12/13/24 00:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/12/24 10:42	12/13/24 00:42	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/12/24 10:42	12/13/24 00:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-52124-18

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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			12/13/24 00:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/19/24 00:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/12/24 09:44	12/19/24 00:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/24 09:44	12/19/24 00:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/24 09:44	12/19/24 00:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/12/24 09:44	12/19/24 00:00	1
o-Terphenyl	87		70 - 130				12/12/24 09:44	12/19/24 00:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.7		10.1		mg/Kg			12/12/24 16:54	1

Client Sample ID: S-4 (2')

Lab Sample ID: 880-52124-19

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/13/24 01:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/13/24 01:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/13/24 01:02	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/12/24 10:42	12/13/24 01:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/13/24 01:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/12/24 10:42	12/13/24 01:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				12/12/24 10:42	12/13/24 01:02	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/12/24 10:42	12/13/24 01:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/13/24 01:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/19/24 00:16	1

Method: SW846 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		12/12/24 09:44	12/19/24 00:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:44	12/19/24 00:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-4 (2')

Lab Sample ID: 880-52124-19

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 09:44	12/19/24 00:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				12/12/24 09:44	12/19/24 00:16	1
o-Terphenyl	80		70 - 130				12/12/24 09:44	12/19/24 00:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.7		10.0		mg/Kg			12/12/24 17:10	1

Client Sample ID: S-4 (3')

Lab Sample ID: 880-52124-20

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:42	12/13/24 02:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/13/24 02:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/13/24 02:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/12/24 10:42	12/13/24 02:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/13/24 02:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/12/24 10:42	12/13/24 02:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/12/24 10:42	12/13/24 02:25	1
1,4-Difluorobenzene (Surr)	92		70 - 130				12/12/24 10:42	12/13/24 02:25	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			12/13/24 02:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/19/24 00:30	1

Method: SW846 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		12/12/24 09:44	12/19/24 00:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:44	12/19/24 00:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:44	12/19/24 00:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				12/12/24 09:44	12/19/24 00:30	1
o-Terphenyl	102		70 - 130				12/12/24 09:44	12/19/24 00:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.0		9.98		mg/Kg			12/12/24 17:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-4 (4')

Lab Sample ID: 880-52124-21

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:42	12/13/24 02:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/13/24 02:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/13/24 02:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/24 10:42	12/13/24 02:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/13/24 02:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/24 10:42	12/13/24 02:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	12/12/24 10:42	12/13/24 02:46	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/12/24 10:42	12/13/24 02:46	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			12/13/24 02:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/19/24 00:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/12/24 09:44	12/19/24 00:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:44	12/19/24 00:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/24 09:44	12/19/24 00:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	12/12/24 09:44	12/19/24 00:45	1
o-Terphenyl	79		70 - 130	12/12/24 09:44	12/19/24 00:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	169		9.98		mg/Kg			12/12/24 17:21	1

Client Sample ID: S-4 (5')

Lab Sample ID: 880-52124-22

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:42	12/13/24 03:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:42	12/13/24 03:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:42	12/13/24 03:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/12/24 10:42	12/13/24 03:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/24 10:42	12/13/24 03:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/24 10:42	12/13/24 03:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/12/24 10:42	12/13/24 03:06	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/12/24 10:42	12/13/24 03:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-4 (5')

Lab Sample ID: 880-52124-22

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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			12/13/24 03:06	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			12/19/24 00:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/12/24 09:44	12/19/24 00:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/24 09:44	12/19/24 00:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/24 09:44	12/19/24 00:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/12/24 09:44	12/19/24 00:59	1
o-Terphenyl	87		70 - 130				12/12/24 09:44	12/19/24 00:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		10.0		mg/Kg			12/12/24 17:26	1

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

Lab Sample ID: 880-52124-23

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/13/24 03:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/13/24 03:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/13/24 03:27	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/12/24 10:42	12/13/24 03:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/13/24 03:27	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/12/24 10:42	12/13/24 03:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				12/12/24 10:42	12/13/24 03:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/12/24 10:42	12/13/24 03:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/13/24 03:27	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			12/19/24 01:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/12/24 09:44	12/19/24 01:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:44	12/19/24 01:15	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-52124-23

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 09:44	12/19/24 01:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/12/24 09:44	12/19/24 01:15	1
o-Terphenyl	85		70 - 130				12/12/24 09:44	12/19/24 01:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.1		9.94		mg/Kg			12/12/24 17:31	1

Client Sample ID: S-5 (2')

Lab Sample ID: 880-52124-24

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 10:42	12/13/24 03:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/12/24 10:42	12/13/24 03:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/12/24 10:42	12/13/24 03:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/12/24 10:42	12/13/24 03:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/12/24 10:42	12/13/24 03:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/12/24 10:42	12/13/24 03:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/12/24 10:42	12/13/24 03:47	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/12/24 10:42	12/13/24 03:47	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			12/13/24 03:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/19/24 01:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/12/24 09:44	12/19/24 01:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:44	12/19/24 01:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/24 09:44	12/19/24 01:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				12/12/24 09:44	12/19/24 01:29	1
o-Terphenyl	90		70 - 130				12/12/24 09:44	12/19/24 01:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.1		10.1		mg/Kg			12/12/24 17:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-5 (3')

Lab Sample ID: 880-52124-25

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/13/24 04:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/13/24 04:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/13/24 04:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/12/24 10:42	12/13/24 04:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 10:42	12/13/24 04:08	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/12/24 10:42	12/13/24 04:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	12/12/24 10:42	12/13/24 04:08	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/12/24 10:42	12/13/24 04:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/13/24 04:08	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			12/19/24 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		12/12/24 09:44	12/19/24 01:43	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/12/24 09:44	12/19/24 01:43	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/12/24 09:44	12/19/24 01:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	12/12/24 09:44	12/19/24 01:43	1
o-Terphenyl	90		70 - 130	12/12/24 09:44	12/19/24 01:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		9.94		mg/Kg			12/12/24 17:42	1

Client Sample ID: S-5 (4')

Lab Sample ID: 880-52124-26

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U F2 F1 *- *1	0.00202		mg/Kg		12/12/24 11:00	12/13/24 12:33	1
Toluene	<0.00202	U F2 F1 *- *1	0.00202		mg/Kg		12/12/24 11:00	12/13/24 12:33	1
Ethylbenzene	<0.00202	U F2 F1 *- *1	0.00202		mg/Kg		12/12/24 11:00	12/13/24 12:33	1
m-Xylene & p-Xylene	<0.00403	U F2 F1 *- *1	0.00403		mg/Kg		12/12/24 11:00	12/13/24 12:33	1
o-Xylene	<0.00202	U F2 F1 *- *1	0.00202		mg/Kg		12/12/24 11:00	12/13/24 12:33	1
Xylenes, Total	<0.00403	U *- *1 F1 F2	0.00403		mg/Kg		12/12/24 11:00	12/13/24 12:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-5 (4')

Lab Sample ID: 880-52124-26

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	12/12/24 11:00	12/13/24 12:33	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/12/24 11:00	12/13/24 12:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/13/24 12:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/16/24 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/12/24 09:47	12/16/24 13:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		12/12/24 09:47	12/16/24 13:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:47	12/16/24 13:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/12/24 09:47	12/16/24 13:59	1
o-Terphenyl	73		70 - 130				12/12/24 09:47	12/16/24 13:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.3	F1	9.94		mg/Kg			12/13/24 00:33	1

Client Sample ID: S-5 (5')

Lab Sample ID: 880-52124-27

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		12/12/24 11:00	12/13/24 12:59	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		12/12/24 11:00	12/13/24 12:59	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		12/12/24 11:00	12/13/24 12:59	1
m-Xylene & p-Xylene	<0.00401	U *- *1	0.00401		mg/Kg		12/12/24 11:00	12/13/24 12:59	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		12/12/24 11:00	12/13/24 12:59	1
Xylenes, Total	<0.00401	U *- *1	0.00401		mg/Kg		12/12/24 11:00	12/13/24 12:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				12/12/24 11:00	12/13/24 12:59	1
1,4-Difluorobenzene (Surr)	86		70 - 130				12/12/24 11:00	12/13/24 12:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/13/24 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	<50.0	U	50.0		mg/Kg			12/16/24 14:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-5 (5')

Lab Sample ID: 880-52124-27

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

Method: SW846 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		12/12/24 09:47	12/16/24 14:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:47	12/16/24 14:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:47	12/16/24 14:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/12/24 09:47	12/16/24 14:58	1
o-Terphenyl	75		70 - 130	12/12/24 09:47	12/16/24 14:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.4		9.96		mg/Kg			12/13/24 00:49	1

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

Lab Sample ID: 880-52124-28

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *- *1	0.00198		mg/Kg		12/12/24 11:00	12/13/24 13:26	1
Toluene	<0.00198	U *- *1	0.00198		mg/Kg		12/12/24 11:00	12/13/24 13:26	1
Ethylbenzene	<0.00198	U *- *1	0.00198		mg/Kg		12/12/24 11:00	12/13/24 13:26	1
m-Xylene & p-Xylene	<0.00396	U *- *1	0.00396		mg/Kg		12/12/24 11:00	12/13/24 13:26	1
o-Xylene	<0.00198	U *- *1	0.00198		mg/Kg		12/12/24 11:00	12/13/24 13:26	1
Xylenes, Total	<0.00396	U *- *1	0.00396		mg/Kg		12/12/24 11:00	12/13/24 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	12/12/24 11:00	12/13/24 13:26	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/12/24 11:00	12/13/24 13:26	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			12/13/24 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/16/24 15:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/12/24 09:47	12/16/24 15:12	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/12/24 09:47	12/16/24 15:12	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/12/24 09:47	12/16/24 15:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	12/12/24 09:47	12/16/24 15:12	1
o-Terphenyl	69	S1-	70 - 130	12/12/24 09:47	12/16/24 15:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-52124-28

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.9		9.94		mg/Kg			12/13/24 00:55	1

Client Sample ID: S-6 (2')

Lab Sample ID: 880-52124-29

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		12/12/24 11:00	12/13/24 13:52	1
Toluene	<0.00199	U *- *1	0.00199		mg/Kg		12/12/24 11:00	12/13/24 13:52	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		12/12/24 11:00	12/13/24 13:52	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		12/12/24 11:00	12/13/24 13:52	1
o-Xylene	<0.00199	U *- *1	0.00199		mg/Kg		12/12/24 11:00	12/13/24 13:52	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		12/12/24 11:00	12/13/24 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/12/24 11:00	12/13/24 13:52	1
1,4-Difluorobenzene (Surr)	86		70 - 130	12/12/24 11:00	12/13/24 13:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/13/24 13:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/16/24 15:27	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	<49.8	U	49.8		mg/Kg		12/12/24 09:47	12/16/24 15:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:47	12/16/24 15:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/24 09:47	12/16/24 15:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	12/12/24 09:47	12/16/24 15:27	1
o-Terphenyl	69	S1-	70 - 130	12/12/24 09:47	12/16/24 15:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.6		9.96		mg/Kg			12/13/24 01:00	1

Client Sample ID: S-6 (3')

Lab Sample ID: 880-52124-30

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *- *1	0.00198		mg/Kg		12/12/24 11:00	12/13/24 14:19	1
Toluene	<0.00198	U *- *1	0.00198		mg/Kg		12/12/24 11:00	12/13/24 14:19	1
Ethylbenzene	<0.00198	U *- *1	0.00198		mg/Kg		12/12/24 11:00	12/13/24 14:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-6 (3')

Lab Sample ID: 880-52124-30

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00397	U *- *1	0.00397		mg/Kg		12/12/24 11:00	12/13/24 14:19	1
o-Xylene	<0.00198	U *- *1	0.00198		mg/Kg		12/12/24 11:00	12/13/24 14:19	1
Xylenes, Total	<0.00397	U *- *1	0.00397		mg/Kg		12/12/24 11:00	12/13/24 14:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130				12/12/24 11:00	12/13/24 14:19	1
1,4-Difluorobenzene (Surr)	100		70 - 130				12/12/24 11:00	12/13/24 14:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/13/24 14:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/16/24 15:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/12/24 09:47	12/16/24 15:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/24 09:47	12/16/24 15:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/24 09:47	12/16/24 15:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/12/24 09:47	12/16/24 15:41	1
o-Terphenyl	65	S1-	70 - 130				12/12/24 09:47	12/16/24 15:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.1		9.94		mg/Kg			12/13/24 01:05	1

Client Sample ID: S-6 (4')

Lab Sample ID: 880-52124-31

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *- *1	0.00201		mg/Kg		12/12/24 11:00	12/13/24 14:45	1
Toluene	<0.00201	U *- *1	0.00201		mg/Kg		12/12/24 11:00	12/13/24 14:45	1
Ethylbenzene	<0.00201	U *- *1	0.00201		mg/Kg		12/12/24 11:00	12/13/24 14:45	1
m-Xylene & p-Xylene	<0.00402	U *- *1	0.00402		mg/Kg		12/12/24 11:00	12/13/24 14:45	1
o-Xylene	<0.00201	U *- *1	0.00201		mg/Kg		12/12/24 11:00	12/13/24 14:45	1
Xylenes, Total	<0.00402	U *- *1	0.00402		mg/Kg		12/12/24 11:00	12/13/24 14:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				12/12/24 11:00	12/13/24 14:45	1
1,4-Difluorobenzene (Surr)	91		70 - 130				12/12/24 11:00	12/13/24 14:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/13/24 14:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-6 (4')

Lab Sample ID: 880-52124-31

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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			12/16/24 15:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/12/24 09:47	12/16/24 15:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:47	12/16/24 15:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:47	12/16/24 15:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/12/24 09:47	12/16/24 15:56	1
o-Terphenyl	69	S1-	70 - 130				12/12/24 09:47	12/16/24 15:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.5		10.0		mg/Kg			12/13/24 01:21	1

Client Sample ID: S-6 (5')

Lab Sample ID: 880-52124-32

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *- *1	0.00202		mg/Kg		12/12/24 11:00	12/13/24 15:11	1
Toluene	<0.00202	U *- *1	0.00202		mg/Kg		12/12/24 11:00	12/13/24 15:11	1
Ethylbenzene	<0.00202	U *- *1	0.00202		mg/Kg		12/12/24 11:00	12/13/24 15:11	1
m-Xylene & p-Xylene	<0.00404	U *- *1	0.00404		mg/Kg		12/12/24 11:00	12/13/24 15:11	1
o-Xylene	<0.00202	U *- *1	0.00202		mg/Kg		12/12/24 11:00	12/13/24 15:11	1
Xylenes, Total	<0.00404	U *- *1	0.00404		mg/Kg		12/12/24 11:00	12/13/24 15:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/12/24 11:00	12/13/24 15:11	1
1,4-Difluorobenzene (Surr)	89		70 - 130				12/12/24 11:00	12/13/24 15:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/13/24 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/16/24 16:10	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		12/12/24 09:47	12/16/24 16:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:47	12/16/24 16:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:47	12/16/24 16:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				12/12/24 09:47	12/16/24 16:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-6 (5')

Date Collected: 12/11/24 00:00

Date Received: 12/11/24 15:15

Lab Sample ID: 880-52124-32

Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	69	S1-	70 - 130	12/12/24 09:47	12/16/24 16:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.8		9.96		mg/Kg			12/13/24 01:37	1

Client Sample ID: S-7 (0-1')

Date Collected: 12/11/24 00:00

Date Received: 12/11/24 15:15

Lab Sample ID: 880-52124-33

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		12/12/24 11:00	12/13/24 15:38	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		12/12/24 11:00	12/13/24 15:38	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		12/12/24 11:00	12/13/24 15:38	1
m-Xylene & p-Xylene	<0.00401	U *- *1	0.00401		mg/Kg		12/12/24 11:00	12/13/24 15:38	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		12/12/24 11:00	12/13/24 15:38	1
Xylenes, Total	<0.00401	U *- *1	0.00401		mg/Kg		12/12/24 11:00	12/13/24 15:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				12/12/24 11:00	12/13/24 15:38	1
1,4-Difluorobenzene (Surr)	89		70 - 130				12/12/24 11:00	12/13/24 15:38	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			12/13/24 15:38	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			12/16/24 16:24	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	<49.9	U	49.9		mg/Kg		12/12/24 09:47	12/16/24 16:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/12/24 09:47	12/16/24 16:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/12/24 09:47	12/16/24 16:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				12/12/24 09:47	12/16/24 16:24	1
o-Terphenyl	66	S1-	70 - 130				12/12/24 09:47	12/16/24 16:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.9		10.0		mg/Kg			12/13/24 01:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-7 (2')

Lab Sample ID: 880-52124-34

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		12/12/24 11:00	12/13/24 16:04	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		12/12/24 11:00	12/13/24 16:04	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		12/12/24 11:00	12/13/24 16:04	1
m-Xylene & p-Xylene	<0.00400	U *- *1	0.00400		mg/Kg		12/12/24 11:00	12/13/24 16:04	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		12/12/24 11:00	12/13/24 16:04	1
Xylenes, Total	<0.00400	U *- *1	0.00400		mg/Kg		12/12/24 11:00	12/13/24 16:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	12/12/24 11:00	12/13/24 16:04	1
1,4-Difluorobenzene (Surr)	87		70 - 130	12/12/24 11:00	12/13/24 16:04	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			12/13/24 16:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/16/24 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/12/24 09:47	12/16/24 16:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:47	12/16/24 16:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:47	12/16/24 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	12/12/24 09:47	12/16/24 16:39	1
o-Terphenyl	64	S1-	70 - 130	12/12/24 09:47	12/16/24 16:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.88		1.11		mg/Kg			12/13/24 01:31	1

Client Sample ID: S-7 (3')

Lab Sample ID: 880-52124-35

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		12/12/24 11:00	12/13/24 16:30	1
Toluene	<0.00199	U *- *1	0.00199		mg/Kg		12/12/24 11:00	12/13/24 16:30	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		12/12/24 11:00	12/13/24 16:30	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		12/12/24 11:00	12/13/24 16:30	1
o-Xylene	<0.00199	U *- *1	0.00199		mg/Kg		12/12/24 11:00	12/13/24 16:30	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		12/12/24 11:00	12/13/24 16:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	12/12/24 11:00	12/13/24 16:30	1
1,4-Difluorobenzene (Surr)	103		70 - 130	12/12/24 11:00	12/13/24 16:30	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-7 (3')

Lab Sample ID: 880-52124-35

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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			12/13/24 16:30	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			12/16/24 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/12/24 09:47	12/16/24 17:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:47	12/16/24 17:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/24 09:47	12/16/24 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				12/12/24 09:47	12/16/24 17:55	1
o-Terphenyl	73		70 - 130				12/12/24 09:47	12/16/24 17:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.0		9.94		mg/Kg			12/13/24 01:42	1

Client Sample ID: S-7 (4')

Lab Sample ID: 880-52124-36

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/16/24 10:04	12/16/24 14:51	1
Toluene	0.00217		0.00200		mg/Kg		12/16/24 10:04	12/16/24 14:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/24 10:04	12/16/24 14:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/16/24 10:04	12/16/24 14:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/24 10:04	12/16/24 14:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/16/24 10:04	12/16/24 14:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/16/24 10:04	12/16/24 14:51	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/16/24 10:04	12/16/24 14:51	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			12/16/24 14:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/16/24 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	<49.7	U	49.7		mg/Kg		12/12/24 09:47	12/16/24 18:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/12/24 09:47	12/16/24 18:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-7 (4')

Lab Sample ID: 880-52124-36

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/12/24 09:47	12/16/24 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/12/24 09:47	12/16/24 18:08	1
o-Terphenyl	65	S1-	70 - 130				12/12/24 09:47	12/16/24 18:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.3		9.98		mg/Kg			12/13/24 01:47	1

Client Sample ID: S-7 (5')

Lab Sample ID: 880-52124-37

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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		12/16/24 10:04	12/16/24 15:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/24 10:04	12/16/24 15:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/24 10:04	12/16/24 15:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/16/24 10:04	12/16/24 15:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/24 10:04	12/16/24 15:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/16/24 10:04	12/16/24 15:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				12/16/24 10:04	12/16/24 15:12	1
1,4-Difluorobenzene (Surr)	100		70 - 130				12/16/24 10:04	12/16/24 15:12	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			12/16/24 15:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/16/24 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/12/24 09:47	12/16/24 18:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/12/24 09:47	12/16/24 18:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/24 09:47	12/16/24 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				12/12/24 09:47	12/16/24 18:23	1
o-Terphenyl	66	S1-	70 - 130				12/12/24 09:47	12/16/24 18:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.4		9.98		mg/Kg			12/13/24 02:03	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-52121-A-1-G MS	Matrix Spike	101	100
880-52121-A-1-H MSD	Matrix Spike Duplicate	102	99
880-52124-1	S-1 (0-1')	111	93
880-52124-2	S-1 (2')	113	93
880-52124-3	S-1 (3')	116	95
880-52124-4	S-1 (4')	97	101
880-52124-5	S-1 (5')	99	100
880-52124-6	S-1 (6')	99	100
880-52124-7	S-1 (6.5')	97	99
880-52124-8	S-2 (0-1')	98	99
880-52124-9	S-2 (2')	99	98
880-52124-10	S-2 (3')	121	93
880-52124-10 MS	S-2 (3')	103	95
880-52124-10 MSD	S-2 (3')	101	96
880-52124-11	S-2 (4')	121	95
880-52124-12	S-2 (5')	115	92
880-52124-13	S-3 (0-1')	115	94
880-52124-14	S-3 (2')	125	94
880-52124-15	S-3 (3')	117	92
880-52124-16	S-3 (4')	118	93
880-52124-17	S-3 (5')	117	93
880-52124-18	S-4 (0-1')	122	94
880-52124-19	S-4 (2')	119	93
880-52124-20	S-4 (3')	126	92
880-52124-21	S-4 (4')	120	94
880-52124-22	S-4 (5')	115	93
880-52124-23	S-5 (0-1')	120	95
880-52124-24	S-5 (2')	125	95
880-52124-25	S-5 (3')	119	94
880-52124-26	S-5 (4')	97	92
880-52124-26 MS	S-5 (4')	86	87
880-52124-26 MSD	S-5 (4')	104	97
880-52124-27	S-5 (5')	92	86
880-52124-28	S-6 (0-1')	100	91
880-52124-29	S-6 (2')	92	86
880-52124-30	S-6 (3')	140 S1+	100
880-52124-31	S-6 (4')	117	91
880-52124-32	S-6 (5')	106	89
880-52124-33	S-7 (0-1')	103	89
880-52124-34	S-7 (2')	99	87
880-52124-35	S-7 (3')	127	103
880-52124-36	S-7 (4')	107	101
880-52124-37	S-7 (5')	95	100
890-7466-A-1-A MS	Matrix Spike	102	101
890-7466-A-1-B MSD	Matrix Spike Duplicate	98	102
890-7469-A-9-E MS	Matrix Spike	96	100
890-7469-A-9-F MSD	Matrix Spike Duplicate	102	100
LCS 880-97710/1-A	Lab Control Sample	101	95
LCS 880-97713/1-A	Lab Control Sample	88	96

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-52124-1

Project/Site: Greenwood Federal Com #002

SDG: Eddy Co NM

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 880-97717/1-A	Lab Control Sample	90	95
LCS 880-97774/1-A	Lab Control Sample	99	100
LCS 880-97928/1-A	Lab Control Sample	98	98
LCSD 880-97710/2-A	Lab Control Sample Dup	101	97
LCSD 880-97713/2-A	Lab Control Sample Dup	102	101
LCSD 880-97717/2-A	Lab Control Sample Dup	87	88
LCSD 880-97774/2-A	Lab Control Sample Dup	100	100
LCSD 880-97928/2-A	Lab Control Sample Dup	95	100
MB 880-97682/5-A	Method Blank	119	88
MB 880-97710/5-A	Method Blank	114	89
MB 880-97713/5-A	Method Blank	83	86
MB 880-97717/5-A	Method Blank	85	87
MB 880-97774/5-A	Method Blank	96	95
MB 880-97928/5-A	Method Blank	95	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)
880-52122-A-14-E MS	Matrix Spike	101	83
880-52122-A-14-F MSD	Matrix Spike Duplicate	98	80
880-52124-1	S-1 (0-1')	101	93
880-52124-2	S-1 (2')	84	75
880-52124-3	S-1 (3')	110	101
880-52124-4	S-1 (4')	108	97
880-52124-5	S-1 (5')	106	96
880-52124-6	S-1 (6')	72	74
880-52124-6 MS	S-1 (6')	85	77
880-52124-6 MSD	S-1 (6')	85	77
880-52124-7	S-1 (6.5')	88	90
880-52124-8	S-2 (0-1')	86	89
880-52124-9	S-2 (2')	86	88
880-52124-10	S-2 (3')	83	85
880-52124-11	S-2 (4')	79	81
880-52124-12	S-2 (5')	87	90
880-52124-13	S-3 (0-1')	69 S1-	70
880-52124-14	S-3 (2')	83	80
880-52124-15	S-3 (3')	80	78
880-52124-16	S-3 (4')	81	78
880-52124-17	S-3 (5')	69 S1-	68 S1-
880-52124-18	S-4 (0-1')	87	87
880-52124-19	S-4 (2')	80	80
880-52124-20	S-4 (3')	101	102
880-52124-21	S-4 (4')	77	79
880-52124-22	S-4 (5')	85	87

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-52124-1

Project/Site: Greenwood Federal Com #002

SDG: Eddy Co NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-52124-23	S-5 (0-1')	84	85
880-52124-24	S-5 (2')	90	90
880-52124-25	S-5 (3')	87	90
880-52124-26	S-5 (4')	81	73
880-52124-26 MS	S-5 (4')	93	74
880-52124-26 MSD	S-5 (4')	94	75
880-52124-27	S-5 (5')	85	75
880-52124-28	S-6 (0-1')	80	69 S1-
880-52124-29	S-6 (2')	80	69 S1-
880-52124-30	S-6 (3')	77	65 S1-
880-52124-31	S-6 (4')	81	69 S1-
880-52124-32	S-6 (5')	79	69 S1-
880-52124-33	S-7 (0-1')	78	66 S1-
880-52124-34	S-7 (2')	76	64 S1-
880-52124-35	S-7 (3')	86	73
880-52124-36	S-7 (4')	77	65 S1-
880-52124-37	S-7 (5')	78	66 S1-
LCS 880-97703/2-A	Lab Control Sample	125	98
LCS 880-97704/2-A	Lab Control Sample	114	102
LCS 880-97706/2-A	Lab Control Sample	122	99
LCSD 880-97703/3-A	Lab Control Sample Dup	115	92
LCSD 880-97704/3-A	Lab Control Sample Dup	128	116
LCSD 880-97706/3-A	Lab Control Sample Dup	116	93
MB 880-97703/1-A	Method Blank	74	65 S1-
MB 880-97704/1-A	Method Blank	62 S1-	65 S1-
MB 880-97706/1-A	Method Blank	70	63 S1-

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-97682/5-A

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97682

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 11:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 11:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 11:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/24 09:12	12/12/24 11:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 11:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/24 09:12	12/12/24 11:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	12/12/24 09:12	12/12/24 11:01	1
1,4-Difluorobenzene (Surr)	88		70 - 130	12/12/24 09:12	12/12/24 11:01	1

Lab Sample ID: MB 880-97710/5-A

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97710

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/12/24 21:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/12/24 21:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/12/24 21:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/24 10:42	12/12/24 21:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:42	12/12/24 21:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/24 10:42	12/12/24 21:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	12/12/24 10:42	12/12/24 21:36	1
1,4-Difluorobenzene (Surr)	89		70 - 130	12/12/24 10:42	12/12/24 21:36	1

Lab Sample ID: LCS 880-97710/1-A

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97710

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1005		mg/Kg		101	70 - 130
Toluene	0.100	0.09824		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1006		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.1954		mg/Kg		98	70 - 130
o-Xylene	0.100	0.1010		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-97710/2-A

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97710

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1054		mg/Kg		105	70 - 130	5	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: LCSD 880-97710/2-A

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97710

Analyte	Spike		LCSD	LCSD	Unit	D	%Rec	%Rec		RPD	
	Added	Result	Qualifier	Limit				Limits	RPD	Limit	Limit
Toluene	0.100	0.1037			mg/Kg		104	70 - 130	5		35
Ethylbenzene	0.100	0.1080			mg/Kg		108	70 - 130	7		35
m-Xylene & p-Xylene	0.200	0.2102			mg/Kg		105	70 - 130	7		35
o-Xylene	0.100	0.1088			mg/Kg		109	70 - 130	7		35
LCSD		LCSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	101		70 - 130								
1,4-Difluorobenzene (Surr)	97		70 - 130								

Lab Sample ID: 880-52124-10 MS

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: S-2 (3')

Prep Type: Total/NA

Prep Batch: 97710

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	<0.00200	U	0.101	0.1022		mg/Kg		101	70 - 130		
Toluene	<0.00200	U	0.101	0.09554		mg/Kg		95	70 - 130		
Ethylbenzene	<0.00200	U	0.101	0.09713		mg/Kg		96	70 - 130		
m-Xylene & p-Xylene	<0.00401	U	0.202	0.1917		mg/Kg		95	70 - 130		
o-Xylene	<0.00200	U	0.101	0.09698		mg/Kg		96	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	103		70 - 130								
1,4-Difluorobenzene (Surr)	95		70 - 130								

Lab Sample ID: 880-52124-10 MSD

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: S-2 (3')

Prep Type: Total/NA

Prep Batch: 97710

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		Limit
Benzene	<0.00200	U	0.0998	0.1036		mg/Kg		104	70 - 130	1	35
Toluene	<0.00200	U	0.0998	0.09551		mg/Kg		96	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.0998	0.09641		mg/Kg		97	70 - 130	1	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1903		mg/Kg		95	70 - 130	1	35
o-Xylene	<0.00200	U	0.0998	0.09628		mg/Kg		96	70 - 130	1	35
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	101		70 - 130								
1,4-Difluorobenzene (Surr)	96		70 - 130								

Lab Sample ID: MB 880-97713/5-A

Matrix: Solid

Analysis Batch: 97666

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97713

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 14:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 14:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 14:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/24 10:44	12/12/24 14:15	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: MB 880-97713/5-A

Matrix: Solid

Analysis Batch: 97666

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 10:44	12/12/24 14:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/24 10:44	12/12/24 14:15	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				12/12/24 10:44	12/12/24 14:15	1
1,4-Difluorobenzene (Surr)	86		70 - 130				12/12/24 10:44	12/12/24 14:15	1

Lab Sample ID: LCS 880-97713/1-A

Matrix: Solid

Analysis Batch: 97666

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1017		mg/Kg		102	70 - 130
Toluene	0.100	0.09578		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09617		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1898		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09835		mg/Kg		98	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	88		70 - 130				
1,4-Difluorobenzene (Surr)	96		70 - 130				

Lab Sample ID: LCSD 880-97713/2-A

Matrix: Solid

Analysis Batch: 97666

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97713

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1165		mg/Kg		116	70 - 130	13	35
Toluene	0.100	0.1078		mg/Kg		108	70 - 130	12	35
Ethylbenzene	0.100	0.1115		mg/Kg		111	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.2196		mg/Kg		110	70 - 130	15	35
o-Xylene	0.100	0.1135		mg/Kg		114	70 - 130	14	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	102		70 - 130						
1,4-Difluorobenzene (Surr)	101		70 - 130						

Lab Sample ID: 880-52121-A-1-G MS

Matrix: Solid

Analysis Batch: 97666

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 97713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.101	0.1039		mg/Kg		103	70 - 130
Toluene	<0.00200	U	0.101	0.09711		mg/Kg		96	70 - 130
Ethylbenzene	<0.00200	U	0.101	0.09615		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.202	0.1889		mg/Kg		94	70 - 130
o-Xylene	<0.00200	U	0.101	0.09864		mg/Kg		98	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-52121-A-1-G MS

Matrix: Solid

Analysis Batch: 97666

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 97713

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

Lab Sample ID: 880-52121-A-1-H MSD

Matrix: Solid

Analysis Batch: 97666

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 97713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0998	0.1091		mg/Kg		109	70 - 130	5	35
Toluene	<0.00200	U	0.0998	0.1027		mg/Kg		103	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.0998	0.1008		mg/Kg		101	70 - 130	5	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1987		mg/Kg		100	70 - 130	5	35
o-Xylene	<0.00200	U	0.0998	0.1024		mg/Kg		103	70 - 130	4	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-97717/5-A

Matrix: Solid

Analysis Batch: 97795

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97717

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 11:00	12/13/24 12:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 11:00	12/13/24 12:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 11:00	12/13/24 12:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/24 11:00	12/13/24 12:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 11:00	12/13/24 12:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/24 11:00	12/13/24 12:07	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	85		70 - 130	12/12/24 11:00	12/13/24 12:07	1			
1,4-Difluorobenzene (Surr)	87		70 - 130	12/12/24 11:00	12/13/24 12:07	1			

Lab Sample ID: LCS 880-97717/1-A

Matrix: Solid

Analysis Batch: 97795

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97717

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1019		mg/Kg		102	70 - 130
Toluene	0.100	0.09738		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.1078		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.1896		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09808		mg/Kg		98	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: LCS 880-97717/1-A
Matrix: Solid
Analysis Batch: 97795

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 97717

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-97717/2-A
Matrix: Solid
Analysis Batch: 97795

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 97717

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.03803	*- *1	mg/Kg		38	70 - 130	91	35
Toluene	0.100	0.03553	*- *1	mg/Kg		36	70 - 130	93	35
Ethylbenzene	0.100	0.03598	*- *1	mg/Kg		36	70 - 130	100	35
m-Xylene & p-Xylene	0.200	0.07303	*- *1	mg/Kg		37	70 - 130	89	35
o-Xylene	0.100	0.03832	*- *1	mg/Kg		38	70 - 130	88	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: 880-52124-26 MS
Matrix: Solid
Analysis Batch: 97795

Client Sample ID: S-5 (4')
Prep Type: Total/NA
Prep Batch: 97717

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U F2 F1 *- *1	0.101	0.02451	F1	mg/Kg		24	70 - 130
Toluene	<0.00202	U F2 F1 *- *1	0.101	0.02270	F1	mg/Kg		23	70 - 130
Ethylbenzene	<0.00202	U F2 F1 *- *1	0.101	0.02132	F1	mg/Kg		21	70 - 130
m-Xylene & p-Xylene	<0.00403	U F2 F1 *- *1	0.202	0.04458	F1	mg/Kg		22	70 - 130
o-Xylene	<0.00202	U F2 F1 *- *1	0.101	0.02344	F1	mg/Kg		23	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 880-52124-26 MSD
Matrix: Solid
Analysis Batch: 97795

Client Sample ID: S-5 (4')
Prep Type: Total/NA
Prep Batch: 97717

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F2 F1 *- *1	0.0998	0.05165	F1 F2	mg/Kg		52	70 - 130	71	35
Toluene	<0.00202	U F2 F1 *- *1	0.0998	0.04768	F1 F2	mg/Kg		48	70 - 130	71	35
Ethylbenzene	<0.00202	U F2 F1 *- *1	0.0998	0.04727	F1 F2	mg/Kg		47	70 - 130	76	35
m-Xylene & p-Xylene	<0.00403	U F2 F1 *- *1	0.200	0.09526	F1 F2	mg/Kg		48	70 - 130	72	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-52124-26 MSD

Matrix: Solid

Analysis Batch: 97795

Client Sample ID: S-5 (4')

Prep Type: Total/NA

Prep Batch: 97717

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
o-Xylene	<0.00202	U F2 F1 *- *1	0.0998	0.05137	F1 F2	mg/Kg		51	70 - 130	75	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	104		70 - 130								
1,4-Difluorobenzene (Surr)	97		70 - 130								

Lab Sample ID: MB 880-97774/5-A

Matrix: Solid

Analysis Batch: 97791

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97774

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 16:00	12/13/24 11:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 16:00	12/13/24 11:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 16:00	12/13/24 11:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/24 16:00	12/13/24 11:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 16:00	12/13/24 11:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/24 16:00	12/13/24 11:26	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	96		70 - 130			12/12/24 16:00	12/13/24 11:26	1	
1,4-Difluorobenzene (Surr)	95		70 - 130			12/12/24 16:00	12/13/24 11:26	1	

Lab Sample ID: LCS 880-97774/1-A

Matrix: Solid

Analysis Batch: 97791

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97774

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier				Limits		
Benzene			0.100	0.1130		mg/Kg		113	70 - 130		
Toluene			0.100	0.1106		mg/Kg		111	70 - 130		
Ethylbenzene			0.100	0.1054		mg/Kg		105	70 - 130		
m-Xylene & p-Xylene			0.200	0.2035		mg/Kg		102	70 - 130		
o-Xylene			0.100	0.1131		mg/Kg		113	70 - 130		
Surrogate	LCS		Limits								
	%Recovery	Qualifier									
4-Bromofluorobenzene (Surr)	99		70 - 130								
1,4-Difluorobenzene (Surr)	100		70 - 130								

Lab Sample ID: LCSD 880-97774/2-A

Matrix: Solid

Analysis Batch: 97791

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97774

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1211		mg/Kg		121	70 - 130	7	35
Toluene	0.100	0.1176		mg/Kg		118	70 - 130	6	35
Ethylbenzene	0.100	0.1128		mg/Kg		113	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2190		mg/Kg		110	70 - 130	7	35
o-Xylene	0.100	0.1207		mg/Kg		121	70 - 130	7	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: LCSD 880-97774/2-A

Matrix: Solid

Analysis Batch: 97791

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97774

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

Lab Sample ID: 890-7466-A-1-A MS

Matrix: Solid

Analysis Batch: 97791

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 97774

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.101	0.1144		mg/Kg		113	70 - 130
Toluene	<0.00200	U	0.101	0.1101		mg/Kg		109	70 - 130
Ethylbenzene	<0.00200	U	0.101	0.1051		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.202	0.2012		mg/Kg		100	70 - 130
o-Xylene	<0.00200	U	0.101	0.1097		mg/Kg		109	70 - 130

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

Lab Sample ID: 890-7466-A-1-B MSD

Matrix: Solid

Analysis Batch: 97791

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 97774

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0998	0.1152		mg/Kg		115	70 - 130	1	35
Toluene	<0.00200	U	0.0998	0.1098		mg/Kg		110	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.0998	0.1041		mg/Kg		104	70 - 130	1	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2005		mg/Kg		100	70 - 130	0	35
o-Xylene	<0.00200	U	0.0998	0.1102		mg/Kg		110	70 - 130	1	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-97928/5-A

Matrix: Solid

Analysis Batch: 97907

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97928

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/16/24 10:04	12/16/24 12:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/24 10:04	12/16/24 12:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/24 10:04	12/16/24 12:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/16/24 10:04	12/16/24 12:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/24 10:04	12/16/24 12:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/16/24 10:04	12/16/24 12:06	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	95		70 - 130	12/16/24 10:04	12/16/24 12:06	1			

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: MB 880-97928/5-A

Matrix: Solid

Analysis Batch: 97907

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97928

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	96		70 - 130	12/16/24 10:04	12/16/24 12:06	1

Lab Sample ID: LCS 880-97928/1-A

Matrix: Solid

Analysis Batch: 97907

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Benzene	0.100	0.09053		mg/Kg		91	70 - 130	
Toluene	0.100	0.1004		mg/Kg		100	70 - 130	
Ethylbenzene	0.100	0.1033		mg/Kg		103	70 - 130	
m-Xylene & p-Xylene	0.200	0.1972		mg/Kg		99	70 - 130	
o-Xylene	0.100	0.1121		mg/Kg		112	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
4-Bromofluorobenzene (Surr)	98		70 - 130					
1,4-Difluorobenzene (Surr)	98		70 - 130					

Lab Sample ID: LCSD 880-97928/2-A

Matrix: Solid

Analysis Batch: 97907

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97928

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits		RPD	Limit
Benzene	0.100	0.09629		mg/Kg		96	70 - 130		6	35
Toluene	0.100	0.1053		mg/Kg		105	70 - 130		5	35
Ethylbenzene	0.100	0.1070		mg/Kg		107	70 - 130		4	35
m-Xylene & p-Xylene	0.200	0.2033		mg/Kg		102	70 - 130		3	35
o-Xylene	0.100	0.1170		mg/Kg		117	70 - 130		4	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)	95		70 - 130							
1,4-Difluorobenzene (Surr)	100		70 - 130							

Lab Sample ID: 890-7469-A-9-E MS

Matrix: Solid

Analysis Batch: 97907

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 97928

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Benzene	<0.00202	U	0.100	0.09091		mg/Kg		91	70 - 130	
Toluene	<0.00202	U	0.100	0.09862		mg/Kg		99	70 - 130	
Ethylbenzene	<0.00202	U	0.100	0.09864		mg/Kg		99	70 - 130	
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1868		mg/Kg		93	70 - 130	
o-Xylene	<0.00202	U	0.100	0.1056		mg/Kg		106	70 - 130	
Surrogate	MS %Recovery	MS Qualifier	Limits							
4-Bromofluorobenzene (Surr)	96		70 - 130							
1,4-Difluorobenzene (Surr)	100		70 - 130							

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: 890-7469-A-9-F MSD

Matrix: Solid

Analysis Batch: 97907

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 97928

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.09149		mg/Kg		91	70 - 130	1	35
Toluene	<0.00202	U	0.100	0.1007		mg/Kg		101	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.100	0.1020		mg/Kg		102	70 - 130	3	35
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1949		mg/Kg		97	70 - 130	4	35
o-Xylene	<0.00202	U	0.100	0.1110		mg/Kg		111	70 - 130	5	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	102		70 - 130								
1,4-Difluorobenzene (Surr)	100		70 - 130								

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

Lab Sample ID: MB 880-97703/1-A

Matrix: Solid

Analysis Batch: 98179

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97703

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		12/12/24 09:40	12/18/24 19:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:40	12/18/24 19:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:40	12/18/24 19:33	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/12/24 09:40	12/18/24 19:33	1
o-Terphenyl	65	S1-	70 - 130				12/12/24 09:40	12/18/24 19:33	1

Lab Sample ID: LCS 880-97703/2-A

Matrix: Solid

Analysis Batch: 98179

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97703

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1308	*+	mg/Kg		131	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	988.7		mg/Kg		99	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	125		70 - 130						
o-Terphenyl	98		70 - 130						

Lab Sample ID: LCSD 880-97703/3-A

Matrix: Solid

Analysis Batch: 98179

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97703

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1098		mg/Kg		110	70 - 130	17	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: LCSD 880-97703/3-A

Matrix: Solid

Analysis Batch: 98179

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97703

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	1000	869.0		mg/Kg		87	70 - 130	13	20
	LCSD %Recovery	LCSD Qualifier	Limits						
Surrogate									
1-Chlorooctane	115		70 - 130						
o-Terphenyl	92		70 - 130						

Lab Sample ID: 880-52122-A-14-E MS

Matrix: Solid

Analysis Batch: 98179

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 97703

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *+	995	847.7		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	642.7	F1	mg/Kg		65	70 - 130		
	MS %Recovery	MS Qualifier	Limits								
Surrogate											
1-Chlorooctane	101		70 - 130								
o-Terphenyl	83		70 - 130								

Lab Sample ID: 880-52122-A-14-F MSD

Matrix: Solid

Analysis Batch: 98179

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 97703

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 *+	995	796.0		mg/Kg		80	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	607.2	F1	mg/Kg		61	70 - 130	6	20
	MSD %Recovery	MSD Qualifier	Limits								
Surrogate											
1-Chlorooctane	98		70 - 130								
o-Terphenyl	80		70 - 130								

Lab Sample ID: MB 880-97704/1-A

Matrix: Solid

Analysis Batch: 98181

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97704

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		12/12/24 09:44	12/18/24 19:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:44	12/18/24 19:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:44	12/18/24 19:33	1
	MB %Recovery	MB Qualifier	Limits						
Surrogate									
1-Chlorooctane	62	S1-	70 - 130						
o-Terphenyl	65	S1-	70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: LCS 880-97704/2-A

Matrix: Solid

Analysis Batch: 98181

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97704

Analyte			Spike	LCS	LCS				%Rec		
			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1098		mg/Kg		110	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1039		mg/Kg		104	70 - 130		
		LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	114		70 - 130								
o-Terphenyl	102		70 - 130								

Lab Sample ID: LCSD 880-97704/3-A

Matrix: Solid

Analysis Batch: 98181

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97704

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1183		mg/Kg		118	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	1188		mg/Kg		119	70 - 130	13	20

Lab Sample ID: 880-52124-6 MS

Matrix: Solid

Analysis Batch: 98181

Client Sample ID: S-1 (6')

Prep Type: Total/NA

Prep Batch: 97704

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	746.3		mg/Kg		75	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	654.2	F1	mg/Kg		66	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	85		70 - 130								
o-Terphenyl	77		70 - 130								

Lab Sample ID: 880-52124-6 MSD

Matrix: Solid

Analysis Batch: 98181

Client Sample ID: S-1 (6')

Prep Type: Total/NA

Prep Batch: 97704

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	751.7		mg/Kg		75	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	641.1	F1	mg/Kg		64	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	85		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-52124-6 MSD

Matrix: Solid

Analysis Batch: 98181

Client Sample ID: S-1 (6')

Prep Type: Total/NA

Prep Batch: 97704

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	77		70 - 130

Lab Sample ID: MB 880-97706/1-A

Matrix: Solid

Analysis Batch: 97954

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97706

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		12/12/24 09:47	12/16/24 10:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/12/24 09:47	12/16/24 10:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:47	12/16/24 10:10	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	70		70 - 130				12/12/24 09:47	12/16/24 10:10	1
<i>o</i> -Terphenyl	63	S1-	70 - 130				12/12/24 09:47	12/16/24 10:10	1

Lab Sample ID: LCS 880-97706/2-A

Matrix: Solid

Analysis Batch: 97954

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97706

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1209		mg/Kg		121	70 - 130
Diesel Range Organics (Over C10-C28)	1000	943.1		mg/Kg		94	70 - 130
Surrogate	LCS	LCS	Limits				
	%Recovery	Qualifier					
1-Chlorooctane	122		70 - 130				
<i>o</i> -Terphenyl	99		70 - 130				

Lab Sample ID: LCSD 880-97706/3-A

Matrix: Solid

Analysis Batch: 97954

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97706

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1177		mg/Kg		118	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	893.0		mg/Kg		89	70 - 130	5	20
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
1-Chlorooctane	116		70 - 130						
<i>o</i> -Terphenyl	93		70 - 130						

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-52124-26 MS

Matrix: Solid

Analysis Batch: 97954

Client Sample ID: S-5 (4')

Prep Type: Total/NA

Prep Batch: 97706

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	995	901.4		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	634.5	F1	mg/Kg		64	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	93		70 - 130						
o-Terphenyl	74		70 - 130						

Lab Sample ID: 880-52124-26 MSD

Matrix: Solid

Analysis Batch: 97954

Client Sample ID: S-5 (4')

Prep Type: Total/NA

Prep Batch: 97706

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	995	843.3		mg/Kg		85	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	644.9	F1	mg/Kg		65	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	94		70 - 130								
o-Terphenyl	75		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-97699/1-A

Matrix: Solid

Analysis Batch: 97720

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			12/12/24 14:55	1

Lab Sample ID: LCS 880-97699/2-A

Matrix: Solid

Analysis Batch: 97720

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-97699/3-A

Matrix: Solid

Analysis Batch: 97720

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	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-52122-A-14-B MS

Matrix: Solid

Analysis Batch: 97720

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	3620	F1	2520	8132	F1	mg/Kg		179	90 - 110		

Lab Sample ID: 880-52122-A-14-C MSD

Matrix: Solid

Analysis Batch: 97720

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	3620	F1	2520	8129	F1	mg/Kg		179	90 - 110	0	20

Lab Sample ID: 880-52122-A-24-B MS

Matrix: Solid

Analysis Batch: 97720

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	3680	F1	1250	5694	F1	mg/Kg		161	90 - 110		

Lab Sample ID: 880-52122-A-24-C MSD

Matrix: Solid

Analysis Batch: 97720

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	3680	F1	1250	5700	F1	mg/Kg		161	90 - 110	0	20

Lab Sample ID: MB 880-97702/1-A

Matrix: Solid

Analysis Batch: 97730

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			12/12/24 15:03	1

Lab Sample ID: LCS 880-97702/2-A

Matrix: Solid

Analysis Batch: 97730

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	239.7		mg/Kg		96	90 - 110		

Lab Sample ID: LCSD 880-97702/3-A

Matrix: Solid

Analysis Batch: 97730

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	239.4		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-52124-6 MS

Matrix: Solid

Analysis Batch: 97730

Client Sample ID: S-1 (6')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2020		1250	3385		mg/Kg		109	90 - 110		

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-52124-6 MSD

Matrix: Solid

Analysis Batch: 97730

Client Sample ID: S-1 (6')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2020		1250	3385		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-52124-16 MS

Matrix: Solid

Analysis Batch: 97730

Client Sample ID: S-3 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	68.3	F1	250	364.4	F1	mg/Kg		119	90 - 110		

Lab Sample ID: 880-52124-16 MSD

Matrix: Solid

Analysis Batch: 97730

Client Sample ID: S-3 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	68.3	F1	250	364.2	F1	mg/Kg		119	90 - 110	0	20

Lab Sample ID: MB 880-97762/1-A

Matrix: Solid

Analysis Batch: 97771

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			12/13/24 00:18	1

Lab Sample ID: LCS 880-97762/2-A

Matrix: Solid

Analysis Batch: 97771

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	236.1		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-97762/3-A

Matrix: Solid

Analysis Batch: 97771

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	234.2		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 880-52124-26 MS

Matrix: Solid

Analysis Batch: 97771

Client Sample ID: S-5 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	87.3	F1	249	381.5	F1	mg/Kg		118	90 - 110		

Lab Sample ID: 880-52124-26 MSD

Matrix: Solid

Analysis Batch: 97771

Client Sample ID: S-5 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	87.3	F1	249	380.5	F1	mg/Kg		118	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-52124-36 MS

Client Sample ID: S-7 (4')

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 97771

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	75.3		250	348.7		mg/Kg		110	90 - 110

Lab Sample ID: 880-52124-36 MSD

Client Sample ID: S-7 (4')

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 97771

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	75.3		250	347.8		mg/Kg		109	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

GC VOA

Analysis Batch: 97662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-10	S-2 (3')	Total/NA	Solid	8021B	97710
880-52124-11	S-2 (4')	Total/NA	Solid	8021B	97710
880-52124-12	S-2 (5')	Total/NA	Solid	8021B	97710
880-52124-13	S-3 (0-1')	Total/NA	Solid	8021B	97710
880-52124-14	S-3 (2')	Total/NA	Solid	8021B	97710
880-52124-15	S-3 (3')	Total/NA	Solid	8021B	97710
880-52124-16	S-3 (4')	Total/NA	Solid	8021B	97710
880-52124-17	S-3 (5')	Total/NA	Solid	8021B	97710
880-52124-18	S-4 (0-1')	Total/NA	Solid	8021B	97710
880-52124-19	S-4 (2')	Total/NA	Solid	8021B	97710
880-52124-20	S-4 (3')	Total/NA	Solid	8021B	97710
880-52124-21	S-4 (4')	Total/NA	Solid	8021B	97710
880-52124-22	S-4 (5')	Total/NA	Solid	8021B	97710
880-52124-23	S-5 (0-1')	Total/NA	Solid	8021B	97710
880-52124-24	S-5 (2')	Total/NA	Solid	8021B	97710
880-52124-25	S-5 (3')	Total/NA	Solid	8021B	97710
MB 880-97682/5-A	Method Blank	Total/NA	Solid	8021B	97682
MB 880-97710/5-A	Method Blank	Total/NA	Solid	8021B	97710
LCS 880-97710/1-A	Lab Control Sample	Total/NA	Solid	8021B	97710
LCSD 880-97710/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97710
880-52124-10 MS	S-2 (3')	Total/NA	Solid	8021B	97710
880-52124-10 MSD	S-2 (3')	Total/NA	Solid	8021B	97710

Analysis Batch: 97666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-1	S-1 (0-1')	Total/NA	Solid	8021B	97713
880-52124-2	S-1 (2')	Total/NA	Solid	8021B	97713
880-52124-3	S-1 (3')	Total/NA	Solid	8021B	97713
MB 880-97713/5-A	Method Blank	Total/NA	Solid	8021B	97713
LCS 880-97713/1-A	Lab Control Sample	Total/NA	Solid	8021B	97713
LCSD 880-97713/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97713
880-52121-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	97713
880-52121-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	97713

Prep Batch: 97682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-97682/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 97710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-10	S-2 (3')	Total/NA	Solid	5035	
880-52124-11	S-2 (4')	Total/NA	Solid	5035	
880-52124-12	S-2 (5')	Total/NA	Solid	5035	
880-52124-13	S-3 (0-1')	Total/NA	Solid	5035	
880-52124-14	S-3 (2')	Total/NA	Solid	5035	
880-52124-15	S-3 (3')	Total/NA	Solid	5035	
880-52124-16	S-3 (4')	Total/NA	Solid	5035	
880-52124-17	S-3 (5')	Total/NA	Solid	5035	
880-52124-18	S-4 (0-1')	Total/NA	Solid	5035	
880-52124-19	S-4 (2')	Total/NA	Solid	5035	
880-52124-20	S-4 (3')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

GC VOA (Continued)

Prep Batch: 97710 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-21	S-4 (4')	Total/NA	Solid	5035	
880-52124-22	S-4 (5')	Total/NA	Solid	5035	
880-52124-23	S-5 (0-1')	Total/NA	Solid	5035	
880-52124-24	S-5 (2')	Total/NA	Solid	5035	
880-52124-25	S-5 (3')	Total/NA	Solid	5035	
MB 880-97710/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97710/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97710/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-52124-10 MS	S-2 (3')	Total/NA	Solid	5035	
880-52124-10 MSD	S-2 (3')	Total/NA	Solid	5035	

Prep Batch: 97713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-1	S-1 (0-1')	Total/NA	Solid	5035	
880-52124-2	S-1 (2')	Total/NA	Solid	5035	
880-52124-3	S-1 (3')	Total/NA	Solid	5035	
MB 880-97713/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97713/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97713/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-52121-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
880-52121-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 97717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-26	S-5 (4')	Total/NA	Solid	5035	
880-52124-27	S-5 (5')	Total/NA	Solid	5035	
880-52124-28	S-6 (0-1')	Total/NA	Solid	5035	
880-52124-29	S-6 (2')	Total/NA	Solid	5035	
880-52124-30	S-6 (3')	Total/NA	Solid	5035	
880-52124-31	S-6 (4')	Total/NA	Solid	5035	
880-52124-32	S-6 (5')	Total/NA	Solid	5035	
880-52124-33	S-7 (0-1')	Total/NA	Solid	5035	
880-52124-34	S-7 (2')	Total/NA	Solid	5035	
880-52124-35	S-7 (3')	Total/NA	Solid	5035	
MB 880-97717/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97717/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97717/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-52124-26 MS	S-5 (4')	Total/NA	Solid	5035	
880-52124-26 MSD	S-5 (4')	Total/NA	Solid	5035	

Prep Batch: 97774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-4	S-1 (4')	Total/NA	Solid	5035	
880-52124-5	S-1 (5')	Total/NA	Solid	5035	
880-52124-6	S-1 (6')	Total/NA	Solid	5035	
880-52124-7	S-1 (6.5')	Total/NA	Solid	5035	
880-52124-8	S-2 (0-1')	Total/NA	Solid	5035	
880-52124-9	S-2 (2')	Total/NA	Solid	5035	
MB 880-97774/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97774/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97774/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

GC VOA (Continued)

Prep Batch: 97774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7466-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-7466-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 97791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-4	S-1 (4')	Total/NA	Solid	8021B	97774
880-52124-5	S-1 (5')	Total/NA	Solid	8021B	97774
880-52124-6	S-1 (6')	Total/NA	Solid	8021B	97774
880-52124-7	S-1 (6.5')	Total/NA	Solid	8021B	97774
880-52124-8	S-2 (0-1')	Total/NA	Solid	8021B	97774
880-52124-9	S-2 (2')	Total/NA	Solid	8021B	97774
MB 880-97774/5-A	Method Blank	Total/NA	Solid	8021B	97774
LCS 880-97774/1-A	Lab Control Sample	Total/NA	Solid	8021B	97774
LCSD 880-97774/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97774
890-7466-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	97774
890-7466-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	97774

Analysis Batch: 97795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-26	S-5 (4')	Total/NA	Solid	8021B	97717
880-52124-27	S-5 (5')	Total/NA	Solid	8021B	97717
880-52124-28	S-6 (0-1')	Total/NA	Solid	8021B	97717
880-52124-29	S-6 (2')	Total/NA	Solid	8021B	97717
880-52124-30	S-6 (3')	Total/NA	Solid	8021B	97717
880-52124-31	S-6 (4')	Total/NA	Solid	8021B	97717
880-52124-32	S-6 (5')	Total/NA	Solid	8021B	97717
880-52124-33	S-7 (0-1')	Total/NA	Solid	8021B	97717
880-52124-34	S-7 (2')	Total/NA	Solid	8021B	97717
880-52124-35	S-7 (3')	Total/NA	Solid	8021B	97717
MB 880-97717/5-A	Method Blank	Total/NA	Solid	8021B	97717
LCS 880-97717/1-A	Lab Control Sample	Total/NA	Solid	8021B	97717
LCSD 880-97717/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97717
880-52124-26 MS	S-5 (4')	Total/NA	Solid	8021B	97717
880-52124-26 MSD	S-5 (4')	Total/NA	Solid	8021B	97717

Analysis Batch: 97869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-52124-2	S-1 (2')	Total/NA	Solid	Total BTEX	
880-52124-3	S-1 (3')	Total/NA	Solid	Total BTEX	
880-52124-4	S-1 (4')	Total/NA	Solid	Total BTEX	
880-52124-5	S-1 (5')	Total/NA	Solid	Total BTEX	
880-52124-6	S-1 (6')	Total/NA	Solid	Total BTEX	
880-52124-7	S-1 (6.5')	Total/NA	Solid	Total BTEX	
880-52124-8	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-52124-9	S-2 (2')	Total/NA	Solid	Total BTEX	
880-52124-10	S-2 (3')	Total/NA	Solid	Total BTEX	
880-52124-11	S-2 (4')	Total/NA	Solid	Total BTEX	
880-52124-12	S-2 (5')	Total/NA	Solid	Total BTEX	
880-52124-13	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-52124-14	S-3 (2')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

GC VOA (Continued)

Analysis Batch: 97869 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-15	S-3 (3')	Total/NA	Solid	Total BTEX	
880-52124-16	S-3 (4')	Total/NA	Solid	Total BTEX	
880-52124-17	S-3 (5')	Total/NA	Solid	Total BTEX	
880-52124-18	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-52124-19	S-4 (2')	Total/NA	Solid	Total BTEX	
880-52124-20	S-4 (3')	Total/NA	Solid	Total BTEX	
880-52124-21	S-4 (4')	Total/NA	Solid	Total BTEX	
880-52124-22	S-4 (5')	Total/NA	Solid	Total BTEX	
880-52124-23	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-52124-24	S-5 (2')	Total/NA	Solid	Total BTEX	
880-52124-25	S-5 (3')	Total/NA	Solid	Total BTEX	
880-52124-26	S-5 (4')	Total/NA	Solid	Total BTEX	
880-52124-27	S-5 (5')	Total/NA	Solid	Total BTEX	
880-52124-28	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-52124-29	S-6 (2')	Total/NA	Solid	Total BTEX	
880-52124-30	S-6 (3')	Total/NA	Solid	Total BTEX	
880-52124-31	S-6 (4')	Total/NA	Solid	Total BTEX	
880-52124-32	S-6 (5')	Total/NA	Solid	Total BTEX	
880-52124-33	S-7 (0-1')	Total/NA	Solid	Total BTEX	
880-52124-34	S-7 (2')	Total/NA	Solid	Total BTEX	
880-52124-35	S-7 (3')	Total/NA	Solid	Total BTEX	
880-52124-36	S-7 (4')	Total/NA	Solid	Total BTEX	
880-52124-37	S-7 (5')	Total/NA	Solid	Total BTEX	

Analysis Batch: 97907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-36	S-7 (4')	Total/NA	Solid	8021B	97928
880-52124-37	S-7 (5')	Total/NA	Solid	8021B	97928
MB 880-97928/5-A	Method Blank	Total/NA	Solid	8021B	97928
LCS 880-97928/1-A	Lab Control Sample	Total/NA	Solid	8021B	97928
LCSD 880-97928/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97928
890-7469-A-9-E MS	Matrix Spike	Total/NA	Solid	8021B	97928
890-7469-A-9-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	97928

Prep Batch: 97928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-36	S-7 (4')	Total/NA	Solid	5035	
880-52124-37	S-7 (5')	Total/NA	Solid	5035	
MB 880-97928/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97928/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97928/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7469-A-9-E MS	Matrix Spike	Total/NA	Solid	5035	
890-7469-A-9-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 97703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-52124-2	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-52124-3	S-1 (3')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

GC Semi VOA (Continued)

Prep Batch: 97703 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-4	S-1 (4')	Total/NA	Solid	8015NM Prep	
880-52124-5	S-1 (5')	Total/NA	Solid	8015NM Prep	
MB 880-97703/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-97703/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-97703/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-52122-A-14-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-52122-A-14-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 97704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-6	S-1 (6')	Total/NA	Solid	8015NM Prep	
880-52124-7	S-1 (6.5')	Total/NA	Solid	8015NM Prep	
880-52124-8	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-52124-9	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-52124-10	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-52124-11	S-2 (4')	Total/NA	Solid	8015NM Prep	
880-52124-12	S-2 (5')	Total/NA	Solid	8015NM Prep	
880-52124-13	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-52124-14	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-52124-15	S-3 (3')	Total/NA	Solid	8015NM Prep	
880-52124-16	S-3 (4')	Total/NA	Solid	8015NM Prep	
880-52124-17	S-3 (5')	Total/NA	Solid	8015NM Prep	
880-52124-18	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-52124-19	S-4 (2')	Total/NA	Solid	8015NM Prep	
880-52124-20	S-4 (3')	Total/NA	Solid	8015NM Prep	
880-52124-21	S-4 (4')	Total/NA	Solid	8015NM Prep	
880-52124-22	S-4 (5')	Total/NA	Solid	8015NM Prep	
880-52124-23	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-52124-24	S-5 (2')	Total/NA	Solid	8015NM Prep	
880-52124-25	S-5 (3')	Total/NA	Solid	8015NM Prep	
MB 880-97704/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-97704/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-97704/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-52124-6 MS	S-1 (6')	Total/NA	Solid	8015NM Prep	
880-52124-6 MSD	S-1 (6')	Total/NA	Solid	8015NM Prep	

Prep Batch: 97706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-26	S-5 (4')	Total/NA	Solid	8015NM Prep	
880-52124-27	S-5 (5')	Total/NA	Solid	8015NM Prep	
880-52124-28	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-52124-29	S-6 (2')	Total/NA	Solid	8015NM Prep	
880-52124-30	S-6 (3')	Total/NA	Solid	8015NM Prep	
880-52124-31	S-6 (4')	Total/NA	Solid	8015NM Prep	
880-52124-32	S-6 (5')	Total/NA	Solid	8015NM Prep	
880-52124-33	S-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-52124-34	S-7 (2')	Total/NA	Solid	8015NM Prep	
880-52124-35	S-7 (3')	Total/NA	Solid	8015NM Prep	
880-52124-36	S-7 (4')	Total/NA	Solid	8015NM Prep	
880-52124-37	S-7 (5')	Total/NA	Solid	8015NM Prep	
MB 880-97706/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

GC Semi VOA (Continued)

Prep Batch: 97706 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-97706/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-97706/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-52124-26 MS	S-5 (4')	Total/NA	Solid	8015NM Prep	
880-52124-26 MSD	S-5 (4')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 97954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-26	S-5 (4')	Total/NA	Solid	8015B NM	97706
880-52124-27	S-5 (5')	Total/NA	Solid	8015B NM	97706
880-52124-28	S-6 (0-1')	Total/NA	Solid	8015B NM	97706
880-52124-29	S-6 (2')	Total/NA	Solid	8015B NM	97706
880-52124-30	S-6 (3')	Total/NA	Solid	8015B NM	97706
880-52124-31	S-6 (4')	Total/NA	Solid	8015B NM	97706
880-52124-32	S-6 (5')	Total/NA	Solid	8015B NM	97706
880-52124-33	S-7 (0-1')	Total/NA	Solid	8015B NM	97706
880-52124-34	S-7 (2')	Total/NA	Solid	8015B NM	97706
880-52124-35	S-7 (3')	Total/NA	Solid	8015B NM	97706
880-52124-36	S-7 (4')	Total/NA	Solid	8015B NM	97706
880-52124-37	S-7 (5')	Total/NA	Solid	8015B NM	97706
MB 880-97706/1-A	Method Blank	Total/NA	Solid	8015B NM	97706
LCS 880-97706/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	97706
LCSD 880-97706/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	97706
880-52124-26 MS	S-5 (4')	Total/NA	Solid	8015B NM	97706
880-52124-26 MSD	S-5 (4')	Total/NA	Solid	8015B NM	97706

Analysis Batch: 97980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-52124-2	S-1 (2')	Total/NA	Solid	8015 NM	
880-52124-3	S-1 (3')	Total/NA	Solid	8015 NM	
880-52124-4	S-1 (4')	Total/NA	Solid	8015 NM	
880-52124-5	S-1 (5')	Total/NA	Solid	8015 NM	
880-52124-6	S-1 (6')	Total/NA	Solid	8015 NM	
880-52124-7	S-1 (6.5')	Total/NA	Solid	8015 NM	
880-52124-8	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-52124-9	S-2 (2')	Total/NA	Solid	8015 NM	
880-52124-10	S-2 (3')	Total/NA	Solid	8015 NM	
880-52124-11	S-2 (4')	Total/NA	Solid	8015 NM	
880-52124-12	S-2 (5')	Total/NA	Solid	8015 NM	
880-52124-13	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-52124-14	S-3 (2')	Total/NA	Solid	8015 NM	
880-52124-15	S-3 (3')	Total/NA	Solid	8015 NM	
880-52124-16	S-3 (4')	Total/NA	Solid	8015 NM	
880-52124-17	S-3 (5')	Total/NA	Solid	8015 NM	
880-52124-18	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-52124-19	S-4 (2')	Total/NA	Solid	8015 NM	
880-52124-20	S-4 (3')	Total/NA	Solid	8015 NM	
880-52124-21	S-4 (4')	Total/NA	Solid	8015 NM	
880-52124-22	S-4 (5')	Total/NA	Solid	8015 NM	
880-52124-23	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-52124-24	S-5 (2')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

GC Semi VOA (Continued)

Analysis Batch: 97980 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-25	S-5 (3')	Total/NA	Solid	8015 NM	
880-52124-26	S-5 (4')	Total/NA	Solid	8015 NM	
880-52124-27	S-5 (5')	Total/NA	Solid	8015 NM	
880-52124-28	S-6 (0-1')	Total/NA	Solid	8015 NM	
880-52124-29	S-6 (2')	Total/NA	Solid	8015 NM	
880-52124-30	S-6 (3')	Total/NA	Solid	8015 NM	
880-52124-31	S-6 (4')	Total/NA	Solid	8015 NM	
880-52124-32	S-6 (5')	Total/NA	Solid	8015 NM	
880-52124-33	S-7 (0-1')	Total/NA	Solid	8015 NM	
880-52124-34	S-7 (2')	Total/NA	Solid	8015 NM	
880-52124-35	S-7 (3')	Total/NA	Solid	8015 NM	
880-52124-36	S-7 (4')	Total/NA	Solid	8015 NM	
880-52124-37	S-7 (5')	Total/NA	Solid	8015 NM	

Analysis Batch: 98179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-1	S-1 (0-1')	Total/NA	Solid	8015B NM	97703
880-52124-2	S-1 (2')	Total/NA	Solid	8015B NM	97703
880-52124-3	S-1 (3')	Total/NA	Solid	8015B NM	97703
880-52124-4	S-1 (4')	Total/NA	Solid	8015B NM	97703
880-52124-5	S-1 (5')	Total/NA	Solid	8015B NM	97703
MB 880-97703/1-A	Method Blank	Total/NA	Solid	8015B NM	97703
LCS 880-97703/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	97703
LCSD 880-97703/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	97703
880-52122-A-14-E MS	Matrix Spike	Total/NA	Solid	8015B NM	97703
880-52122-A-14-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	97703

Analysis Batch: 98181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-6	S-1 (6')	Total/NA	Solid	8015B NM	97704
880-52124-7	S-1 (6.5')	Total/NA	Solid	8015B NM	97704
880-52124-8	S-2 (0-1')	Total/NA	Solid	8015B NM	97704
880-52124-9	S-2 (2')	Total/NA	Solid	8015B NM	97704
880-52124-10	S-2 (3')	Total/NA	Solid	8015B NM	97704
880-52124-11	S-2 (4')	Total/NA	Solid	8015B NM	97704
880-52124-12	S-2 (5')	Total/NA	Solid	8015B NM	97704
880-52124-13	S-3 (0-1')	Total/NA	Solid	8015B NM	97704
880-52124-14	S-3 (2')	Total/NA	Solid	8015B NM	97704
880-52124-15	S-3 (3')	Total/NA	Solid	8015B NM	97704
880-52124-16	S-3 (4')	Total/NA	Solid	8015B NM	97704
880-52124-17	S-3 (5')	Total/NA	Solid	8015B NM	97704
880-52124-18	S-4 (0-1')	Total/NA	Solid	8015B NM	97704
880-52124-19	S-4 (2')	Total/NA	Solid	8015B NM	97704
880-52124-20	S-4 (3')	Total/NA	Solid	8015B NM	97704
880-52124-21	S-4 (4')	Total/NA	Solid	8015B NM	97704
880-52124-22	S-4 (5')	Total/NA	Solid	8015B NM	97704
880-52124-23	S-5 (0-1')	Total/NA	Solid	8015B NM	97704
880-52124-24	S-5 (2')	Total/NA	Solid	8015B NM	97704
880-52124-25	S-5 (3')	Total/NA	Solid	8015B NM	97704
MB 880-97704/1-A	Method Blank	Total/NA	Solid	8015B NM	97704
LCS 880-97704/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	97704

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

GC Semi VOA (Continued)

Analysis Batch: 98181 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-97704/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	97704
880-52124-6 MS	S-1 (6')	Total/NA	Solid	8015B NM	97704
880-52124-6 MSD	S-1 (6')	Total/NA	Solid	8015B NM	97704

HPLC/IC

Leach Batch: 97699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-52124-2	S-1 (2')	Soluble	Solid	DI Leach	
880-52124-3	S-1 (3')	Soluble	Solid	DI Leach	
880-52124-4	S-1 (4')	Soluble	Solid	DI Leach	
880-52124-5	S-1 (5')	Soluble	Solid	DI Leach	
MB 880-97699/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-97699/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-97699/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-52122-A-14-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-52122-A-14-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-52122-A-24-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-52122-A-24-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 97702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-6	S-1 (6')	Soluble	Solid	DI Leach	
880-52124-7	S-1 (6.5')	Soluble	Solid	DI Leach	
880-52124-8	S-2 (0-1')	Soluble	Solid	DI Leach	
880-52124-9	S-2 (2')	Soluble	Solid	DI Leach	
880-52124-10	S-2 (3')	Soluble	Solid	DI Leach	
880-52124-11	S-2 (4')	Soluble	Solid	DI Leach	
880-52124-12	S-2 (5')	Soluble	Solid	DI Leach	
880-52124-13	S-3 (0-1')	Soluble	Solid	DI Leach	
880-52124-14	S-3 (2')	Soluble	Solid	DI Leach	
880-52124-15	S-3 (3')	Soluble	Solid	DI Leach	
880-52124-16	S-3 (4')	Soluble	Solid	DI Leach	
880-52124-17	S-3 (5')	Soluble	Solid	DI Leach	
880-52124-18	S-4 (0-1')	Soluble	Solid	DI Leach	
880-52124-19	S-4 (2')	Soluble	Solid	DI Leach	
880-52124-20	S-4 (3')	Soluble	Solid	DI Leach	
880-52124-21	S-4 (4')	Soluble	Solid	DI Leach	
880-52124-22	S-4 (5')	Soluble	Solid	DI Leach	
880-52124-23	S-5 (0-1')	Soluble	Solid	DI Leach	
880-52124-24	S-5 (2')	Soluble	Solid	DI Leach	
880-52124-25	S-5 (3')	Soluble	Solid	DI Leach	
MB 880-97702/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-97702/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-97702/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-52124-6 MS	S-1 (6')	Soluble	Solid	DI Leach	
880-52124-6 MSD	S-1 (6')	Soluble	Solid	DI Leach	
880-52124-16 MS	S-3 (4')	Soluble	Solid	DI Leach	
880-52124-16 MSD	S-3 (4')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

HPLC/IC

Analysis Batch: 97720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-1	S-1 (0-1')	Soluble	Solid	300.0	97699
880-52124-2	S-1 (2')	Soluble	Solid	300.0	97699
880-52124-3	S-1 (3')	Soluble	Solid	300.0	97699
880-52124-4	S-1 (4')	Soluble	Solid	300.0	97699
880-52124-5	S-1 (5')	Soluble	Solid	300.0	97699
MB 880-97699/1-A	Method Blank	Soluble	Solid	300.0	97699
LCS 880-97699/2-A	Lab Control Sample	Soluble	Solid	300.0	97699
LCSD 880-97699/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	97699
880-52122-A-14-B MS	Matrix Spike	Soluble	Solid	300.0	97699
880-52122-A-14-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	97699
880-52122-A-24-B MS	Matrix Spike	Soluble	Solid	300.0	97699
880-52122-A-24-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	97699

Analysis Batch: 97730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-6	S-1 (6')	Soluble	Solid	300.0	97702
880-52124-7	S-1 (6.5')	Soluble	Solid	300.0	97702
880-52124-8	S-2 (0-1')	Soluble	Solid	300.0	97702
880-52124-9	S-2 (2')	Soluble	Solid	300.0	97702
880-52124-10	S-2 (3')	Soluble	Solid	300.0	97702
880-52124-11	S-2 (4')	Soluble	Solid	300.0	97702
880-52124-12	S-2 (5')	Soluble	Solid	300.0	97702
880-52124-13	S-3 (0-1')	Soluble	Solid	300.0	97702
880-52124-14	S-3 (2')	Soluble	Solid	300.0	97702
880-52124-15	S-3 (3')	Soluble	Solid	300.0	97702
880-52124-16	S-3 (4')	Soluble	Solid	300.0	97702
880-52124-17	S-3 (5')	Soluble	Solid	300.0	97702
880-52124-18	S-4 (0-1')	Soluble	Solid	300.0	97702
880-52124-19	S-4 (2')	Soluble	Solid	300.0	97702
880-52124-20	S-4 (3')	Soluble	Solid	300.0	97702
880-52124-21	S-4 (4')	Soluble	Solid	300.0	97702
880-52124-22	S-4 (5')	Soluble	Solid	300.0	97702
880-52124-23	S-5 (0-1')	Soluble	Solid	300.0	97702
880-52124-24	S-5 (2')	Soluble	Solid	300.0	97702
880-52124-25	S-5 (3')	Soluble	Solid	300.0	97702
MB 880-97702/1-A	Method Blank	Soluble	Solid	300.0	97702
LCS 880-97702/2-A	Lab Control Sample	Soluble	Solid	300.0	97702
LCSD 880-97702/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	97702
880-52124-6 MS	S-1 (6')	Soluble	Solid	300.0	97702
880-52124-6 MSD	S-1 (6')	Soluble	Solid	300.0	97702
880-52124-16 MS	S-3 (4')	Soluble	Solid	300.0	97702
880-52124-16 MSD	S-3 (4')	Soluble	Solid	300.0	97702

Leach Batch: 97762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-26	S-5 (4')	Soluble	Solid	DI Leach	
880-52124-27	S-5 (5')	Soluble	Solid	DI Leach	
880-52124-28	S-6 (0-1')	Soluble	Solid	DI Leach	
880-52124-29	S-6 (2')	Soluble	Solid	DI Leach	
880-52124-30	S-6 (3')	Soluble	Solid	DI Leach	
880-52124-31	S-6 (4')	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

HPLC/IC (Continued)

Leach Batch: 97762 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-32	S-6 (5')	Soluble	Solid	DI Leach	
880-52124-33	S-7 (0-1')	Soluble	Solid	DI Leach	
880-52124-34	S-7 (2')	Soluble	Solid	DI Leach	
880-52124-35	S-7 (3')	Soluble	Solid	DI Leach	
880-52124-36	S-7 (4')	Soluble	Solid	DI Leach	
880-52124-37	S-7 (5')	Soluble	Solid	DI Leach	
MB 880-97762/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-97762/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-97762/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-52124-26 MS	S-5 (4')	Soluble	Solid	DI Leach	
880-52124-26 MSD	S-5 (4')	Soluble	Solid	DI Leach	
880-52124-36 MS	S-7 (4')	Soluble	Solid	DI Leach	
880-52124-36 MSD	S-7 (4')	Soluble	Solid	DI Leach	

Analysis Batch: 97771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52124-26	S-5 (4')	Soluble	Solid	300.0	97762
880-52124-27	S-5 (5')	Soluble	Solid	300.0	97762
880-52124-28	S-6 (0-1')	Soluble	Solid	300.0	97762
880-52124-29	S-6 (2')	Soluble	Solid	300.0	97762
880-52124-30	S-6 (3')	Soluble	Solid	300.0	97762
880-52124-31	S-6 (4')	Soluble	Solid	300.0	97762
880-52124-32	S-6 (5')	Soluble	Solid	300.0	97762
880-52124-33	S-7 (0-1')	Soluble	Solid	300.0	97762
880-52124-34	S-7 (2')	Soluble	Solid	300.0	97762
880-52124-35	S-7 (3')	Soluble	Solid	300.0	97762
880-52124-36	S-7 (4')	Soluble	Solid	300.0	97762
880-52124-37	S-7 (5')	Soluble	Solid	300.0	97762
MB 880-97762/1-A	Method Blank	Soluble	Solid	300.0	97762
LCS 880-97762/2-A	Lab Control Sample	Soluble	Solid	300.0	97762
LCSD 880-97762/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	97762
880-52124-26 MS	S-5 (4')	Soluble	Solid	300.0	97762
880-52124-26 MSD	S-5 (4')	Soluble	Solid	300.0	97762
880-52124-36 MS	S-7 (4')	Soluble	Solid	300.0	97762
880-52124-36 MSD	S-7 (4')	Soluble	Solid	300.0	97762

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-52124-1

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97713	12/12/24 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97666	12/12/24 20:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/12/24 20:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/19/24 00:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/19/24 00:45	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	97720	12/12/24 17:34	CH	EET MID

Client Sample ID: S-1 (2')

Lab Sample ID: 880-52124-2

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97713	12/12/24 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97666	12/12/24 21:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/12/24 21:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/19/24 00:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/19/24 00:59	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97720	12/12/24 17:40	CH	EET MID

Client Sample ID: S-1 (3')

Lab Sample ID: 880-52124-3

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	97713	12/12/24 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97666	12/12/24 21:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/12/24 21:44	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/19/24 01:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/19/24 01:15	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97720	12/12/24 17:46	CH	EET MID

Client Sample ID: S-1 (4')

Lab Sample ID: 880-52124-4

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97774	12/12/24 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97791	12/13/24 17:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 17:07	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-1 (4')

Lab Sample ID: 880-52124-4

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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			97980	12/19/24 01:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/19/24 01:29	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97720	12/12/24 17:52	CH	EET MID

Client Sample ID: S-1 (5')

Lab Sample ID: 880-52124-5

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	97774	12/12/24 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97791	12/13/24 17:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 17:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/19/24 01:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	97703	12/12/24 09:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98179	12/19/24 01:43	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	97699	12/12/24 09:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97720	12/12/24 17:58	CH	EET MID

Client Sample ID: S-1 (6')

Lab Sample ID: 880-52124-6

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97774	12/12/24 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97791	12/13/24 17:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 17:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/18/24 20:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/18/24 20:18	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97730	12/12/24 15:19	CH	EET MID

Client Sample ID: S-1 (6.5')

Lab Sample ID: 880-52124-7

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	97774	12/12/24 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97791	12/13/24 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 18:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/18/24 21:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/18/24 21:02	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-1 (6.5')

Lab Sample ID: 880-52124-7

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	97730	12/12/24 15:35	CH	EET MID

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

Lab Sample ID: 880-52124-8

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97774	12/12/24 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97791	12/13/24 18:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 18:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/18/24 21:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/18/24 21:17	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 15:40	CH	EET MID

Client Sample ID: S-2 (2')

Lab Sample ID: 880-52124-9

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97774	12/12/24 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97791	12/13/24 18:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 18:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/18/24 21:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/18/24 21:31	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 15:46	CH	EET MID

Client Sample ID: S-2 (3')

Lab Sample ID: 880-52124-10

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 21:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/12/24 21:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/18/24 21:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/18/24 21:47	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 15:51	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-2 (4')

Lab Sample ID: 880-52124-11

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 22:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/12/24 22:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/18/24 22:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/18/24 22:01	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 16:07	CH	EET MID

Client Sample ID: S-2 (5')

Lab Sample ID: 880-52124-12

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 22:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/12/24 22:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/18/24 22:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/18/24 22:16	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 16:12	CH	EET MID

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

Lab Sample ID: 880-52124-13

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 22:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/12/24 22:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/18/24 22:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/18/24 22:31	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 16:17	CH	EET MID

Client Sample ID: S-3 (2')

Lab Sample ID: 880-52124-14

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 23:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/12/24 23:20	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-3 (2')**Lab Sample ID: 880-52124-14****Date Collected: 12/11/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:15**

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			97980	12/18/24 22:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/18/24 22:46	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 16:23	CH	EET MID

Client Sample ID: S-3 (3')**Lab Sample ID: 880-52124-15****Date Collected: 12/11/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:15**

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	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/12/24 23:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/12/24 23:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/18/24 23:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/18/24 23:01	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 16:28	CH	EET MID

Client Sample ID: S-3 (4')**Lab Sample ID: 880-52124-16****Date Collected: 12/11/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:15**

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	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/13/24 00:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 00:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/18/24 23:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/18/24 23:31	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 16:33	CH	EET MID

Client Sample ID: S-3 (5')**Lab Sample ID: 880-52124-17****Date Collected: 12/11/24 00:00****Matrix: Solid****Date Received: 12/11/24 15:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/13/24 00:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 00:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/18/24 23:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/18/24 23:46	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-3 (5')

Date Collected: 12/11/24 00:00

Date Received: 12/11/24 15:15

Lab Sample ID: 880-52124-17

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	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 16:49	CH	EET MID

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

Date Collected: 12/11/24 00:00

Date Received: 12/11/24 15:15

Lab Sample ID: 880-52124-18

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			4.98 g	5 mL	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/13/24 00:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 00:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/19/24 00:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/19/24 00:00	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 16:54	CH	EET MID

Client Sample ID: S-4 (2')

Date Collected: 12/11/24 00:00

Date Received: 12/11/24 15:15

Lab Sample ID: 880-52124-19

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			4.95 g	5 mL	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/13/24 01:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 01:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/19/24 00:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/19/24 00:16	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 17:10	CH	EET MID

Client Sample ID: S-4 (3')

Date Collected: 12/11/24 00:00

Date Received: 12/11/24 15:15

Lab Sample ID: 880-52124-20

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			4.99 g	5 mL	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/13/24 02:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 02:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/19/24 00:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/19/24 00:30	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 17:15	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-4 (4')

Lab Sample ID: 880-52124-21

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/13/24 02:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 02:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/19/24 00:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/19/24 00:45	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 17:21	CH	EET MID

Client Sample ID: S-4 (5')

Lab Sample ID: 880-52124-22

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/13/24 03:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 03:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/19/24 00:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/19/24 00:59	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 17:26	CH	EET MID

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

Lab Sample ID: 880-52124-23

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/13/24 03:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 03:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/19/24 01:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/19/24 01:15	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 17:31	CH	EET MID

Client Sample ID: S-5 (2')

Lab Sample ID: 880-52124-24

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/13/24 03:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 03:47	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-5 (2')

Lab Sample ID: 880-52124-24

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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			97980	12/19/24 01:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/19/24 01:29	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 17:36	CH	EET MID

Client Sample ID: S-5 (3')

Lab Sample ID: 880-52124-25

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	97710	12/12/24 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97662	12/13/24 04:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 04:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/19/24 01:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	97704	12/12/24 09:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98181	12/19/24 01:43	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	97702	12/12/24 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97730	12/12/24 17:42	CH	EET MID

Client Sample ID: S-5 (4')

Lab Sample ID: 880-52124-26

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	97717	12/12/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97795	12/13/24 12:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 12:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/16/24 13:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97706	12/12/24 09:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97954	12/16/24 13:59	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	97762	12/12/24 14:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97771	12/13/24 00:33	CH	EET MID

Client Sample ID: S-5 (5')

Lab Sample ID: 880-52124-27

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97717	12/12/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97795	12/13/24 12:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 12:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/16/24 14:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97706	12/12/24 09:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97954	12/16/24 14:58	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-5 (5')

Date Collected: 12/11/24 00:00

Date Received: 12/11/24 15:15

Lab Sample ID: 880-52124-27

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	97762	12/12/24 14:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97771	12/13/24 00:49	CH	EET MID

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

Date Collected: 12/11/24 00:00

Date Received: 12/11/24 15:15

Lab Sample ID: 880-52124-28

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			5.05 g	5 mL	97717	12/12/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97795	12/13/24 13:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 13:26	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/16/24 15:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	97706	12/12/24 09:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97954	12/16/24 15:12	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	97762	12/12/24 14:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97771	12/13/24 00:55	CH	EET MID

Client Sample ID: S-6 (2')

Date Collected: 12/11/24 00:00

Date Received: 12/11/24 15:15

Lab Sample ID: 880-52124-29

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			5.02 g	5 mL	97717	12/12/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97795	12/13/24 13:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 13:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/16/24 15:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	97706	12/12/24 09:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97954	12/16/24 15:27	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	97762	12/12/24 14:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97771	12/13/24 01:00	CH	EET MID

Client Sample ID: S-6 (3')

Date Collected: 12/11/24 00:00

Date Received: 12/11/24 15:15

Lab Sample ID: 880-52124-30

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			5.04 g	5 mL	97717	12/12/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97795	12/13/24 14:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 14:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/16/24 15:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	97706	12/12/24 09:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97954	12/16/24 15:41	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	97762	12/12/24 14:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97771	12/13/24 01:05	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-6 (4')

Lab Sample ID: 880-52124-31

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97717	12/12/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97795	12/13/24 14:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 14:45	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/16/24 15:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	97706	12/12/24 09:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97954	12/16/24 15:56	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	97762	12/12/24 14:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97771	12/13/24 01:21	CH	EET MID

Client Sample ID: S-6 (5')

Lab Sample ID: 880-52124-32

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	97717	12/12/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97795	12/13/24 15:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 15:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/16/24 16:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97706	12/12/24 09:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97954	12/16/24 16:10	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	97762	12/12/24 14:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97771	12/13/24 01:37	CH	EET MID

Client Sample ID: S-7 (0-1')

Lab Sample ID: 880-52124-33

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97717	12/12/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97795	12/13/24 15:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 15:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/16/24 16:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	97706	12/12/24 09:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97954	12/16/24 16:24	TKC	EET MID
Soluble	Leach	DI Leach			5.0 g	50 mL	97762	12/12/24 14:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97771	12/13/24 01:26	CH	EET MID

Client Sample ID: S-7 (2')

Lab Sample ID: 880-52124-34

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97717	12/12/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97795	12/13/24 16:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 16:04	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-7 (2')

Lab Sample ID: 880-52124-34

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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			97980	12/16/24 16:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	97706	12/12/24 09:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97954	12/16/24 16:39	TKC	EET MID
Soluble	Leach	DI Leach			44.96 g	50 mL	97762	12/12/24 14:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97771	12/13/24 01:31	CH	EET MID

Client Sample ID: S-7 (3')

Lab Sample ID: 880-52124-35

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97717	12/12/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97795	12/13/24 16:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/13/24 16:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/16/24 17:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	97706	12/12/24 09:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97954	12/16/24 17:55	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	97762	12/12/24 14:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97771	12/13/24 01:42	CH	EET MID

Client Sample ID: S-7 (4')

Lab Sample ID: 880-52124-36

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97928	12/16/24 10:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97907	12/16/24 14:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/16/24 14:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/16/24 18:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	97706	12/12/24 09:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97954	12/16/24 18:08	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	97762	12/12/24 14:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97771	12/13/24 01:47	CH	EET MID

Client Sample ID: S-7 (5')

Lab Sample ID: 880-52124-37

Date Collected: 12/11/24 00:00

Matrix: Solid

Date Received: 12/11/24 15:15

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	97928	12/16/24 10:04	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97907	12/16/24 15:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97869	12/16/24 15:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			97980	12/16/24 18:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	97706	12/12/24 09:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97954	12/16/24 18:23	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Client Sample ID: S-7 (5')
Date Collected: 12/11/24 00:00
Date Received: 12/11/24 15:15

Lab Sample ID: 880-52124-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	97762	12/12/24 14:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	97771	12/13/24 02:03	CH	EET MID

Laboratory References:

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-52124-1
SDG: Eddy Co NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-52124-1	S-1 (0-1')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-2	S-1 (2')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-3	S-1 (3')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-4	S-1 (4')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-5	S-1 (5')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-6	S-1 (6')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-7	S-1 (6.5')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-8	S-2 (0-1')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-9	S-2 (2')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-10	S-2 (3')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-11	S-2 (4')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-12	S-2 (5')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-13	S-3 (0-1')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-14	S-3 (2')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-15	S-3 (3')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-16	S-3 (4')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-17	S-3 (5')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-18	S-4 (0-1')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-19	S-4 (2')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-20	S-4 (3')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-21	S-4 (4')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-22	S-4 (5')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-23	S-5 (0-1')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-24	S-5 (2')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-25	S-5 (3')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-26	S-5 (4')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-27	S-5 (5')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-28	S-6 (0-1')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-29	S-6 (2')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-30	S-6 (3')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-31	S-6 (4')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-32	S-6 (5')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-33	S-7 (0-1')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-34	S-7 (2')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-35	S-7 (3')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-36	S-7 (4')	Solid	12/11/24 00:00	12/11/24 15:15
880-52124-37	S-7 (5')	Solid	12/11/24 00:00	12/11/24 15:15

Chain of Custody



880-52124 Chain of Custody

Page 1 of 4

Project Manager:	Ashton Thielke	Bill to: (if different)	Cammona Resources
Company Name:	Cammona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Cammonaresources.com

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

Project Name:	Greenwood Federal Com #002	Turn Around	☒ Routine ☐ Rush	Pre. Code		ANALYSIS REQUEST										Preservative Codes		
Project Number:	2569																None: NO	DI Water: H ₂ O
Project Location:	Eddy Co. NM	Due Date:	Normal														Cool: Cool	MeOH: Me
Sampler's Name:	IR/JDC	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Tamp Blank:	Yes No	Wet Ice:	Yes No												H ₃ PO ₄ : HP	
Received Inact:	Yes No	Thermometer ID:															NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No	Correction Factor:															Na ₂ S ₂ O ₅ : NaSO ₃	
Sample Custody Seals:	Yes No	Temperature Reading:															Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
S-1 (0-1')	12/1/2024		X		G	1	X	X	X									
S-1 (2')	12/1/2024		X		G	1	X	X	X									
S-1 (3')	12/1/2024		X		G	1	X	X	X									
S-1 (4')	12/1/2024		X		G	1	X	X	X									
S-1 (5')	12/1/2024		X		G	1	X	X	X									
S-1 (6')	12/1/2024		X		G	1	X	X	X									
S-1 (6.5')	12/1/2024		X		G	1	X	X	X									
S-2 (0-1')	12/1/2024		X		G	1	X	X	X									
S-2 (2')	12/1/2024		X		G	1	X	X	X									
S-2 (3')	12/1/2024		X		G	1	X	X	X									

Please send results to cmoehring@cammonaresources.com and mcammona@cammonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		12-11-24			

Chain of Custody

Loc: 880
52124

Page 2 of 4

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

Program: ☐ UST/ST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	Deliverables: ☐ EDD ☐ ADAPT ☐ Other:

Project Name:	Greenwood Federal Com #002	Turn Around	☒ Routine ☐ Rush	Para. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	2569	Due Date:	Normal														None: NO	DI Water: H ₂ O		
Project Location:	Eddy Co. NM	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool	MeOH: Me		
Sampler's Name:	IR/JDC																HCL: HC	HNO ₃ : HN		
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No											H ₃ PO ₄ : HP			
	Received Intact:	Yes	No	Thermometer ID:											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: SABC				
Sample Identification	Date	Time	Soil	Water	Grav/Comp	# of Cont													Sample Comments	
S-2 (4')	12/11/2024		X		G	1	X	X	X	X										
S-2 (5')	12/11/2024		X		G	1	X	X	X	X										
S-3 (0-1')	12/11/2024		X		G	1	X	X	X	X										
S-3 (2')	12/11/2024		X		G	1	X	X	X	X										
S-3 (3')	12/11/2024		X		G	1	X	X	X	X										
S-3 (4')	12/11/2024		X		G	1	X	X	X	X										
S-3 (5')	12/11/2024		X		G	1	X	X	X	X										
S-4 (0-1')	12/11/2024		X		G	1	X	X	X	X										
S-4 (2')	12/11/2024		X		G	1	X	X	X	X										
S-4 (3')	12/11/2024		X		G	1	X	X	X	X										

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		12-11-24			

Chain of Custody

Work Order No: 52124

Page 3 of 4

Project Manager:	Ashton Thielke	Bill to: (if different)	Camrona Resources
Company Name:	Camrona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@camronaresources.com

Project Name:		Greenwood Federal Com #002	Turn Around		Prst. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	2569	☒ Routine ☐ Rush	Due Date:	Normal														None: NO	DI Water: H ₂ O		
Project Location:	Eddy Co, NM																	Cool: Cool	MeOH: Me		
Sampler's Name:	IR/JDC	TAT starts the day received by the lab, if received by 4:30pm																HCL: HC	HNO ₃ : HN		
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na		

SAMPLE RECEIPT		Temp Blank:	Yes	No	Well Ice:	Yes	No	HOLD											
Received Intact:	Yes	No	Thermometer ID:													NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes	No	Correction Factor:													Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:	Yes	No	Temperature Reading:													Zn Acetate+NaOH: Zn			
Total Containers:			Corrected Temperature:													NaOH+Ascorbic Acid: SAPC			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
S-4 (4')	12/11/2024		X		G	1	X	X	X										
S-4 (5')	12/11/2024		X		G	1	X	X	X										
S-5 (0-1')	12/11/2024		X		G	1	X	X	X										
S-5 (2')	12/11/2024		X		G	1	X	X	X										
S-5 (3')	12/11/2024		X		G	1	X	X	X										
S-5 (4')	12/11/2024		X		G	1	X	X	X										
S-5 (5')	12/11/2024		X		G	1	X	X	X										
S-6 (0-1')	12/11/2024		X		G	1	X	X	X										
S-6 (2')	12/11/2024		X		G	1	X	X	X										
S-6 (3')	12/11/2024		X		G	1	X	X	X										

Please send results to cmoehring@camronaresources.com and mcamrona@camronaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		12-11-24			

Work Order No:

5/2/24

Page 4 of 4

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

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

[illegible]

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		12-11-21			

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-52124-1

SDG Number: Eddy Co NM

Login Number: 52124

List Source: Eurofins Midland

List Number: 1

Creator: Kramer, Jessica

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



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

January 29, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: GREENWOOD FEDERAL COM #002

Enclosed are the results of analyses for samples received by the laboratory on 01/28/25 13:57.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: CS - 1 (9.0') (H250500-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2025	ND	2.34	117	2.00	4.60	
Toluene*	<0.050	0.050	01/28/2025	ND	2.32	116	2.00	1.34	
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.37	119	2.00	1.72	
Total Xylenes*	<0.150	0.150	01/28/2025	ND	7.08	118	6.00	1.74	
Total BTX	<0.300	0.300	01/28/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	01/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/29/2025	ND	232	116	200	0.742	
DRO >C10-C28*	<10.0	10.0	01/29/2025	ND	211	105	200	0.0979	
EXT DRO >C28-C36	<10.0	10.0	01/29/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: CS - 2 (9.0') (H250500-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2025	ND	2.34	117	2.00	4.60	
Toluene*	<0.050	0.050	01/28/2025	ND	2.32	116	2.00	1.34	
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.37	119	2.00	1.72	
Total Xylenes*	<0.150	0.150	01/28/2025	ND	7.08	118	6.00	1.74	
Total BTEX	<0.300	0.300	01/28/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	01/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/29/2025	ND	232	116	200	0.742	
DRO >C10-C28*	<10.0	10.0	01/29/2025	ND	211	105	200	0.0979	
EXT DRO >C28-C36	<10.0	10.0	01/29/2025	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: CS - 3 (9.0') (H250500-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2025	ND	2.34	117	2.00	4.60		
Toluene*	<0.050	0.050	01/28/2025	ND	2.32	116	2.00	1.34		
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.37	119	2.00	1.72		
Total Xylenes*	<0.150	0.150	01/28/2025	ND	7.08	118	6.00	1.74		
Total BTEX	<0.300	0.300	01/28/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	01/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/29/2025	ND	232	116	200	0.742	
DRO >C10-C28*	<10.0	10.0	01/29/2025	ND	211	105	200	0.0979	
EXT DRO >C28-C36	<10.0	10.0	01/29/2025	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: CS - 4 (9.0') (H250500-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2025	ND	2.34	117	2.00	4.60	
Toluene*	<0.050	0.050	01/28/2025	ND	2.32	116	2.00	1.34	
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.37	119	2.00	1.72	
Total Xylenes*	<0.150	0.150	01/28/2025	ND	7.08	118	6.00	1.74	
Total BTEX	<0.300	0.300	01/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	01/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/29/2025	ND	232	116	200	0.742	
DRO >C10-C28*	<10.0	10.0	01/29/2025	ND	211	105	200	0.0979	
EXT DRO >C28-C36	<10.0	10.0	01/29/2025	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: CS - 5 (9.0') (H250500-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2025	ND	2.34	117	2.00	4.60		
Toluene*	<0.050	0.050	01/28/2025	ND	2.32	116	2.00	1.34		
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.37	119	2.00	1.72		
Total Xylenes*	<0.150	0.150	01/28/2025	ND	7.08	118	6.00	1.74		
Total BTEX	<0.300	0.300	01/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	01/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/29/2025	ND	232	116	200	0.742	
DRO >C10-C28*	<10.0	10.0	01/29/2025	ND	211	105	200	0.0979	
EXT DRO >C28-C36	<10.0	10.0	01/29/2025	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: CS - 6 (9.0') (H250500-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2025	ND	2.34	117	2.00	4.60		
Toluene*	<0.050	0.050	01/28/2025	ND	2.32	116	2.00	1.34		
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.37	119	2.00	1.72		
Total Xylenes*	<0.150	0.150	01/28/2025	ND	7.08	118	6.00	1.74		
Total BTEX	<0.300	0.300	01/28/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	01/29/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/29/2025	ND	232	116	200	0.742	
DRO >C10-C28*	<10.0	10.0	01/29/2025	ND	211	105	200	0.0979	
EXT DRO >C28-C36	<10.0	10.0	01/29/2025	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: CS - 7 (9.0') (H250500-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2025	ND	2.34	117	2.00	4.60		
Toluene*	<0.050	0.050	01/28/2025	ND	2.32	116	2.00	1.34		
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.37	119	2.00	1.72		
Total Xylenes*	<0.150	0.150	01/28/2025	ND	7.08	118	6.00	1.74		
Total BTEX	<0.300	0.300	01/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	01/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/29/2025	ND	232	116	200	0.742	
DRO >C10-C28*	<10.0	10.0	01/29/2025	ND	211	105	200	0.0979	
EXT DRO >C28-C36	<10.0	10.0	01/29/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: CS - 8 (9.0') (H250500-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2025	ND	2.34	117	2.00	4.60		
Toluene*	<0.050	0.050	01/28/2025	ND	2.32	116	2.00	1.34		
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.37	119	2.00	1.72		
Total Xylenes*	<0.150	0.150	01/28/2025	ND	7.08	118	6.00	1.74		
Total BTEX	<0.300	0.300	01/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	01/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/29/2025	ND	232	116	200	0.742	
DRO >C10-C28*	<10.0	10.0	01/29/2025	ND	211	105	200	0.0979	
EXT DRO >C28-C36	<10.0	10.0	01/29/2025	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: CS - 9 (9.0') (H250500-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2025	ND	2.34	117	2.00	4.60		
Toluene*	<0.050	0.050	01/28/2025	ND	2.32	116	2.00	1.34		
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.37	119	2.00	1.72		
Total Xylenes*	<0.150	0.150	01/28/2025	ND	7.08	118	6.00	1.74		
Total BTEX	<0.300	0.300	01/28/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	01/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/29/2025	ND	232	116	200	0.742	
DRO >C10-C28*	<10.0	10.0	01/29/2025	ND	211	105	200	0.0979	
EXT DRO >C28-C36	<10.0	10.0	01/29/2025	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: SW - 1 (9.0') (H250500-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2025	ND	2.05	103	2.00	0.495		
Toluene*	<0.050	0.050	01/28/2025	ND	2.14	107	2.00	0.457		
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.07	104	2.00	0.612		
Total Xylenes*	<0.150	0.150	01/28/2025	ND	6.07	101	6.00	0.523		
Total BTEX	<0.300	0.300	01/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	01/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2025	ND	218	109	200	2.61	
DRO >C10-C28*	<10.0	10.0	01/28/2025	ND	212	106	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	01/28/2025	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: SW - 2 (9.0') (H250500-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2025	ND	2.05	103	2.00	0.495		
Toluene*	<0.050	0.050	01/28/2025	ND	2.14	107	2.00	0.457		
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.07	104	2.00	0.612		
Total Xylenes*	<0.150	0.150	01/28/2025	ND	6.07	101	6.00	0.523		
Total BTEX	<0.300	0.300	01/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	01/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2025	ND	218	109	200	2.61	
DRO >C10-C28*	<10.0	10.0	01/28/2025	ND	212	106	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	01/28/2025	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: SW - 3 (9.0') (H250500-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2025	ND	2.05	103	2.00	0.495		
Toluene*	<0.050	0.050	01/28/2025	ND	2.14	107	2.00	0.457		
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.07	104	2.00	0.612		
Total Xylenes*	<0.150	0.150	01/28/2025	ND	6.07	101	6.00	0.523		
Total BTEx	<0.300	0.300	01/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/29/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2025	ND	218	109	200	2.61	
DRO >C10-C28*	<10.0	10.0	01/28/2025	ND	212	106	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	01/28/2025	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: SW - 4 (9.0') (H250500-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2025	ND	2.05	103	2.00	0.495		
Toluene*	<0.050	0.050	01/28/2025	ND	2.14	107	2.00	0.457		
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.07	104	2.00	0.612		
Total Xylenes*	<0.150	0.150	01/28/2025	ND	6.07	101	6.00	0.523		
Total BTEX	<0.300	0.300	01/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	01/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/28/2025	ND	218	109	200	2.61		
DRO >C10-C28*	<10.0	10.0	01/28/2025	ND	212	106	200	6.04		
EXT DRO >C28-C36	<10.0	10.0	01/28/2025	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: SW - 5 (9.0') (H250500-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2025	ND	2.05	103	2.00	0.495		
Toluene*	<0.050	0.050	01/28/2025	ND	2.14	107	2.00	0.457		
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.07	104	2.00	0.612		
Total Xylenes*	<0.150	0.150	01/28/2025	ND	6.07	101	6.00	0.523		
Total BTEX	<0.300	0.300	01/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	01/29/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2025	ND	218	109	200	2.61	
DRO >C10-C28*	<10.0	10.0	01/28/2025	ND	212	106	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	01/28/2025	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: SW - 6 (9.0') (H250500-15)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2025	ND	2.05	103	2.00	0.495	
Toluene*	<0.050	0.050	01/28/2025	ND	2.14	107	2.00	0.457	
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.07	104	2.00	0.612	
Total Xylenes*	<0.150	0.150	01/28/2025	ND	6.07	101	6.00	0.523	
Total BTEX	<0.300	0.300	01/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	01/29/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2025	ND	218	109	200	2.61	
DRO >C10-C28*	<10.0	10.0	01/28/2025	ND	212	106	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	01/28/2025	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: SW - 7 (9.0') (H250500-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2025	ND	2.05	103	2.00	0.495		
Toluene*	<0.050	0.050	01/28/2025	ND	2.14	107	2.00	0.457		
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.07	104	2.00	0.612		
Total Xylenes*	<0.150	0.150	01/28/2025	ND	6.07	101	6.00	0.523		
Total BTEX	<0.300	0.300	01/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/29/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2025	ND	218	109	200	2.61	
DRO >C10-C28*	<10.0	10.0	01/28/2025	ND	212	106	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	01/28/2025	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: SW - 8 (9.0') (H250500-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2025	ND	2.05	103	2.00	0.495		
Toluene*	<0.050	0.050	01/28/2025	ND	2.14	107	2.00	0.457		
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.07	104	2.00	0.612		
Total Xylenes*	<0.150	0.150	01/28/2025	ND	6.07	101	6.00	0.523		
Total BTEX	<0.300	0.300	01/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/29/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2025	ND	218	109	200	2.61	
DRO >C10-C28*	<10.0	10.0	01/28/2025	ND	212	106	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	01/28/2025	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: SW - 9 (9.0') (H250500-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2025	ND	2.05	103	2.00	0.495	
Toluene*	<0.050	0.050	01/28/2025	ND	2.14	107	2.00	0.457	
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.07	104	2.00	0.612	
Total Xylenes*	<0.150	0.150	01/28/2025	ND	6.07	101	6.00	0.523	
Total BTEX	<0.300	0.300	01/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	01/29/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2025	ND	218	109	200	2.61	
DRO >C10-C28*	<10.0	10.0	01/28/2025	ND	212	106	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	01/28/2025	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	01/28/2025	Sampling Date:	01/28/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	GREENWOOD FEDERAL COM #002	Sampling Condition:	Cool & Intact
Project Number:	2569	Sample Received By:	Alyssa Parras
Project Location:	EDDY CO NM		

Sample ID: SW - 10 (9.0') (H250500-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2025	ND	2.05	103	2.00	0.495		
Toluene*	<0.050	0.050	01/28/2025	ND	2.14	107	2.00	0.457		
Ethylbenzene*	<0.050	0.050	01/28/2025	ND	2.07	104	2.00	0.612		
Total Xylenes*	<0.150	0.150	01/28/2025	ND	6.07	101	6.00	0.523		
Total BTEx	<0.300	0.300	01/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	01/29/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2025	ND	218	109	200	2.61	
DRO >C10-C28*	<10.0	10.0	01/28/2025	ND	212	106	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	01/28/2025	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 1155500

Page 1 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

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

Project Name:	Greenwood Federal Com #002	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	2569	Due Date:	24 Hour												None: NO	DI Water: H ₂ O	
Project Location:	Eddy Co, NM	TAI starts the day received by the lab, if received by 4:30pm													Cool: Cool	MeOH: Me	
Sampler's Name:	Cade														HCL: HC	HNO ₃ : HN	
PO #:															H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT				Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	Parameters							HOLD		
Received Intact:	Yes ☒ No ☐	Thermometer ID:	#144								NaHSO ₄ : NABIS						
Cooler Custody Seals:	Yes ☒ No ☐ N/A	Correction Factor:	6.04								Na ₂ S ₂ O ₃ : NaSO ₃						
Sample Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading:	58.2								Zn Acetate+NaOH: Zn						
Total Containers:		Corrected Temperature:	52.2								NaOH+Ascorbic Acid: SAPC						
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
1 CS-1 (9.0')	1/28/2025		X		Comp	1	X	X	X								
2 CS-2 (9.0')	1/28/2025		X		Comp	1	X	X	X								
3 CS-3 (9.0')	1/28/2025		X		Comp	1	X	X	X								
4 CS-4 (9.0')	1/28/2025		X		Comp	1	X	X	X								
5 CS-5 (9.0')	1/28/2025		X		Comp	1	X	X	X								
6 CS-6 (9.0')	1/28/2025		X		Comp	1	X	X	X								
7 CS-7 (9.0')	1/28/2025		X		Comp	1	X	X	X								
8 CS-8 (9.0')	1/28/2025		X		Comp	1	X	X	X								
9 CS-9 (9.0')	1/28/2025		X		Comp	1	X	X	X								
10 SW-1 (9.0')	1/28/2025		X		Comp	1	X	X	X								

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Lee Martin</u>	<u>APAVAO</u>	<u>1:55:55 / 1/28/25</u>			

Chain of Custody

Work Order No: HA50500Page 2 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

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

Project Name:	Greenwood Federal Com #002	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	2569	☐ Routine	☒ Rush															None: NO			
Project Location:	Eddy Co. NM	Due Date:	24 Hour															Cool: Cool			
Sampler's Name:	Cade	TAT starts the day received by the lab, if received by 4:30pm																HCL: HC			
PO #:		Temp Blank:		Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐													H ₂ SO ₄ : H ₂		
SAMPLE RECEIPT		Received Intact:		Yes ☒ No ☐	Thermometer ID:	#1110													H ₃ PO ₄ : HP		
Cooler Custody Seals:		Yes ☒ No ☐ N/A		Correction Factor:	0.0.0.0													NaHSO ₄ : NABIS			
Sample Custody Seals:		Yes ☒ No ☐ N/A		Temperature Reading:	5.8.0													Na ₂ S ₂ O ₃ : NaSO ₃			
Total Containers:		Corrected Temperature:		5.8.0													Zn Acetate+NaOH: Zn				
																	NaOH+Ascorbic Acid: SAPC				
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
11	SW-2 (9.0')	1/28/2025		X		Comp	1	X	X	X											
12	SW-3 (9.0')	1/28/2025		X		Comp	1	X	X	X											
13	SW-4 (9.0')	1/28/2025		X		Comp	1	X	X	X											
14	SW-5 (9.0')	1/28/2025		X		Comp	1	X	X	X											
15	SW-6 (9.0')	1/28/2025		X		Comp	1	X	X	X											
16	SW-7 (9.0')	1/28/2025		X		Comp	1	X	X	X											
17	SW-8 (9.0')	1/28/2025		X		Comp	1	X	X	X											
18	SW-9 (9.0')	1/28/2025		X		Comp	1	X	X	X											
19	SW-10 (9.0')	1/28/2025		X		Comp	1	X	X	X											

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>John Mackay</i>	<i>ADPallas</i>	1:28:35/1/357			2
					4
					6



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/29/2025 3:54:18 PM

JOB DESCRIPTION

Greenwood Federal Com #002
Eddy Co, NM

JOB NUMBER

880-53695-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

Authorization



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1/29/2025 3:54:18 PM

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

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Laboratory Job ID: 880-53695-1
SDG: Eddy Co, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	12
Lab Chronicle	14
Certification Summary	15
Method Summary	16
Sample Summary	17
Chain of Custody	18
Receipt Checklists	19

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-53695-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
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: Greenwood Federal Com #002

Job ID: 880-53695-1

Job ID: 880-53695-1

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Job Narrative 880-53695-1

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 1/28/2025 8:00 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -4.2°C.

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: backfill Sample - 1 (880-53695-1).

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-53695-1
SDG: Eddy Co, NM

Client Sample ID: backfill Sample - 1

Lab Sample ID: 880-53695-1

Date Collected: 01/27/25 00:00

Matrix: Solid

Date Received: 01/28/25 08:00

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		01/28/25 08:35	01/28/25 13:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/28/25 08:35	01/28/25 13:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/28/25 08:35	01/28/25 13:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/28/25 08:35	01/28/25 13:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/28/25 08:35	01/28/25 13:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/28/25 08:35	01/28/25 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	01/28/25 08:35	01/28/25 13:40	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/28/25 08:35	01/28/25 13:40	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			01/28/25 13:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/28/25 12:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/28/25 07:52	01/28/25 12:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/28/25 07:52	01/28/25 12:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/28/25 07:52	01/28/25 12:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	01/28/25 07:52	01/28/25 12:46	1
o-Terphenyl	88		70 - 130	01/28/25 07:52	01/28/25 12:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.2		9.94		mg/Kg			01/29/25 11:15	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-53695-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-53695-1	backfill Sample - 1	105	93
890-7605-A-13-B MS	Matrix Spike	96	100
890-7605-A-13-C MSD	Matrix Spike Duplicate	97	101
LCS 880-101343/1-A	Lab Control Sample	95	100
LCSD 880-101343/2-A	Lab Control Sample Dup	109	98
MB 880-101343/5-A	Method Blank	95	94
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)
880-53695-1	backfill Sample - 1	98	88
890-7605-A-1-B MS	Matrix Spike	81	84
890-7605-A-1-C MSD	Matrix Spike Duplicate	81	83
LCS 880-101336/2-A	Lab Control Sample	87	90
LCSD 880-101336/3-A	Lab Control Sample Dup	87	92
MB 880-101336/1-A	Method Blank	115	107
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-53695-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-101343/5-A

Matrix: Solid

Analysis Batch: 101240

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101343

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/28/25 08:15	01/28/25 11:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/28/25 08:15	01/28/25 11:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/28/25 08:15	01/28/25 11:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/28/25 08:15	01/28/25 11:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/28/25 08:15	01/28/25 11:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/28/25 08:15	01/28/25 11:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/28/25 08:15	01/28/25 11:15	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/28/25 08:15	01/28/25 11:15	1

Lab Sample ID: LCS 880-101343/1-A

Matrix: Solid

Analysis Batch: 101240

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101343

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09541		mg/Kg		95	70 - 130
Toluene	0.100	0.1022		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1057		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.1897		mg/Kg		95	70 - 130
o-Xylene	0.100	0.1066		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-101343/2-A

Matrix: Solid

Analysis Batch: 101240

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101343

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09888		mg/Kg		99	70 - 130	4	35
Toluene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1085		mg/Kg		108	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1958		mg/Kg		98	70 - 130	3	35
o-Xylene	0.100	0.1097		mg/Kg		110	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-7605-A-13-B MS

Matrix: Solid

Analysis Batch: 101240

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 101343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09483		mg/Kg		95	70 - 130
Toluene	<0.00200	U	0.100	0.09875		mg/Kg		99	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-53695-1
SDG: Eddy Co, NM

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

Lab Sample ID: 890-7605-A-13-B MS

Matrix: Solid

Analysis Batch: 101240

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 101343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.09901		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1764		mg/Kg		88	70 - 130
o-Xylene	<0.00200	U	0.100	0.09740		mg/Kg		97	70 - 130
Surrogate	MS %Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	96		70 - 130						
1,4-Difluorobenzene (Surr)	100		70 - 130						

Lab Sample ID: 890-7605-A-13-C MSD

Matrix: Solid

Analysis Batch: 101240

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 101343

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	0.09940		mg/Kg		99	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.1031		mg/Kg		103	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.1040		mg/Kg		104	70 - 130	5	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1838		mg/Kg		92	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.1039		mg/Kg		104	70 - 130	6	35
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	97		70 - 130								
1,4-Difluorobenzene (Surr)	101		70 - 130								

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

Lab Sample ID: MB 880-101336/1-A

Matrix: Solid

Analysis Batch: 101348

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101336

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		01/28/25 07:52	01/28/25 01:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/28/25 07:52	01/28/25 01:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/28/25 07:52	01/28/25 01:04	1
Surrogate	MB %Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				01/28/25 07:52	01/28/25 01:04	1
o-Terphenyl	107		70 - 130				01/28/25 07:52	01/28/25 01:04	1

Lab Sample ID: LCS 880-101336/2-A

Matrix: Solid

Analysis Batch: 101348

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101336

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	813.2		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1000	806.4		mg/Kg		81	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-53695-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-101336/2-A

Matrix: Solid

Analysis Batch: 101348

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101336

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: LCSD 880-101336/3-A

Matrix: Solid

Analysis Batch: 101348

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101336

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	785.9		mg/Kg		79	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	826.4		mg/Kg		83	70 - 130	2	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: 890-7605-A-1-B MS

Matrix: Solid

Analysis Batch: 101348

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 101336

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	996	760.1		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	996	815.7		mg/Kg		80	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	81		70 - 130
o-Terphenyl	84		70 - 130

Lab Sample ID: 890-7605-A-1-C MSD

Matrix: Solid

Analysis Batch: 101348

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 101336

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	996	752.4		mg/Kg		76	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U	996	816.3		mg/Kg		80	70 - 130	0	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	81		70 - 130
o-Terphenyl	83		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-53695-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-101437/1-A
Matrix: Solid
Analysis Batch: 101449

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			01/29/25 10:21	1

Lab Sample ID: LCS 880-101437/2-A
Matrix: Solid
Analysis Batch: 101449

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.0		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-101437/3-A
Matrix: Solid
Analysis Batch: 101449

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	244.4		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-7606-A-23-D MS
Matrix: Solid
Analysis Batch: 101449

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	211		248	477.4		mg/Kg		107	90 - 110

Lab Sample ID: 890-7606-A-23-E MSD
Matrix: Solid
Analysis Batch: 101449

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	211		248	478.5		mg/Kg		108	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-53695-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 101240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53695-1	backfill Sample - 1	Total/NA	Solid	8021B	101343
MB 880-101343/5-A	Method Blank	Total/NA	Solid	8021B	101343
LCS 880-101343/1-A	Lab Control Sample	Total/NA	Solid	8021B	101343
LCSD 880-101343/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101343
890-7605-A-13-B MS	Matrix Spike	Total/NA	Solid	8021B	101343
890-7605-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	101343

Prep Batch: 101343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53695-1	backfill Sample - 1	Total/NA	Solid	5035	
MB 880-101343/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-101343/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-101343/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7605-A-13-B MS	Matrix Spike	Total/NA	Solid	5035	
890-7605-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 101408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53695-1	backfill Sample - 1	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 101336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53695-1	backfill Sample - 1	Total/NA	Solid	8015NM Prep	
MB 880-101336/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101336/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101336/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7605-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7605-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 101348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53695-1	backfill Sample - 1	Total/NA	Solid	8015B NM	101336
MB 880-101336/1-A	Method Blank	Total/NA	Solid	8015B NM	101336
LCS 880-101336/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101336
LCSD 880-101336/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101336
890-7605-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	101336
890-7605-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	101336

Analysis Batch: 101455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53695-1	backfill Sample - 1	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 101437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53695-1	backfill Sample - 1	Soluble	Solid	DI Leach	
MB 880-101437/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-101437/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-101437/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-53695-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 101437 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7606-A-23-D MS	Matrix Spike	Soluble	Solid	DI Leach	
890-7606-A-23-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 101449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-53695-1	backfill Sample - 1	Soluble	Solid	300.0	101437
MB 880-101437/1-A	Method Blank	Soluble	Solid	300.0	101437
LCS 880-101437/2-A	Lab Control Sample	Soluble	Solid	300.0	101437
LCSD 880-101437/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	101437
890-7606-A-23-D MS	Matrix Spike	Soluble	Solid	300.0	101437
890-7606-A-23-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	101437

Lab Chronicle

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-53695-1
SDG: Eddy Co, NM

Client Sample ID: backfill Sample - 1
Date Collected: 01/27/25 00:00
Date Received: 01/28/25 08:00

Lab Sample ID: 880-53695-1
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			5.00 g	5 mL	101343	01/28/25 08:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101240	01/28/25 13:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101408	01/28/25 13:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101455	01/28/25 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101336	01/28/25 07:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101348	01/28/25 12:46	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101437	01/29/25 08:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101449	01/29/25 11:15	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: Greenwood Federal Com #002

Job ID: 880-53695-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-53695-1
SDG: Eddy Co, NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Greenwood Federal Com #002

Job ID: 880-53695-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-53695-1	backfill Sample - 1	Solid	01/27/25 00:00	01/28/25 08:00

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Chain of Custody



880-53695 Chain of Custody

Page 1 of 1

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

Project Name:	Greenwood Federal Com #002	Turn Around	☐ Routine ☒ Rush	Pres. Code	
Project Number:	2569	Due Date:	48 Hour		
Project Location	Eddy Co. NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	JDC				
PO #:					

SAMPLE RECEIPT				ANALYSIS REQUEST				PRESERVATIVE CODES			
Received Intact:	Yes ☒ No ☐	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	Thermometer ID:	IRS	None:	NO	DI Water:	H ₂ O
Cooler Custody Seals:	Yes ☒ No ☐	Yes ☒ No ☐	Correction Factor:	1				Cool:	Cool	MeOH:	Me
Sample Custody Seals:	Yes ☒ No ☐	Yes ☒ No ☐	Temperature Reading:	-4.2				HCL:	HC	HNO ₃ :	HN
Total Containers:			Corrected Temperature:	-4.2				H ₂ SO ₄ :	H ₂	NaOH:	Na
								H ₃ PO ₄ :	HP		
								NaHSO ₄ :	NABIS		
								Na ₂ S ₂ O ₃ :	NaSO ₃		
								Zn Acetate+NaOH:	Zn		
								NaOH+Ascorbic Acid:	SAPC		

Please send results to cmohring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1/2/25		1/28/25 0800			
3					
5					

Revised Date 05/12/2020 Rev. 2020.1

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-53695-1

SDG Number: Eddy Co, NM

Login Number: 53695

List Number: 1

Creator: Vasquez, Julisa

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	

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

QUESTIONS

Action 431631

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 431631
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nTWG1027039130
Incident Name	NTWG1027039130 GREENWOOD FED COM 002 @ 30-015-30680
Incident Type	Unavailable.
Incident Status	Reclamation Report Received
Incident Well	[30-015-30680] GREENWOOD FEDERAL COM #002

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Greenwood Fed Com 002
Date Release Discovered	
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Release Other
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	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Other Other (Specify) Unknown Released: 0 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 0 BBL.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	An initial C-141 was unable to be obtained from the New Mexico Oil Conservation Division (NMOCD) web portal which would typically identify the release date, contents released and volume. During discussions with the NMOCD, several locations were requested to be sampled along the well pad since historical imagery suggested the possibility of contamination being onsite.

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QUESTIONS, Page 2

Action 431631

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 431631
	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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 02/13/2025
--	---

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QUESTIONS, Page 3

Action 431631

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 431631
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	5360
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	124
GRO+DRO (EPA SW-846 Method 8015M)	124
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	01/21/2025
On what date will (or did) the final sampling or liner inspection occur	01/28/2025
On what date will (or was) the remediation complete(d)	02/04/2025
What is the estimated surface area (in square feet) that will be reclaimed	52000
What is the estimated volume (in cubic yards) that will be reclaimed	540
What is the estimated surface area (in square feet) that will be remediated	1620
What is the estimated volume (in cubic yards) that will be remediated	540
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 431631

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 431631
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [FEEM0112342028]
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: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 02/13/2025
<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 431631

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 431631
	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 431631

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 431631
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	424792
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/28/2025
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	450

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	1620
What was the total volume (cubic yards) remediated	540
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	52000
What was the total volume (in cubic yards) reclaimed	540
Summarize any additional remediation activities not included by answers (above)	"Site assessment completed, excavated and remediated areas that exceeded set in Table 1 of NMAC 19.15.29.12/13. Backfilled with clean topsoil(lab confirmed). Even though we did not disturb majority of the well pad, decided to reseed the entire well pad with BLM #2 LPC Sandy seed mix and reclaimed/ripped entire pad to promote seed growth".
<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: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 02/13/2025

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QUESTIONS, Page 7

Action 431631

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 431631
	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	5200
What was the total volume of replacement material (in cubic yards) for this site	540
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	02/03/2025
Summarize any additional reclamation activities not included by answers (above)	"Site assessment completed, excavated and remediated areas that exceeded set in Table 1 of NMAC 19.15.29.12/13. Backfilled with clean topsoil(lab confirmed). Even though we did not disturb majority of the well pad, decided to reseed the entire well pad with BLM #2 LPC Sandy seed mix and reclaimed/ripped entire pad to promote seed growth".
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 02/13/2025

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QUESTIONS, Page 8

Action 431631

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 431631
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
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.	

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 431631

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
scwells	Reclamation and remediation closure approved. A C-141N was submitted on 1/27/25 to collect samples on 1/28/25. Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1)(a) NMAC. Failure to provide proper sampling notice is a compliance issue and the OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1)(a) NMAC.	2/13/2025