

CARMONA RESOURCES



SITE INFORMATION

Closure Report

Salado Draw SWD 13 ROTF Facility (06.03.2025)

Incident # NAPP2515430728

Lea County, New Mexico

Unit M Sec 13 T26S R32E

32.0360508°, -103.6366864°

Produced Water

Point of Release: Equipment Failure in Buried Flow Line.

Release Date: 06.03.2025

Volume Released: 332 Barrels of Produced Water

Volume Recovered: 300 Barrels of Produced Water

CARMONA RESOURCES



Prepared for:

Chevron U.S.A., Inc.

6301 Deauville Blvd

Midland, Texas 79706

Prepared by:

Carmona Resources, LLC

310 West Wall Street

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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 REVEGETATION ACTIVITIES

7.0 CONCLUSIONS

FIGURES

FIGURE 1	OVERVIEW	FIGURE 2	TOPOGRAPHIC
FIGURE 3	SAMPLE LOCATION	FIGURE 4A-4B	EXCAVATION
FIGURE 5	REVEGETATION		

APPENDICES

APPENDIX A TABLES

APPENDIX B PHOTOS

APPENDIX C NMOCD CORRESPONDENCE

APPENDIX D SITE CHARACTERIZATION, GROUNDWATER, & KARST SURVEY

APPENDIX E LABORATORY REPORTS

APPENDIX F SOIL SURVEY

September 18, 2025

New Mexico Oil Conservation Division
1220 South St, Francis Drive
Santa Fe, New Mexico 87505

Re: Closure Report
Salado Draw SWD 13 ROTF Facility (06.03.2025)
Incident ID: nAPP2515430728
Chevron U.S.A., Inc.
Site Location: Unit M, S13, T26S, R32E
Lat 32.0360508°, Long -103.6366864°
Lea County, New Mexico

To whom it may concern:

On behalf of Chevron U.S.A., Inc. (Chevron), Carmona Resources, LLC has prepared this letter to document site assessment, remediation, and revegetation activities for the Salado Draw SWD 13 ROTF Facility release. The site is located at 32.0360508°, -103.6366864° within Unit M, S13, T26S, R32E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on June 3, 2025, caused by equipment failure in a buried flow line. It resulted in approximately three-hundred thirty-two (332) barrels of produced water to be released into the pasture, with three hundred (300) barrels of produced water recovered. The Notification of Release and Initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. On September 24, 2024, Carmona Resources was onsite to drill a groundwater determination bore to 112 feet below ground surface (ft. bgs) within a 0.50-mile radius of the location. The groundwater determination bore is located approximately 0.12 miles Northwest of the site in S14, T26S, R32E (32.036472°, -103.639639°). No water was detected after 72 hours. A copy of the associated well log is attached in Appendix D.

Additionally, two nearby karst surveys were completed on May 28, 2024, and August 14, 2024. The Karst Surveys overlap the remediation discussed in this report and are used to remediate per the standards set in Table 1 NMAC 19.15.29.12 Groundwater >100 feet due to the site being determined to be in a "Low Karst" environment. See Appendix D for Site Characterization, Groundwater Information, and Karst Surveys.

3.0 NMAC Regulatory Criteria

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

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO).
- Chloride: 20,000 mg/kg.



4.0 Site Assessment Activities

Initial Assessment

On June 19, 2025, and June 23, 2025, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release utilizing an air rotary drill rig. A total of nine (9) borehole samples (BH-1 through BH-9), and sixteen (16) horizontal sample points (H-1 through H-16) were installed to total depths ranging from surface to 10 ft bgs inside and surrounding the area of concern. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas, and Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and Chloride by EPA method 300.0 and 4500. 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. 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

Beginning on August 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 July 31, 2025, and August 15, 2025 per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of concern was excavated to a depth of 4.25 ft. bgs. A total of thirty-seven (37) confirmation floor samples (CS-1 through CS-37) were collected every 400 square feet, and thirty-nine (39) sidewall samples (SW-1 through SW-39) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300.0 and 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4A through 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 August 29, 2025, to ensure the material was clean per NMOCD standards. The backfill material was sourced from the local landowner located at 32.026201, -103.681488. Refer to Table 2. Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. A total of approximately 12,105 square feet of contamination was remediated, resulting in approximately 2,200 cubic yards of material excavated and transported offsite for proper disposal.

6.0 Revegetation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. On September 15, 2025, the backfilled areas in the pasture were seeded via hand distribution with the appropriate pounds of pure live seed per acre. The seed mixture used was BLM #2 Sandy. See Figure 5 for the revegetation area. See Appendix F for the soil survey.

7.0 Conclusions

Based on the assessment and analytical data from the remediation, 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

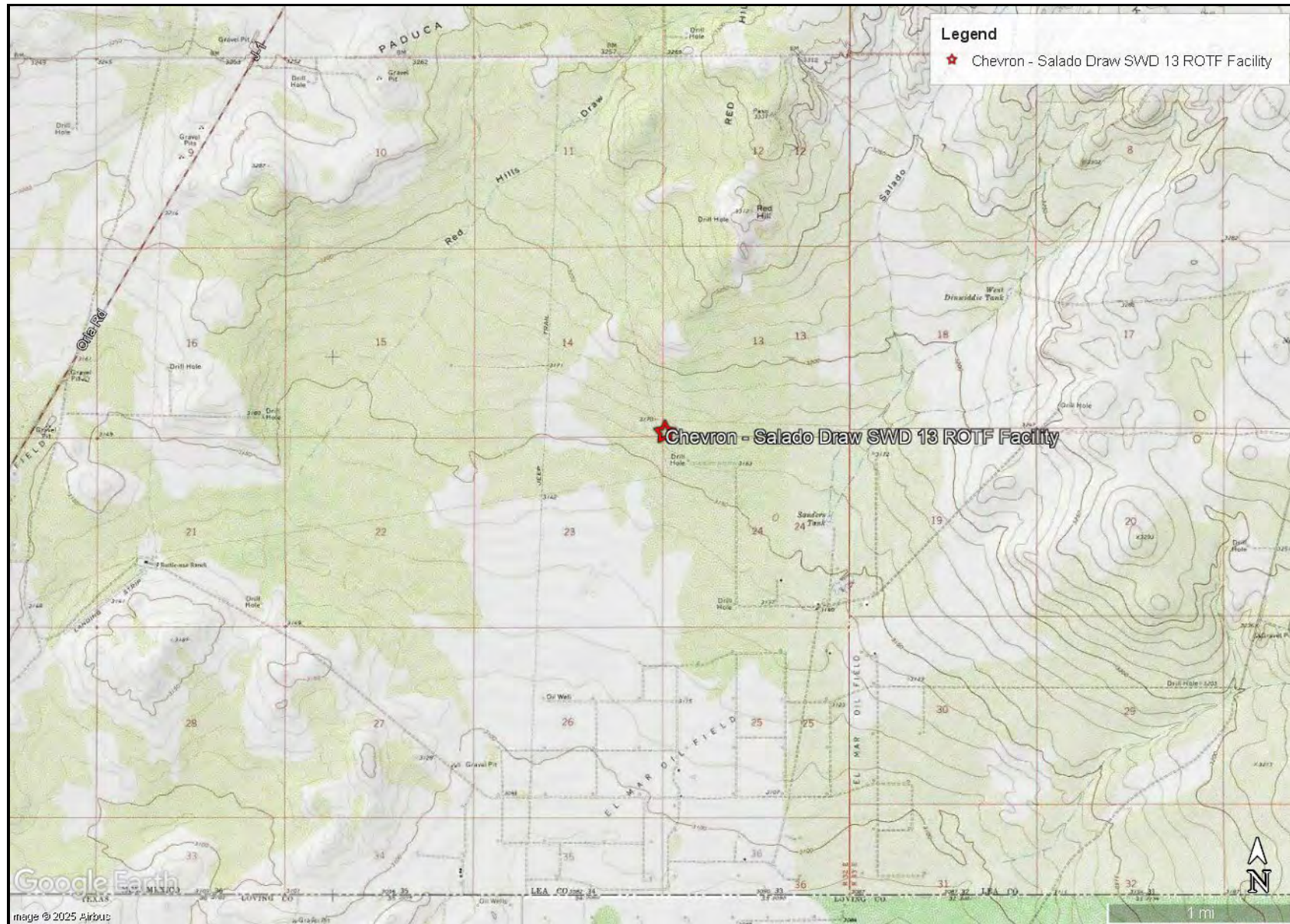




SITE OVERVIEW MAP
CHEVRON U.S.A., INC.
SALADO DRAW SWD 13 ROTF FACILITY (06.03.2025)
LEA COUNTY, NEW MEXICO
32.0360508°, -103.6366864°



FIGURE 1

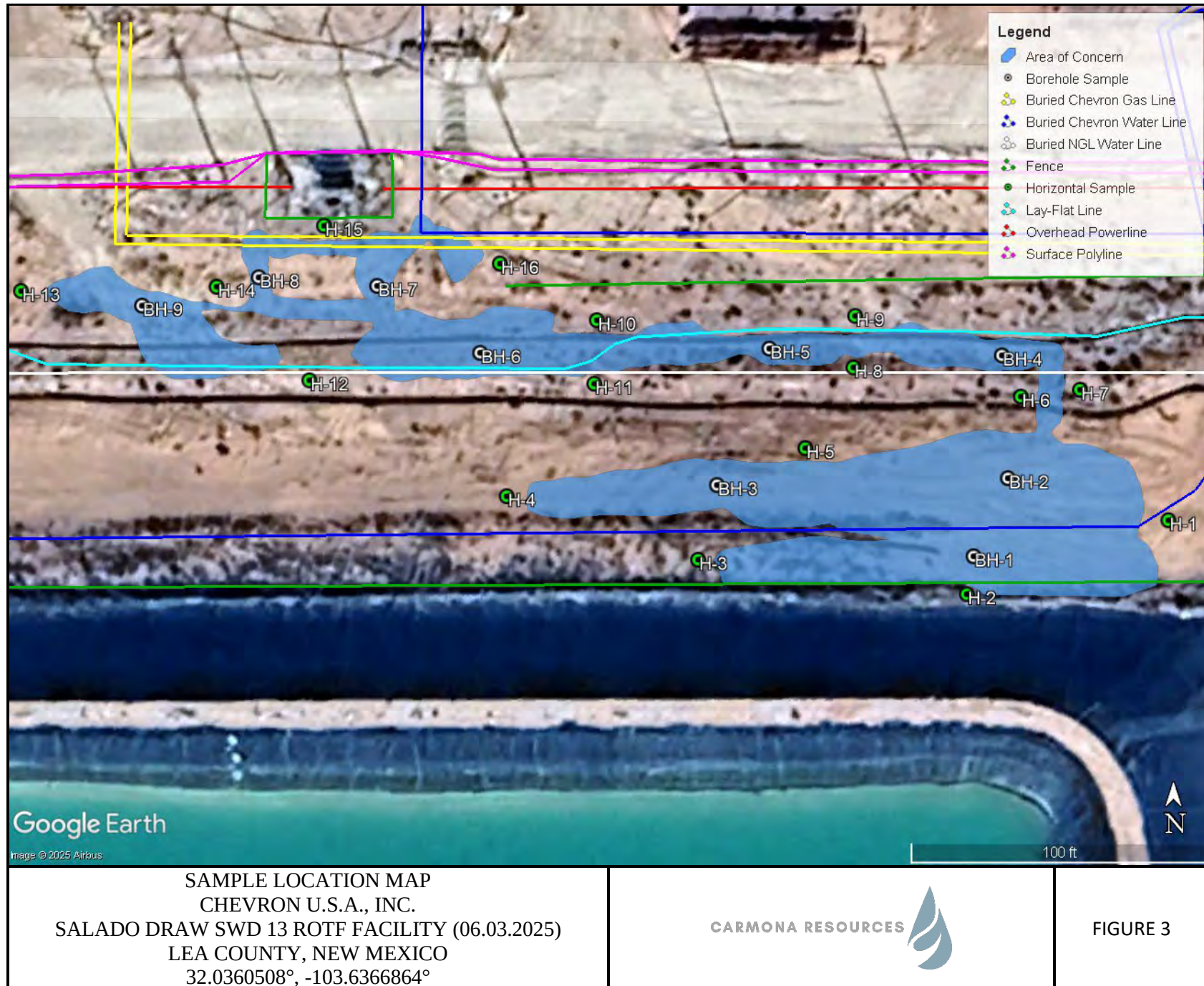


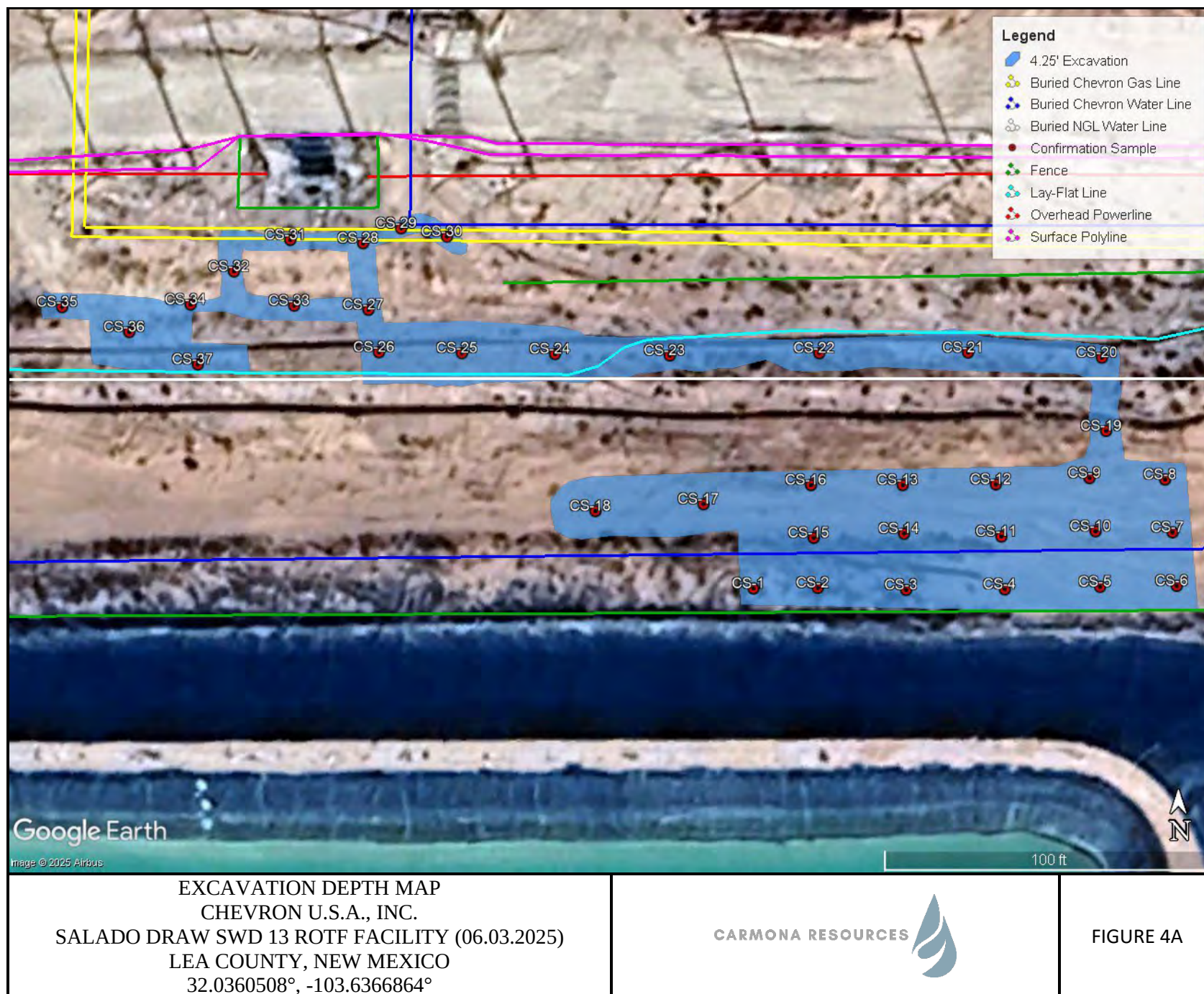
TOPOGRAPHIC MAP
 CHEVRON U.S.A., INC.
 SALADO DRAW SWD 13 ROTF FACILITY (06.03.2025)
 LEA COUNTY, NEW MEXICO
 32.0360508°, -103.6366864°

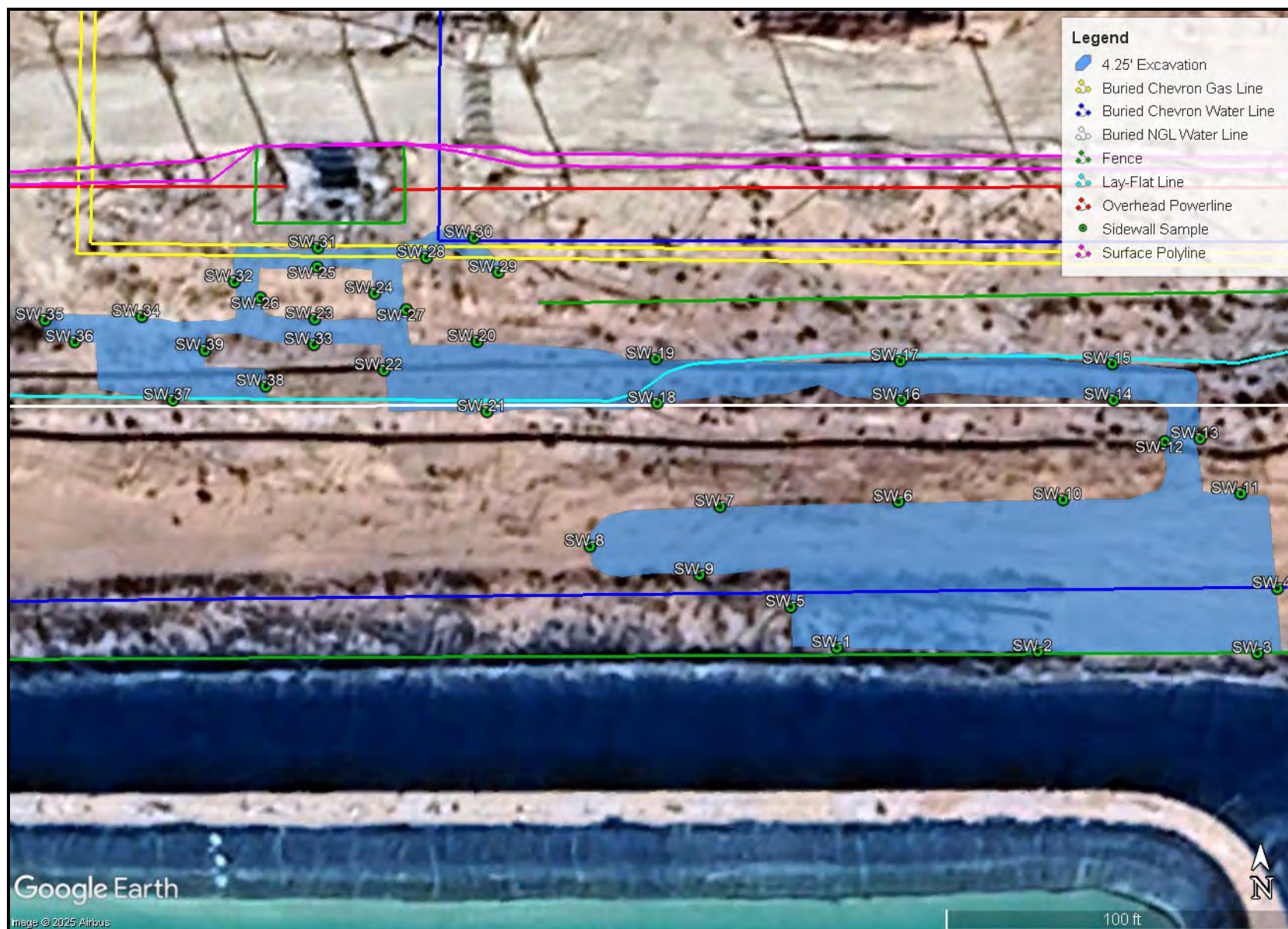
CARMONA RESOURCES



FIGURE 2





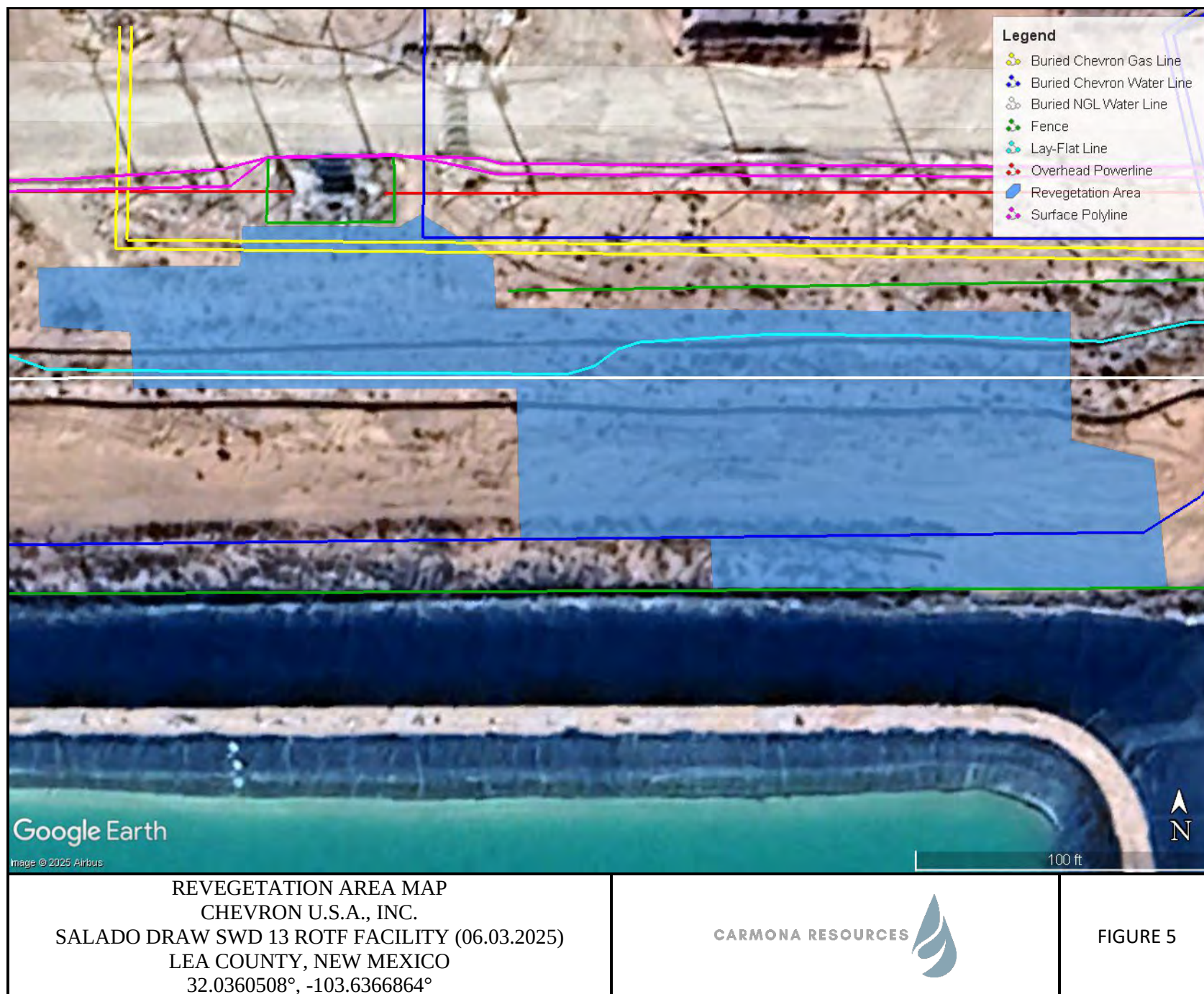


EXCAVATION DEPTH MAP
CHEVRON U.S.A., INC.
SALADO DRAW SWD 13 ROTF FACILITY (06.03.2025)
LEA COUNTY, NEW MEXICO
32.0360508°, -103.6366864°

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FIGURE 4B



APPENDIX A

CARMONA RESOURCES



Table 1
Chevron U.S.A., Inc.
Salado Draw SWD 13 ROTF Facility (06.03.2025)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
BH-1	6/23/2025	0-1.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,910
	"	2.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,660
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,260
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,140
	"	5.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	552
	"	6.0	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	775
BH-2	6/23/2025	0-1.0	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	818
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4,120
	"	3.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9,370
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	267
	"	5.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	548
	"	6.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	430
BH-3	6/23/2025	0-1.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,330
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,100
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	3,850
	"	4.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,340
	"	5.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4,730
	"	6.0	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	7,470
	"	7.0	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	8,660
	"	8.0	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7,700
BH-4	6/23/2025	0-1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	9,630
	"	2.0	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	7,630
	"	3.0	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	7,400
	"	4.0	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,050
	"	5.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,710
	"	6.0	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	5,140
BH-5	6/23/2025	0-1.0	<50.1	55.0	<50.1	55.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4,230
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	7,790
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	10,700
	"	4.0	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	8,630
	"	5.0	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,250
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(BH) Borehole Sample

Removed

Table 1
Chevron U.S.A., Inc.
Salado Draw SWD 13 ROTF Facility (06.03.2025)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
BH-6	6/23/2025	0-1.0	<49.7	484	<49.7	484	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	615
	"	2.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,100
	"	3.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9,950
	"	4.0	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10,800
	"	5.0	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10,000
	"	6.0	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6,770
BH-7	6/23/2025	0-1.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,000
	"	2.0	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	427
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	321
	"	4.0	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,280
	"	5.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,920
	"	6.0	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,780
	"	7.0	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,400
	"	8.0	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	8,520
	"	9.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8,850
	"	10.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8,000
BH-8	6/23/2025	0-1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,830
	"	2.0	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,280
	"	3.0	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,470
	"	4.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	7,020
	"	5.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4,440
	"	6.0	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	500
BH-9	6/23/2025	0-1.0	<49.7	211	<49.7	211	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	261
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	729
	"	3.0	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,770
	"	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,850
	"	5.0	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	4,910
	"	6.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,280
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(BH) Borehole Sample

Removed

Table 1
Chevron U.S.A., Inc.
Salado Draw SWD 13 ROTF Facility (06.03.2025)
Lea 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						
H-1	6/19/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-2	6/19/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-3	6/19/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
H-4	6/19/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-5	6/19/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-6	6/19/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-7	6/19/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-8	6/19/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-9	6/19/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-10	6/19/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-11	6/19/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-12	6/19/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-13	6/19/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-14	6/19/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-15	6/19/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-16	6/19/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(H) Horizontal Sample

Table 2
Chevron U.S.A., Inc.
Salado Draw SWD 13 ROTF Facility (06.03.2025)
Lea 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	8/13/2025	4.25	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	407
CS-2	8/13/2025	4.25	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	380
CS-3	8/13/2025	4.25	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	427
CS-4	8/13/2025	4.25	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	14.3
CS-5	8/13/2025	4.25	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.7
CS-6	8/13/2025	4.25	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	980
CS-7	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,780
CS-8	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,970
CS-9	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-10	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	8,320
CS-11	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	560
CS-12	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-13	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,280
CS-14	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,440
CS-15	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	912
CS-16	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,050
CS-17	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	512
CS-18	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,960
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) - Confirmation Sample

Table 2
Chevron U.S.A., Inc.
Salado Draw SWD 13 ROTF Facility (06.03.2025)
Lea 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-19	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,770
CS-20	8/22/2025	4.25'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	462
CS-21	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	3,970
CS-22	8/22/2025	4.25'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,380
CS-23	8/22/2025	4.25'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,070
CS-24	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,400
CS-25	8/22/2025	4.25'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,780
CS-26	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,340
CS-27	8/22/2025	4.25'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1,040
CS-28	8/22/2025	4.25'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,160
CS-29	8/22/2025	4.25'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	890
CS-30	8/22/2025	4.25'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,340
CS-31	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,450
CS-32	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,050
CS-33	8/22/2025	4.25'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,000
CS-34	8/22/2025	4.25'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,440
CS-35	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	35.7
CS-36	8/22/2025	4.25'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,270
CS-37	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	3,870
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

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

Table 2
Chevron U.S.A., Inc.
Salado Draw SWD 13 ROTF Facility (06.03.2025)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	8/13/2025	4.25	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.0
SW-2	8/13/2025	4.25	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
SW-3	8/13/2025	4.25	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.96
SW-4	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-5	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-6	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-7	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-8	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-9	8/19/2025	4.25'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528.0
SW-10	8/22/2025	4.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	65.5
SW-11	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	182
SW-12	8/22/2025	4.25'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	161
SW-13	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	327
SW-14	8/22/2025	4.25'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	220
SW-15	8/22/2025	4.25'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	56.9
SW-16	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	57.6
SW-17	8/22/2025	4.25'	<49.8	<49.8	<49.8	<49.8	<0.00202	0.00277	<0.00202	<0.00404	<0.00404	106
SW-18	8/22/2025	4.25'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	106
SW-19	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	65.2
SW-20	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	15.1
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

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

Table 2
Chevron U.S.A., Inc.
Salado Draw SWD 13 ROTF Facility (06.03.2025)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-21	8/22/2025	4.25'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	14.2
SW-22	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	14.4
SW-23	8/22/2025	4.25'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	107
SW-24	8/22/2025	4.25'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	159
SW-25	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	14.8
SW-26	8/22/2025	4.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	118
SW-27	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	20.8
SW-28	8/22/2025	4.25'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	27.4
SW-29	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	14.6
SW-30	8/22/2025	4.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	11.1
SW-31	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	153
SW-32	8/22/2025	4.25'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	25.2
SW-33	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	131
SW-34	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	127
SW-35	8/22/2025	4.25'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	130
SW-36	8/22/2025	4.25'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	13.4
SW-37	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,210
	8/28/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<10.1
SW-38	8/22/2025	4.25'	<49.8	<49.8	<49.8	<49.8	<0.00199	0.00253	<0.00199	<0.00398	<0.00398	3,870
	8/28/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	15.6
SW-39	8/22/2025	4.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,000
	8/28/2025	4.25'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
Backfill Sample	08/29/2025	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(SW) - Sidewall Sample

Removed

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Chevron USA, Inc

Photograph No. 1

Facility: Salado Draw SWD 13 ROTF Facility
(06.03.2025)

County: Lea County, New Mexico

Description:

View Southeast, excavated area of CS-1 through CS-18.



Photograph No. 2

Facility: Salado Draw SWD 13 ROTF Facility
(06.03.2025)

County: Lea County, New Mexico

Description:

View Southwest, excavated area of CS-5 through CS-10, CS-19, and CS-20.



Photograph No. 3

Facility: Salado Draw SWD 13 ROTF Facility
(06.03.2025)

County: Lea County, New Mexico

Description:

View East, excavated area of CS-20 through CS-25.



PHOTOGRAPHIC LOG

Chevron USA, Inc

Photograph No. 4

Facility: Salado Draw SWD 13 ROTF Facility
(06.03.2025)

County: Lea County, New Mexico

Description:

View Northeast, excavated area of CS-24 through CS-30.

**Photograph No. 5**

Facility: Salado Draw SWD 13 ROTF Facility
(06.03.2025)

County: Lea County, New Mexico

Description:

View East, excavated area of CS-27 through CS-33.

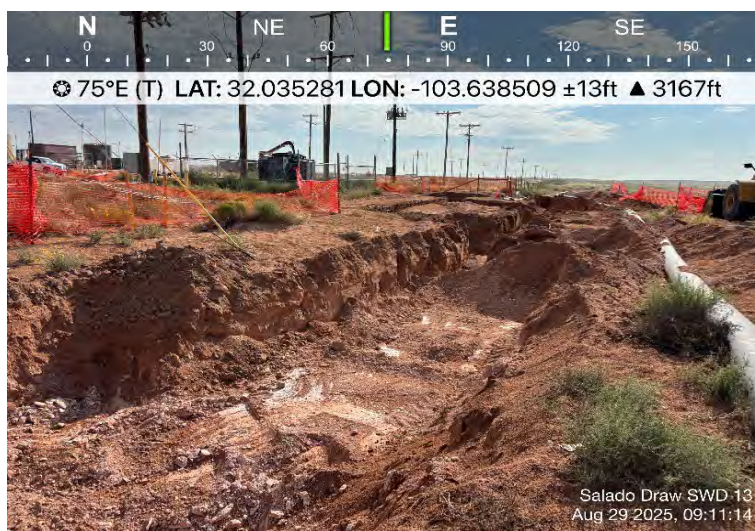
**Photograph No. 6**

Facility: Salado Draw SWD 13 ROTF Facility
(06.03.2025)

County: Lea County, New Mexico

Description:

View East, excavated area of CS-33 through CS-37.



PHOTOGRAPHIC LOG

Chevron USA, Inc

Photograph No. 7

Facility: Salado Draw SWD 13 ROTF Facility
(06.03.2025)

County: Lea County, New Mexico

Description:

View Southeast, excavated area of CS-28 through CS-30.



Photograph No. 8

Facility: Salado Draw SWD 13 ROTF Facility
(06.03.2025)

County: Lea County, New Mexico

Description:

View West, excavated area of CS-28 through CS-30.



Photograph No. 9

Facility: Salado Draw SWD 13 ROTF Facility
(06.03.2025)

County: Lea County, New Mexico

Description:

View Northeast, excavated area of CS-25 through CS-30.



PHOTOGRAPHIC LOG

Chevron USA, Inc

Photograph No. 10

Facility: Salado Draw SWD 13 ROTF Facility
(06.03.2025)

County: Lea County, New Mexico

Description:

View Southwest of backfilled and reseeded area.



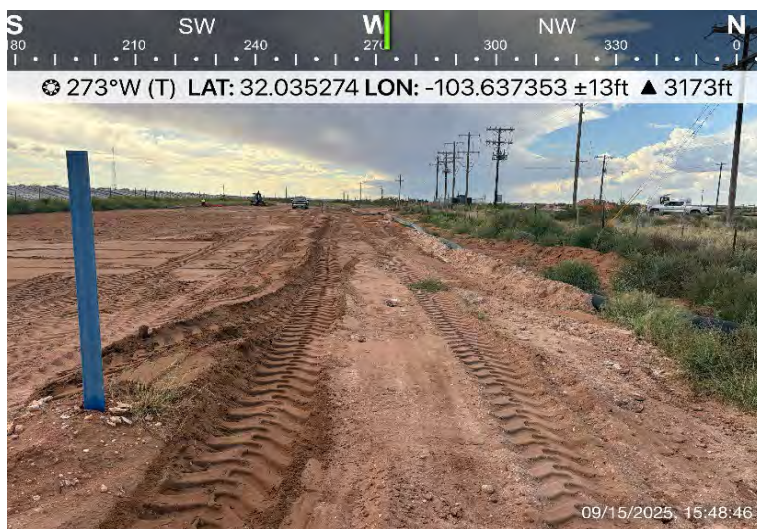
Photograph No. 11

Facility: Salado Draw SWD 13 ROTF Facility
(06.03.2025)

County: Lea County, New Mexico

Description:

View West of backfilled and reseeded area.



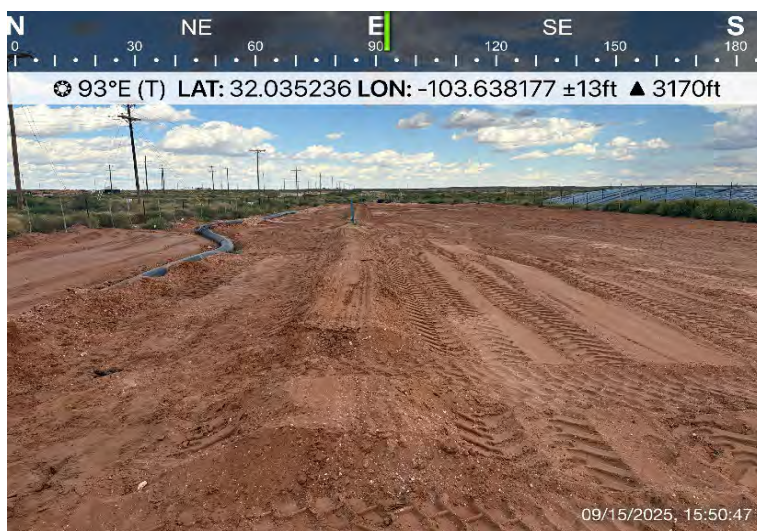
Photograph No. 12

Facility: Salado Draw SWD 13 ROTF Facility
(06.03.2025)

County: Lea County, New Mexico

Description:

View East of backfilled and reseeded area.



PHOTOGRAPHIC LOG

Chevron USA, Inc

Photograph No. 13

Facility: Salado Draw SWD 13 ROTF Facility
(06.03.2025)

County: Lea County, New Mexico

Description:

View East of backfilled and reseeded area.



Photograph No. 14

Facility: Salado Draw SWD 13 ROTF Facility
(06.03.2025)

County: Lea County, New Mexico

Description:

View Southwest of backfilled and reseeded area.



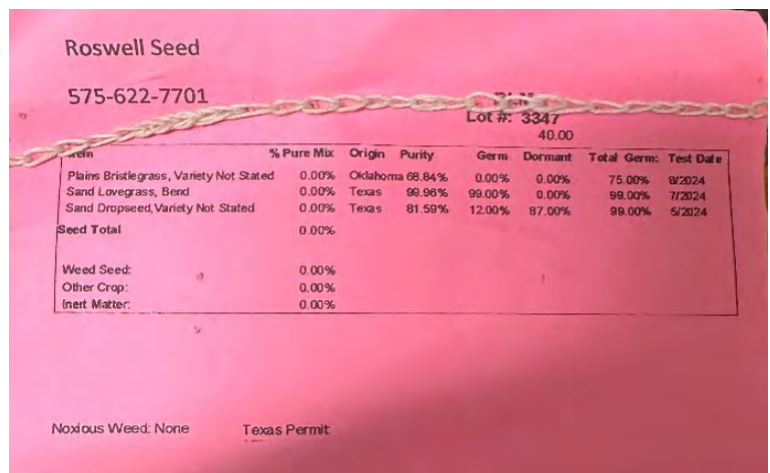
Photograph No. 15

Facility: Salado Draw SWD 13 ROTF Facility
(06.03.2025)

County: Lea County, New Mexico

Description:

Photo of seed mix tag.



APPENDIX C

CARMONA RESOURCES



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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 470153

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 470153
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	SALADO DRAW SWD 13 ROTF FACILITY
Date Release Discovered	06/03/2025
Surface Owner	Federal

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

Nature and Volume of Release <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 274 BBL Recovered: 0 BBL Lost: 274 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

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

QUESTIONS, Page 2

Action 470153

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 470153
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response

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

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

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

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

ACKNOWLEDGMENTS

Action 470153

ACKNOWLEDGMENTS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 470153
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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

CONDITIONS

Action 470153

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 470153
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
branes	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	6/3/2025

	Length (feet)	Width (feet)	Above grade Depth (in)	Below grade Depth (in)	Water Cut (%)	Barrels Water	Barrels Oil
Area 1	110	12	3	0.5	100	60.244	
Area 2	30	10	3	0.5	100	13.692	
Area 3	30	6	1	0.5	100	2.872	
Area 4	75	48	4	1	100	221.743	
Area 5	90	8	3	1	100	33.662	
					Rec Vol	300	
					Total	332.213	

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

QUESTIONS

Action 470575

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 470575
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515430728
Incident Name	NAPP2515430728 SALADO DRAW SWD 13 ROTF FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Facility	[fSL2003151750] SALADO DRAW SWD 13 ROTF FACILITY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SALADO DRAW SWD 13 ROTF FACILITY
Date Release Discovered	06/03/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 332 BBL Recovered: 300 BBL Lost: 32 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

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

QUESTIONS, Page 2

Action 470575

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 470575
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Bayley Ranes Title: Environmental Specialist Email: Bayleyranes@chevron.com Date: 06/04/2025
--	---

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QUESTIONS, Page 3

Action 470575

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 470575
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

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

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

CONDITIONS

Action 470575

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 470575
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	6/5/2025

Ashton Thielke

From: Lincoln, Kennedy <Kennedy.Lincoln@chevron.com>
Sent: Wednesday, July 30, 2025 10:31 AM
To: Ashton Thielke
Subject: FW: [EXTERNAL] NAPP2515430728 - SALADO DRAW SWD 13 ROTF FACILITY (06.03.2025) - NMAC 19.15.29.12.D.1.C - 400sqft sampling variance & extension request

Kennedy Lincoln
NM Region Environmental Specialist
Shale & Tight Business Unit
Chevron North America Exploration and Production Company
6301 Deauville Midland, TX
Mobile (432) 813-5384
Kennedy.Lincoln@chevron.com

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Sent: Wednesday, July 30, 2025 10:30 AM
To: Lincoln, Kennedy <Kennedy.Lincoln@chevron.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Subject: [**EXTERNAL**] RE: [EXTERNAL] NAPP2515430728 - SALADO DRAW SWD 13 ROTF FACILITY (06.03.2025) - NMAC 19.15.29.12.D.1.C - 400sqft sampling variance & extension request

Be aware this external email contains an attachment and/or link.

Ensure the email and contents are expected. If there are concerns, please submit suspicious messages to the Cyber Intelligence Center using the Report Phishing button.

Kennedy,

The variance is approved for 400 ft² floor closure confirmation samples. The release area will still need closure confirmation sidewall samples representing no more than 200 ft². Please include this e-mail correspondence in the remediation plan and/or remediation closure report.

Regards,

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>



From: Lincoln, Kennedy <Kennedy.Lincoln@chevron.com>

Sent: Wednesday, July 30, 2025 8:05 AM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>

Cc: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: [EXTERNAL] NAPP2515430728 - SALADO DRAW SWD 13 ROTF FACILITY (06.03.2025) - NMAC 19.15.29.12.D.1.C - 400sqft sampling variance & extension request

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

Good morning Mr. Hamlet,

I hope this email finds you well. Chevron USA is requesting a confirmation sampling variance from 200 square feet to 400 square feet for composite floor and sidewall samples.

Attached to this email, you will find a proposed excavation map (page 1), where we plan to remove approximately 3,000 cubic yards of material. As detailed in Table 1 (pages 2 through 4), the entire area has been delineated in accordance with NMAC 19.15.29.12 guidelines.

Furthermore, multiple karst surveys have been conducted in the area, and it has been determined that there is no karst potential at this site (pages 7-45). Additionally, recent groundwater measurements from 2024 indicate that the groundwater depth is greater than 112 feet (pages 47 & 48). It is also worth noting that the nearest residence is located more than 5.0 miles away from the site.

Pending your response and approval, we are planning to commence this remediation work on Monday, August 4, 2025, weather permitting. We are also requesting a 60-day extension from the original remediation closure report due date of September 1, 2025. The new proposed closure date would be October 31, 2025.

Carmona Resources and Chevron USA are confident that, given the depth of the groundwater, the absence of karst, and the lack of nearby supply wells, this confirmation sampling variance will provide equal or better protection of fresh water, public health, and the environment.

A copy of this email correspondence will be included in the final closure report. Please feel free to call me if you have any questions or need further clarification.

Thank you for your attention to this matter.

Kennedy Lincoln
NM Region Environmental Specialist
Shale & Tight Business Unit
Chevron North America Exploration and Production Company
6301 Deauville Midland, TX
Mobile (432) 813-5384
Kennedy.Lincoln@chevron.com

Ashton Thielke

From: Lincoln, Kennedy <Kennedy.Lincoln@chevron.com>
Sent: Wednesday, July 30, 2025 10:37 AM
To: Ashton Thielke
Subject: FW: (Extension Approval) - NAPP2515430728 - SALADO DRAW SWD 13 ROTF FACILITY (06.03.2025) - NMAC 19.15.29.12.D.1.C - 400sqft sampling variance & extension request

Kennedy Lincoln
NM Region Environmental Specialist
Shale & Tight Business Unit
Chevron North America Exploration and Production Company
6301 Deauville Midland, TX
Mobile (432) 813-5384
Kennedy.Lincoln@chevron.com

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Sent: Wednesday, July 30, 2025 10:36 AM
To: Lincoln, Kennedy <Kennedy.Lincoln@chevron.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Subject: **[**EXTERNAL**]** (Extension Approval) - NAPP2515430728 - SALADO DRAW SWD 13 ROTF FACILITY (06.03.2025) - NMAC 19.15.29.12.D.1.C - 400sqft sampling variance & extension request

Be aware this external email contains an attachment and/or link.

Ensure the email and contents are expected. If there are concerns, please submit suspicious messages to the Cyber Intelligence Center using the Report Phishing button.

RE: Incident #**NAPP2515430728 SALADO DRAW SWD 13 ROTF FACILITY**

Kennedy,

A 90-day extension is approved. Please have a remediation closure report uploaded to the OCD Permitting Portal no later than **October 28th, 2025**. Include this e-mail correspondence in the report.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>



From: Lincoln, Kennedy <Kennedy.Lincoln@chevron.com>
Sent: Wednesday, July 30, 2025 8:05 AM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>

Cc: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: [EXTERNAL] NAPP2515430728 - SALADO DRAW SWD 13 ROTF FACILITY (06.03.2025) - NMAC 19.15.29.12.D.1.C - 400sqft sampling variance & extension request

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

Good morning Mr. Hamlet,

I hope this email finds you well. Chevron USA is requesting a confirmation sampling variance from 200 square feet to 400 square feet for composite floor and sidewall samples.

Attached to this email, you will find a proposed excavation map (page 1), where we plan to remove approximately 3,000 cubic yards of material. As detailed in Table 1 (pages 2 through 4), the entire area has been delineated in accordance with NMAC 19.15.29.12 guidelines.

Furthermore, multiple karst surveys have been conducted in the area, and it has been determined that there is no karst potential at this site (pages 7-45). Additionally, recent groundwater measurements from 2024 indicate that the groundwater depth is greater than 112 feet (pages 47 & 48). It is also worth noting that the nearest residence is located more than 5.0 miles away from the site.

Pending your response and approval, we are planning to commence this remediation work on Monday, August 4, 2025, weather permitting. We are also requesting a 60-day extension from the original remediation closure report due date of September 1, 2025. The new proposed closure date would be October 31, 2025.

Carmona Resources and Chevron USA are confident that, given the depth of the groundwater, the absence of karst, and the lack of nearby supply wells, this confirmation sampling variance will provide equal or better protection of fresh water, public health, and the environment.

A copy of this email correspondence will be included in the final closure report. Please feel free to call me if you have any questions or need further clarification.

Thank you for your attention to this matter.

Kennedy Lincoln
NM Region Environmental Specialist
Shale & Tight Business Unit
Chevron North America Exploration and Production Company
6301 Deauville Midland, TX
Mobile (432) 813-5384
Kennedy.Lincoln@chevron.com

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

QUESTIONS

Action 491099

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491099
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515430728
Incident Name	NAPP2515430728 SALADO DRAW SWD 13 ROTF FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fSL2003151750] SALADO DRAW SWD 13 ROTF FACILITY

Location of Release Source	
Site Name	SALADO DRAW SWD 13 ROTF FACILITY
Date Release Discovered	06/03/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	14,750
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/06/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.035343°, -103.638118°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite. Composite confirmation floor samples will be collected to represent an area no larger than 400sqft and composite confirmation sidewall samples will be collected to represent an area no larger than 200sqft.

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

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

CONDITIONS

Action 491099

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491099
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/31/2025
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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

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

QUESTIONS

Action 491101

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491101
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515430728
Incident Name	NAPP2515430728 SALADO DRAW SWD 13 ROTF FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fSL2003151750] SALADO DRAW SWD 13 ROTF FACILITY

Location of Release Source	
Site Name	SALADO DRAW SWD 13 ROTF FACILITY
Date Release Discovered	06/03/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	14,750
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/07/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.035343°, -103.638118°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite. Composite confirmation floor samples will be collected to represent an area no larger than 400sqft and composite confirmation sidewall samples will be collected to represent an area no larger than 200sqft.

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

CONDITIONS

Action 491101

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491101
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/31/2025
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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QUESTIONS

Action 491105

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491105
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515430728
Incident Name	NAPP2515430728 SALADO DRAW SWD 13 ROTF FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fSL2003151750] SALADO DRAW SWD 13 ROTF FACILITY

Location of Release Source	
Site Name	SALADO DRAW SWD 13 ROTF FACILITY
Date Release Discovered	06/03/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	14,750
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/08/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.035343°, -103.638118°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite. Composite confirmation floor samples will be collected to represent an area no larger than 400sqft and composite confirmation sidewall samples will be collected to represent an area no larger than 200sqft.

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CONDITIONS

Action 491105

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491105
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/31/2025
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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QUESTIONS

Action 491107

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491107
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515430728
Incident Name	NAPP2515430728 SALADO DRAW SWD 13 ROTF FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fSL2003151750] SALADO DRAW SWD 13 ROTF FACILITY

Location of Release Source	
Site Name	SALADO DRAW SWD 13 ROTF FACILITY
Date Release Discovered	06/03/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	14,750
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/11/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.035343°, -103.638118°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite. Composite confirmation floor samples will be collected to represent an area no larger than 400sqft and composite confirmation sidewall samples will be collected to represent an area no larger than 200sqft.

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CONDITIONS

Action 491107

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491107
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/31/2025
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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QUESTIONS

Action 491109

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491109
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515430728
Incident Name	NAPP2515430728 SALADO DRAW SWD 13 ROTF FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fSL2003151750] SALADO DRAW SWD 13 ROTF FACILITY

Location of Release Source	
Site Name	SALADO DRAW SWD 13 ROTF FACILITY
Date Release Discovered	06/03/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	14,750
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/12/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.035343°, -103.638118°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite. Composite confirmation floor samples will be collected to represent an area no larger than 400sqft and composite confirmation sidewall samples will be collected to represent an area no larger than 200sqft.

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CONDITIONS

Action 491109

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491109
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/31/2025
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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QUESTIONS

Action 491110

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491110
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515430728
Incident Name	NAPP2515430728 SALADO DRAW SWD 13 ROTF FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fSL2003151750] SALADO DRAW SWD 13 ROTF FACILITY

Location of Release Source	
Site Name	SALADO DRAW SWD 13 ROTF FACILITY
Date Release Discovered	06/03/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	14,750
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/13/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.035343°, -103.638118°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite. Composite confirmation floor samples will be collected to represent an area no larger than 400sqft and composite confirmation sidewall samples will be collected to represent an area no larger than 200sqft.

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CONDITIONS

Action 491110

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491110
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/31/2025
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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QUESTIONS

Action 491112

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491112
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515430728
Incident Name	NAPP2515430728 SALADO DRAW SWD 13 ROTF FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fSL2003151750] SALADO DRAW SWD 13 ROTF FACILITY

Location of Release Source	
Site Name	SALADO DRAW SWD 13 ROTF FACILITY
Date Release Discovered	06/03/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	14,750
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/14/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.035343°, -103.638118°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite. Composite confirmation floor samples will be collected to represent an area no larger than 400sqft and composite confirmation sidewall samples will be collected to represent an area no larger than 200sqft.

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CONDITIONS

Action 491112

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491112
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/31/2025
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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QUESTIONS

Action 491116

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491116
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515430728
Incident Name	NAPP2515430728 SALADO DRAW SWD 13 ROTF FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fSL2003151750] SALADO DRAW SWD 13 ROTF FACILITY

Location of Release Source	
Site Name	SALADO DRAW SWD 13 ROTF FACILITY
Date Release Discovered	06/03/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	14,750
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/15/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	“(32.035343° , -103.638118°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite. Composite confirmation floor samples will be collected to represent an area no larger than 400sqft and composite confirmation sidewall samples will be collected to represent an area no larger than 200sqft.

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CONDITIONS

Action 491116

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491116
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/31/2025
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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QUESTIONS

Action 491120

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491120
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515430728
Incident Name	NAPP2515430728 SALADO DRAW SWD 13 ROTF FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fSL2003151750] SALADO DRAW SWD 13 ROTF FACILITY

Location of Release Source	
Site Name	SALADO DRAW SWD 13 ROTF FACILITY
Date Release Discovered	06/03/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	14,750
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/18/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	“(32.035343° , -103.638118°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite. Composite confirmation floor samples will be collected to represent an area no larger than 400sqft and composite confirmation sidewall samples will be collected to represent an area no larger than 200sqft.

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CONDITIONS

Action 491120

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 491120
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	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.	8/6/2025
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	8/6/2025

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Oil Conservation Division
1220 S. St Francis Dr.
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QUESTIONS

Action 496482

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 496482
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515430728
Incident Name	NAPP2515430728 SALADO DRAW SWD 13 ROTF FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fSL2003151750] SALADO DRAW SWD 13 ROTF FACILITY

Location of Release Source	
Site Name	SALADO DRAW SWD 13 ROTF FACILITY
Date Release Discovered	06/03/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	14,750
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/19/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	“(32.035343° , -103.638118°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite. Composite confirmation floor samples will be collected to represent an area no larger than 400sqft and composite confirmation sidewall samples will be collected to represent an area no larger than 200sqft.

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CONDITIONS

Action 496482

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 496482
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	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.	8/15/2025
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	8/15/2025

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Oil Conservation Division
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QUESTIONS

Action 496483

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 496483
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515430728
Incident Name	NAPP2515430728 SALADO DRAW SWD 13 ROTF FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fSL2003151750] SALADO DRAW SWD 13 ROTF FACILITY

Location of Release Source	
Site Name	SALADO DRAW SWD 13 ROTF FACILITY
Date Release Discovered	06/03/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	14,750
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/20/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	“(32.035343° , -103.638118°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite. Composite confirmation floor samples will be collected to represent an area no larger than 400sqft and composite confirmation sidewall samples will be collected to represent an area no larger than 200sqft.

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CONDITIONS

Action 496483

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 496483
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	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.	8/15/2025
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	8/15/2025

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QUESTIONS

Action 496484

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 496484
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515430728
Incident Name	NAPP2515430728 SALADO DRAW SWD 13 ROTF FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fSL2003151750] SALADO DRAW SWD 13 ROTF FACILITY

Location of Release Source	
Site Name	SALADO DRAW SWD 13 ROTF FACILITY
Date Release Discovered	06/03/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	14,750
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/21/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	“(32.035343° , -103.638118°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite. Composite confirmation floor samples will be collected to represent an area no larger than 400sqft and composite confirmation sidewall samples will be collected to represent an area no larger than 200sqft.

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 496484

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 496484
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	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.	8/15/2025
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	8/15/2025

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

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

QUESTIONS

Action 496486

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 496486
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515430728
Incident Name	NAPP2515430728 SALADO DRAW SWD 13 ROTF FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fSL2003151750] SALADO DRAW SWD 13 ROTF FACILITY

Location of Release Source	
Site Name	SALADO DRAW SWD 13 ROTF FACILITY
Date Release Discovered	06/03/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	14,750
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/22/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	“(32.035343° , -103.638118°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite. Composite confirmation floor samples will be collected to represent an area no larger than 400sqft and composite confirmation sidewall samples will be collected to represent an area no larger than 200sqft.

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klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	8/15/2025

APPENDIX D

CARMONA RESOURCES

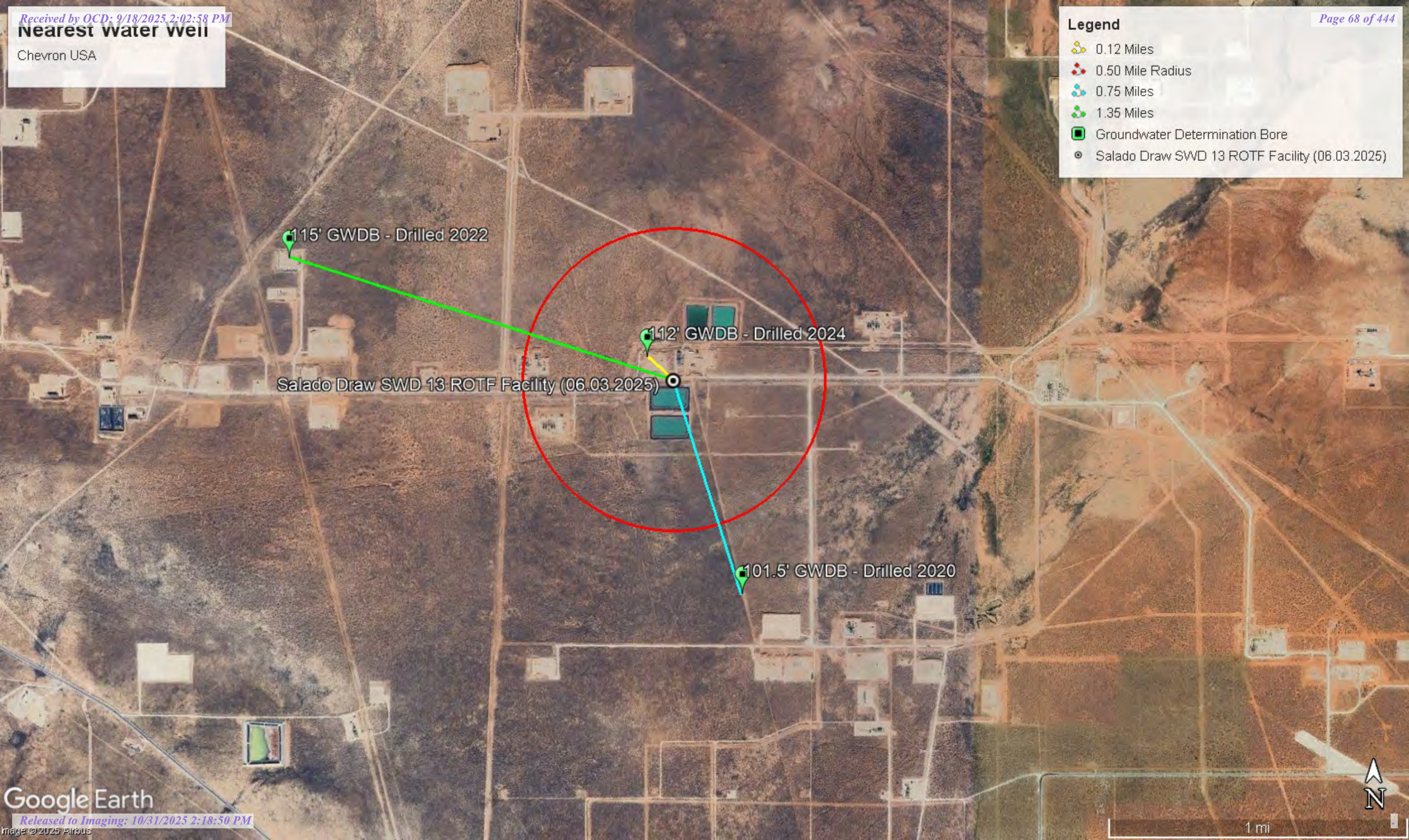


Nearest water well

Chevron USA

Legend

- 0.12 Miles
- 0.50 Mile Radius
- 0.75 Miles
- 1.35 Miles
- Groundwater Determination Bore
- Salado Draw SWD 13 ROTF Facility (06.03.2025)



medium karst

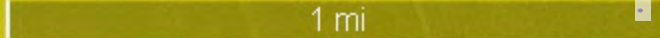
Chevron USA

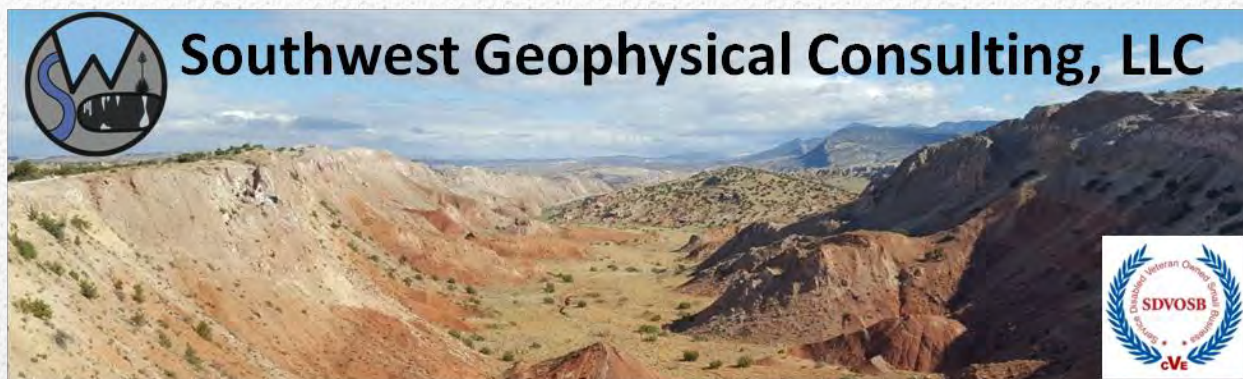
Legend

-  Medium
-  Salado Draw SWD 13 ROTF Facility (06.03.2025)

Salado Draw SWD 13 ROTF Facility (06.03.2025) 


N


1 mi



Cave and Karst Resource Inventory Report Salado Draw North Pond Lea County, New Mexico

Prepared for:

**Carmona Resources, LLC
310 West Wall Street, Suite 500
Midland, TX, 79701**

- ☐ Positive within 200 feet of spill delineation boundary
- ☒ Negative within 200 feet of spill delineation boundary

July 5, 2024

CARM-001-20240528

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MMXXIV

TABLE OF CONTENTS

FRONT MATTER..... i

TABLE OF CONTENTS.....ii

LIST OF FIGURES.....iii

LIST OF TABLES.....iii

1.0 INTRODUCTION..... 1

 1.1 Goals of this Study..... 1

 1.2 Summary of Findings..... 1

 1.3 Affected Environment..... 1

 1.4 Limitations of Report..... 3

2.0 LOCATION AND DESCRIPTION OF STUDY AREA..... 4

 2.1 Description of Site..... 4

 2.2 Local Geology 5

 2.3 Description of Survey..... 6

 2.4 Description of Karst Features 7

3.0 RECOMMENDATIONS 8

 3.1 Summary 8

 3.2 Best Practices 8

4.0 REFERENCES 10

5.0 GLOSSARY OF TERMS AND ABBREVIATIONS 11

6.0 ATTESTATION 14

LIST OF FIGURES

Figure 1: Karst occurrence overview 2

Figure 2: Land ownership and PLSS overview..... 4

Figure 3: Geology overview 5

Figure 4: Survey overview 6

LIST OF TABLES

This report does not contain any tables.

1.0 INTRODUCTION

An environmental karst survey was commissioned by Carmona Resources, LLC (hereinafter referred to as "the client"), on May 28, 2024, for the purpose of determining what, if any, karst-related surface features are present within a 200-foot (61-meter) boundary surrounding the Salado Draw North Pond release area (hereinafter termed "SDNP").

As indicated in section **1.3 Affected Environment**, the bedrock and overlying soil at the survey site are susceptible to sinkhole development and karst features may be hidden beneath the existing soil stratum. Risk associated with sinkhole formation can be minimized during remediation by careful excavation of the spill site and the control of site hydrology. The owner/developer must recognize, however, that a risk of sinkhole-induced damage to infrastructure does exist even after remediation. If remediation measures have not already been conducted, performing a geophysical survey to determine if subsurface karst development exists for personnel and equipment safety should be considered.

1.1 Goals of this Study

To provide the client with the location, description, photos, and boundaries of any surface karst-related features within a 200-meter (656-foot) survey boundary for the SDNP project as provided by the client via e-mail (**Spill Area v2.kmz**) on June 7, 2024.

1.2 Summary of Findings

No surface karst features are located within the aerial karst survey area for the SDNP project.

The lack of surface karst features does not mean the area is not karstified and the survey area may still contain buried karst features. Caution should be exercised while clearing brush and during any excavation, trenching, or construction operations. Employing a Bureau of Land Management approved karst monitor on site during these operations should be considered.

1.3 Affected Environment

The proposed SDNP project is located in evaporite karst terrain, a landform that is characterized by underground drainage through solutionally enlarged conduits. Evaporite karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes leading to underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers of the region.

Additionally, karst may develop by hypogene processes involving dissolution by upwelling fluids from depth independent of recharge from the overlying or immediately adjacent surface. Hypogene karst systems may not be connected to the surface and can remain undiscovered unless encountered during drilling or excavation.

Karst features are delicate resources that are often of geological, hydrological, biological, and archeological importance, and should be protected. The three primary concerns in these types of terrain are environmental issues, worker safety, and infrastructure integrity.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) zone of responsibility as having either low, medium, high, or critical cave potential based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers^[1]. These designations are also recognized by the New Mexico State Land Office (NMSLO). This project occurs within a **MEDIUM** karst occurrence zone (MKOZ)^[2] (**Figure 1**).

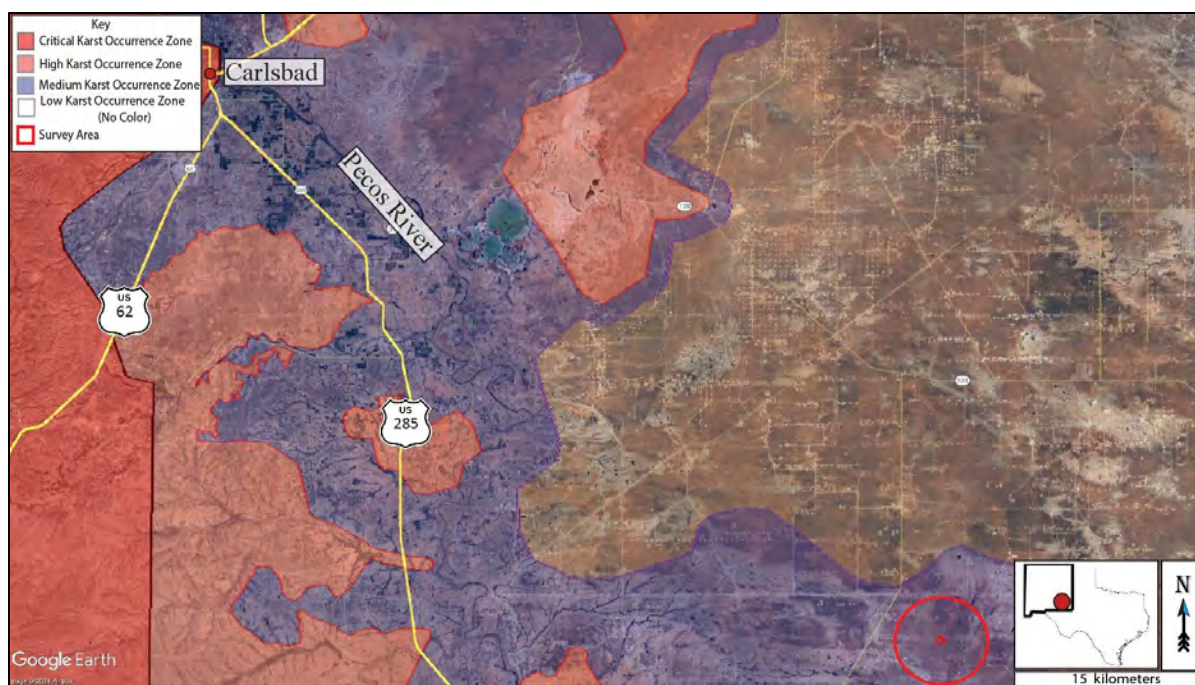


Figure 1: Karst occurrence overview. Background image: Google Earth. Image date: January 5, 2024. Datum: WGS-84.

A medium karst occurrence zone is defined as an area in known soluble rock types that may have a shallow insoluble overburden. These areas may contain isolated karst features such as caves and sinkholes. Groundwater recharge may not be wholly dependent on karst features, but the karst features still provide the most rapid aquifer recharge in response to surface runoff^[1].

1.4 Limitations of Report

This report should be read in full. No responsibility is accepted for the use of any part of this report in any other context or for any other purpose or by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

This report has been prepared for the use of Carmona Resources, LLC, in accordance with generally accepted consulting practices. Every effort has been made to ensure the information in this report is accurate as of the time of its writing. This report has not been prepared for use by parties other than the client, their contracting party, and their respective consulting advisors. It may not contain sufficient information for the purposes of other parties or for other uses.

This report was prepared upon completion of the associated fieldwork using a standard template prepared by Southwest Geophysical Consulting and is based on information collected prior to fieldwork, conditions encountered on site, and data collected during the fieldwork and reviewed at the time of preparation. Southwest Geophysical Consulting disclaims responsibility for any changes that might have occurred at the site after this time. Physical verification of aerial imagery analysis results in the field should be conducted prior to using this information for remediation planning and no decision should be based solely on this information.

To the best of our knowledge, information contained in this report is accurate at the date of issue; however, conditions on the site can change in a limited time and, therefore, the information in this report shall not be used beyond three years past the date of imagery collection (see section **2.3 Description of Survey**).

2.0 LOCATION AND DESCRIPTION OF STUDY AREA

2.1 Description of Site

The SDNP project site is located in Lea County, New Mexico, 70.0 kilometers (43.5 miles) southeast of Carlsbad, New Mexico, east of the junction of Orla and Battle Axe Roads (**Figure 1** and **Figure 2**). The release is located within the NE $\frac{1}{4}$ section 23 of NM T26S R32E^[3]. The region is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January^[4]. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map^[5] and the vegetation consists mostly of areas of grass, sparse creosote, and sparse yucca, with very good visibility in most locations. See section **2.2 Local Geology** for the geology of the area. The entirety of the survey is within an MKOZ (**Figure 1**) and within BLM-CFO managed land (**Figure 2**).

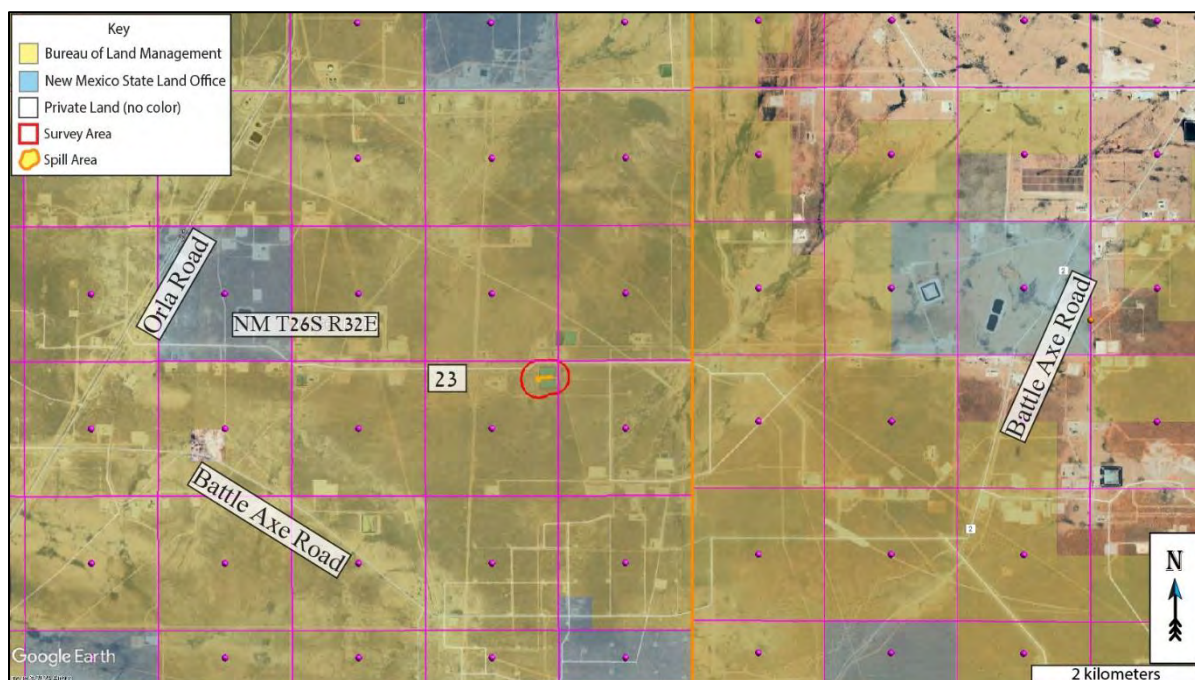


Figure 2: Land ownership^[6] and PLSS^[3] overview. Background image credit: Google Earth. Image date: December 20, 2023. Datum: WGS-84.

2.2 Local Geology

The area surveyed for the SDNP project is located east of Red Hills Draw at an elevation of 961 meters (3,153 feet), ± 5 meters (16.4 feet), within an area underlain by the Triassic Dockum Group (TRd) and the Permian Dewey Lake Formation (PdL, covered by Quaternary deposits in the below image). The area is mantled by thin Quaternary eolian sands (Qe)^[7] between 0 and 6 meters in depth (**Figure 3**).

The Dockum Group is contemporaneous with the Chinle Formation of the Colorado Plateau and is almost its exact equivalent^[8]. The TRd is a mix of conglomerates, sandstones, mudstones and siltstones that are generally dark reddish-brown and contain conspicuous cross-laminations^[9].

The Dewey Lake Formation is composed of calcite-cemented, hematite-stained quartz sand grains and occasional gypsum lenses and can, in favorable conditions, form cavernous porosity within 30 meters of the top of the underlying Rustler Formation^[10]. The Dewey Lake is also known to be highly fractured near areas of heavy halite dissolution (e.g., Nash Draw) and these fractures can act as hydrologic conduits^[11].

This area is moderately karstified and has several sinkholes, swallets, caves, and other karst features nearby. The survey area is covered by the easily accessible Geologic Map of New Mexico (2003) at 1:500,000 scale.

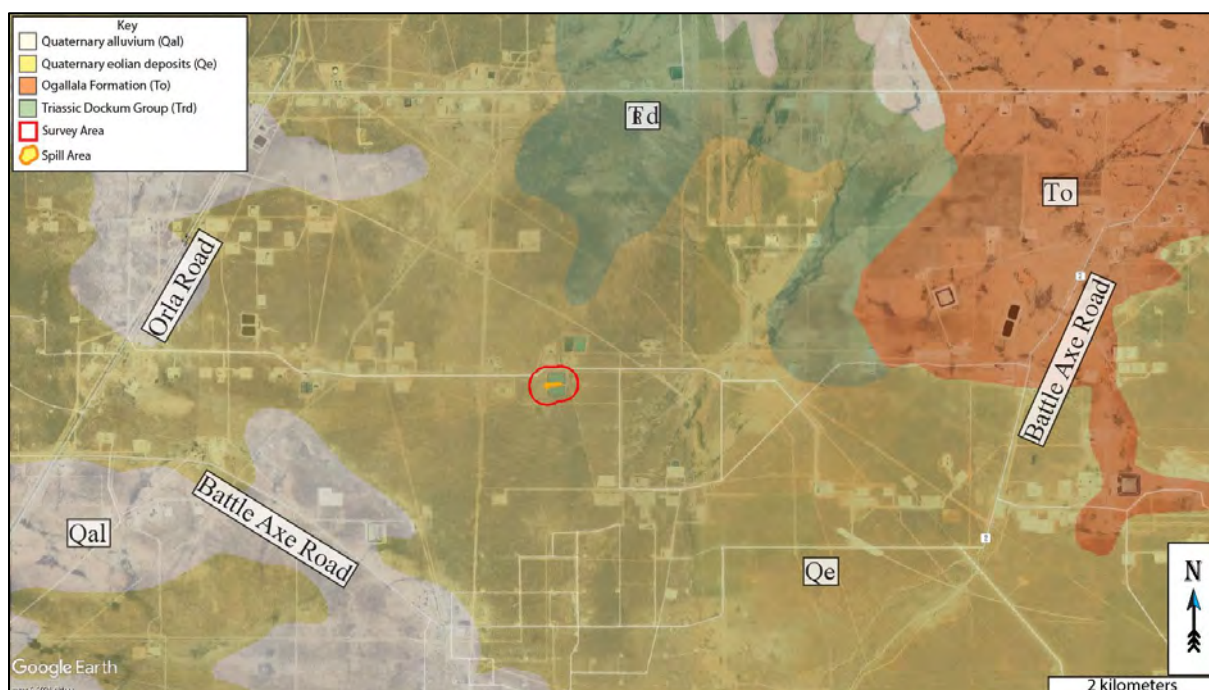


Figure 3: Geology overview. Map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format^[7], and Google Earth. Image date: December 20, 2023. Datum: WGS-84.

2.3 Description of Survey

Southwest Geophysical Consulting, in partnership with SWCA Environmental Consultants, provides aerial karst surveys using drones that are flown by qualified, FAA licensed drone pilots and that meet the stringent Bureau of Land Management – Carlsbad Field Office requirements for both pedestrian and aerial karst surveys.

Aerial karst surveys are conducted at low elevation following a preplanned raster pattern flightpath designed for the purpose of generating at least 75% imagery overlap. The collected high-resolution, georeferenced imagery is stitched together to develop orthomosaic imagery which is further developed into a digital elevation model (DEM); the DEM is then processed into a local relief model (LRM) (**Figure 4**). This LRM is color coded to enhance differences in elevation of as little as five centimeters. The orthoimagery, DEM, and LRM are uploaded to a server where they are analyzed by a highly qualified karst geologist. Finally, the data is reviewed by a senior karst geologist for quality assurance and downloaded into a table for inclusion in a written report^[12].

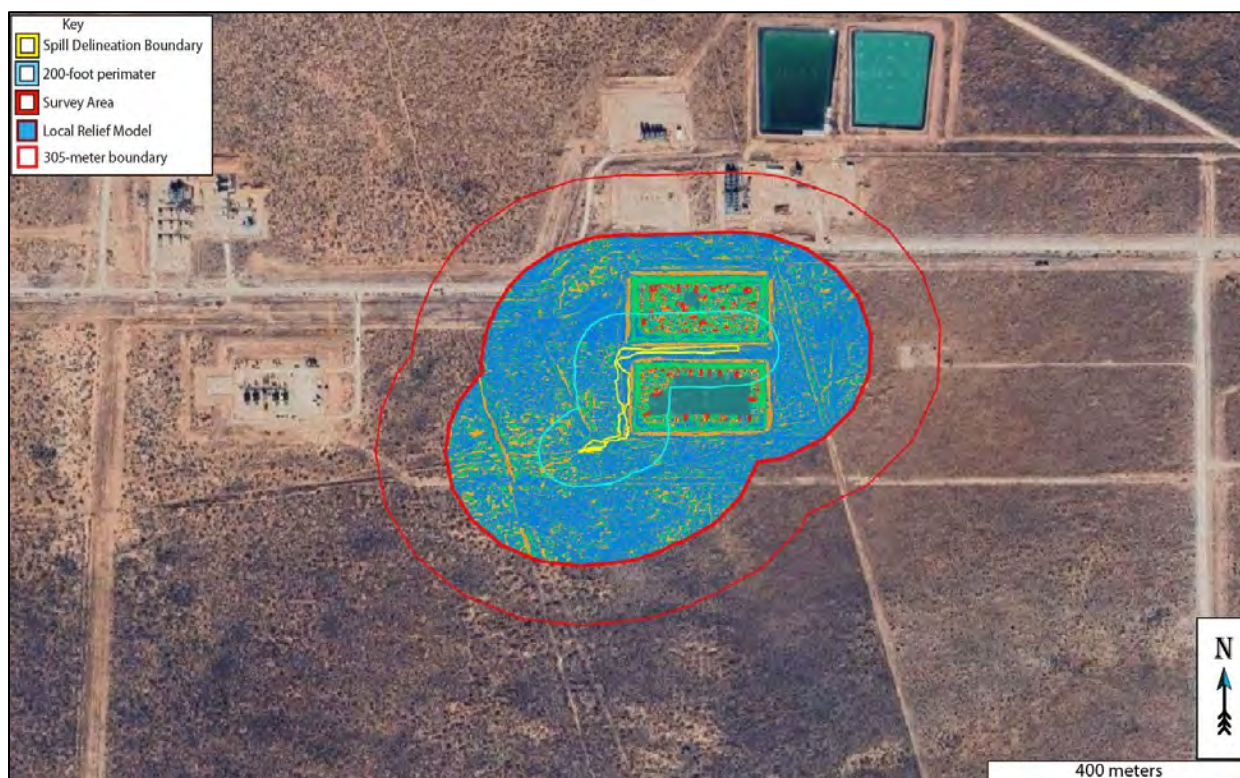


Figure 4: Survey overview. Background image credit: Google Earth. Image date: December 20, 2023. Datum: WGS-84.

Resolution of the orthoimagery is clear enough that features as small as 10 centimeters can be positively identified in most circumstances. Occasionally there are ambiguous features identified during an aerial survey that will need to be checked in the field if they impact the facility's location. Specifically, it is difficult to tell the difference between solution tubes, abandoned uncased well bores, and some burrows in drone imagery^[13]. If an ambiguous feature is located during imagery analysis, it is marked with a yellow dot in **Figure 4**. If a feature of any likelihood is subsequently verified in the field prior to publication of the report, the dot will be changed to a red triangle if confirmed as a karst feature or deleted if not.

The imagery for this study was collected via aerial survey by Pat Lagodney of SWCA on June 14, 2024. Surface karst features may have developed after this date and will not be noted in this report. Imagery analysis was completed by David Decker of Southwest Geophysical Consulting on July 1, 2024.

Prior to conducting the aerial karst survey, a surface karst desk study was performed by Southwest Geophysical Consulting. The study was performed using satellite and aerial imagery from Google Earth Pro dated December 20, 2023 (please note features less than one meter in diameter are generally not visible using this method), the Southwest Geophysical Cave and Karst Database dated December 31, 2023, and the Paduca Breaks West, NM, 1:24,000 quad, 1973, USGS topographic map. Please note that we use older topographic maps because newer maps have had caves removed from them. These searches and queries returned no results within the survey boundary.

2.4 Description of Karst Features

No features identified as surface karst features are located in the survey area (Figure 4).

The lack of surface karst features does not mean the area is not karstified. Please be aware that the area may contain buried karst features. Caution is advised while clearing brush and during excavation activities. Employing a BLM-CFO approved karst monitor on site during these activities should be considered.

3.0 RECOMMENDATIONS

3.1 Summary

- The SDNP survey area contains no surface karst features within 200 feet (61 meters) of the spill delineation boundary provided by the client.
- This area may contain subsurface karst features.
- Caution should be exercised while clearing brush and during any excavation, trenching, or construction operations.
- Employing a BLM-CFO approved karst monitor during excavation in this area should be considered.

3.2 Best Practices

This area is prone to rapid karst formation and warrants careful planning and engineering to mitigate karst-forming processes that could be accelerated during remediation processes. Karst guidelines while operating around surface features should be implemented by operators during excavation and soil removal. Mitigation measures for any karst features revealed during excavation shall be approved by the Bureau of Land Management – Carlsbad Field Office and follow the Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment, Code 527, or the Bureau of Land Management Cave and Karst Management Handbook, H-8380-1.

Keep in mind that any flow of gypsum-undersaturated waters into a small crack or crevice can rapidly dissolve any underlying gypsum and cause failure of an impoundment or infrastructure within a matter of months to a few years. It is imperative that any dikes, buffers, or liners installed are checked regularly for integrity, with repairs made immediately upon discovery of failure.

Vigilance during construction is paramount. If voids are encountered during excavation, contact the Bureau of Land Management Karst Division at (575) 234-5972, the New Mexico State Land Office Surface Resources Division at (505) 827-5768, or a BLM-CFO approved karst vendor and request an on-site investigation from a karst expert if one is not already on site. A karst consultant can generally be available in Lea County within five hours.

Approved karst monitors should have karst feature identification training, at least two years of supervised experience identifying karst features, wilderness first aid training, SRT training, confined space training, gas monitor training, and a minimum of SPAR cave rescue training through NCRC. They should have with them the proper gear and be prepared both physically and mentally to enter a collapse feature within minutes to perform a rescue if

needed. Monitoring services with qualified karst monitors, as well as cave surveys and geophysical surveys, are available from Southwest Geophysical Consulting.

Under no circumstances should an untrained, inexperienced person enter a cave, pit, sinkhole, or collapse feature. All field employees of Southwest Geophysical Consulting have extensive caving experience and the ability to determine whether entry into a karst feature is safe or presents a hazard. In the event it is necessary to enter a karst feature, Southwest Geophysical Consulting can provide these services on request.

Cave and karst resource inventory reports for the BLM-CFO should be submitted to:

blm_nm_karst@blm.gov

Cave and karst resource inventory reports for the NMSLO should be submitted to the respective project manager.

4.0 REFERENCES

- 1 Goodbar, J. R. Vol. BLM Management Handbook H-8380-1 (ed Carlsbad Field Office) 59 (Bureau of Land Management, Denver, CO, 2015).
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- 12 Whitehead, W., Bandy, M. & Decker, D. Protocol for Using UAV Photography for Rapid Assessment of Karst Features in Southeast New Mexico. *Proceedings of the 2022 Cave and Karst Management Symposium* (2022).
- 13 Decker, D. D. & Jorgensen, G. L. in *Southwest Geophysical Cave and Karst Database* (ed LLC Southwest Geophysical Consulting) (Albuquerque, NM, 2023).

5.0 GLOSSARY OF TERMS AND ABBREVIATIONS

ACEC	Area of Critical Environmental Concern
AGI	Advanced Geosciences Inc.
BLM-CFO	Bureau of Land Management - Carlsbad Field Office
brecciated	Fractured rock caused by faulting or collapse.
caprock-collapse sinkhole	Collapse of roof-spanning rock into a cave or void.
cave	Natural opening at the surface large enough for a person to enter.
cover-collapse sinkhole	Collapse of roof-spanning soil or clay ground cover into a subsurface void.
DDSG(XX)	Dipole-Dipole, Strong Gradient (XX = number of electrodes)
ERI	Electrical Resistivity Imaging
GPS	Global Positioning System
grike	A solutionally enlarged, vertical, or sub-vertical joint or fracture.
(H)	High confidence modifier for a PKF. This is typically reserved for a feature that is definitely karst but has not been confirmed in the field.
HKOZ	High Karst Occurrence Zone
InSAR	Interferometric Synthetic Aperture Radar. A method by which radar signals from satellites are processed to determine the amount and rate of subsidence of an area as well as whether the area is actively subsiding.
karst	A landscape containing solutional features such as caves, sinkholes, swallets, and springs.
(L)	Low confidence modifier for a PKF. This is typically a feature that cannot be ruled out as karst but is most likely NOT karst related. This modifier may also be used for pseudokarst features.
LED	Locally enclosed depression. A natural depression on the surface that collects rainwater. Some contain swallets and/or caves, others do not.
LKOZ	Low Karst Occurrence Zone
(M)	Medium confidence modifier for PKF. This is an ambiguous feature that can't be positively identified as karst without a field visit (e.g., burrows, abandoned unlined wells, solution tubes, pseudokarst).
MKOZ	Medium Karst Occurrence Zone
NCRC	National Cave Rescue Commission
NKF	Non-karst feature. Used for features originally identified as PKF that have been subsequently identified in the field as non-karst related. This term may also be used for pseudokarst features.
NMSLO	New Mexico State Land Office

Ohm-m	Ohm-meter, a unit of measurement for resistivity. Also sometimes abbreviated Ω -m.
paleokarst	Previously formed karst features that have been filled in by erosion and/or deposition of minerals.
Pat	Permian Artesia Group
Pc	Permian Capitan Formation
Pcs	Permian Castile Formation
Pdl	Permian Dewey Lake Formation
PKF	Possible karst feature. This term is reserved for features identified in satellite or aerial imagery that have NOT been visited in the field. Further modifiers include (H) for high confidence, (M) for medium confidence, and (L) for low confidence. These confidence levels are based on field experience.
PLSS	Public Land Survey System
Pqg	Permian Queen/Greyburg Formation
Pru	Permian Rustler Formation
pseudokarst	Karst-like features (sinkholes, conduits, voids etc.) that are not formed by dissolution. These types of features include soil piping, lava tubes, and some cover-collapse and suffosion sinkholes.
Psl	Permian Salado Formation
Psr	Permian Seven Rivers Formation
Pt	Permian Tansill Formation
Py	Permian Yates Formation
Qal	Quaternary alluvium
Qe	Quaternary eolian deposits
Qp	Quaternary piedmont deposits
Qpl	Quaternary playa lake deposits
RKF	Recognized karst feature. This term is reserved for karst features that have been physically verified in the field.
SKF	Surface Karst Feature
SPAR	Small Party Assisted Rescue
suffosion sinkhole	Raveling of soil into a pre-existing void or fracture.
swallet	A natural opening in the surface, too small for a person, that drains water to an aquifer. Some are "open," meaning a void can be seen below; some are "closed," meaning they are full of sediment.
SWG	Southwest Geophysical Consulting, LLC
To	Tertiary Ogallala Formation
UTM	Universal Transverse Mercator (projected coordinates)

(V)	Field verified modifier for a PKF. This indicates that the feature has been visited by a qualified karst professional in the field and fully identified
WGS	World Geodetic System (geographic coordinates)
BLM-CFO	Bureau of Land Management - Carlsbad Field Office
caprock-collapse sinkhole	Collapse of roof-spanning rock into a cave or void.
cave	Natural opening at the surface large enough for a person to enter.
cover-collapse sinkhole	Raveling of soil into a pre-existing void or fracture.
GPS	Global Positioning System
NMSLO	New Mexico State Land Office
closed depression	A natural depression on the surface that collects rainwater. Some contain swallets and/or caves, others do not.
Pru	Permian Rustler Formation
Psl	Permian Salado Formation
Qal	Quaternary alluvium
Qp	Quaternary piedmont deposits
swallet	A natural opening in the surface, too small for a person, that drains water to an aquifer. Some are "open," meaning a void can be seen below; some are "closed," meaning they are full of sediment.
WGS	World Geodetic System

6.0 ATTESTATION

David D. Decker, PhD, PG, CPG

Chief Executive Officer, Principal Geologist

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CERTIFICATE OF AUTHOR

I, David D. Decker, a Licensed Professional Geologist and a Certified Professional Geologist, do certify that:

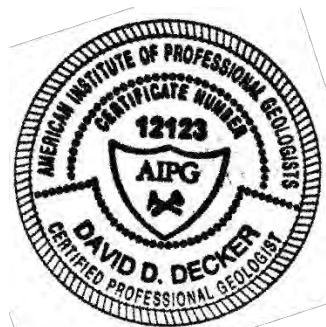
- I am currently employed as a consulting geologist in the specialty of caves and karst with an office address of 5117 Fairfax Dr. NW, Albuquerque, NM, USA, 87114.
- I graduated with a Master of Science in Applied Physics with a specialization in Sensor Systems from the Naval Post Graduate School in Monterey, California, in 2003, and a Doctor of Philosophy in Earth and Planetary Sciences from the University of New Mexico, Albuquerque, New Mexico, in 2018.
- I am a Licensed Professional Geologist in the State of Texas, USA (PG-15242) and have been since 2021. I am a Certified Professional Geologist through the American Institute of Professional Geologists (CPG-12123) and have been since 2021.
- I have been employed as a geologist continuously since 2016. I was previously employed as a Fire Controlman, Naval Flight Officer, and Aerospace Engineering Duty Officer in the U.S. Navy and operated, maintained, and installed various sensor systems including magnetic, electromagnetic, radar, communications, and acoustic systems in various capacities from 1986 through 2010.
- I have been involved in various aspects of cave and karst studies continuously since 1985, including exploration, mapping, and scientific studies.
- I have read the definition of “qualified karst professional” set out in the ASTM Standard (currently in review). I meet the definition of “qualified professional” for the purposes of ASTM E-1527.
- I am responsible for the content, compilation, and editing of all sections of report number CARM-001-20240528 entitled, “Cave and Karst Resource Inventory Report, Salado Draw North Pond, Lea County, New Mexico.” I or a duly authorized and qualified representative of Southwest Geophysical Consulting, LLC, have personally visited this site and/or reviewed the aerial imagery on the date or dates mentioned in section **2.3 Description of Survey**.

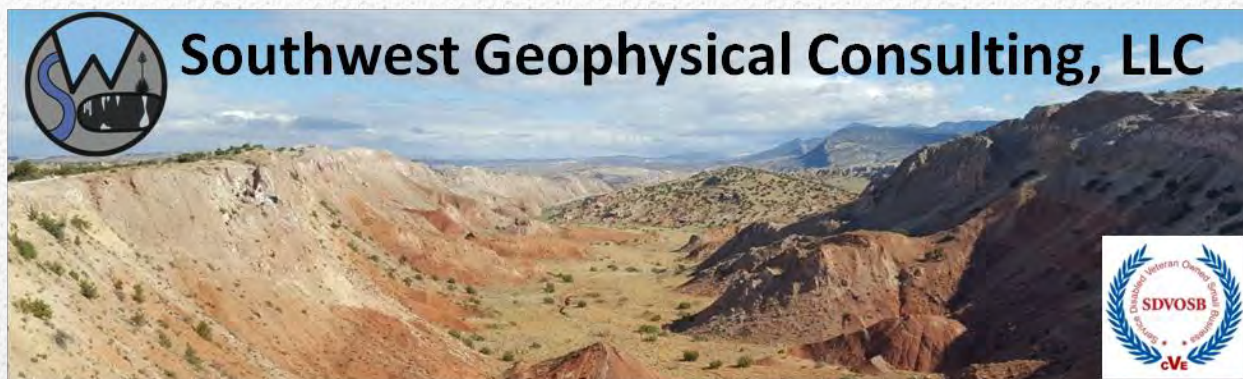
- I have no prior involvement nor monetary interest in the described property or project, save for my fee for conducting this investigation and providing the report.

Dated in Albuquerque, New Mexico, July 9, 2024.



David D. Decker
PhD, CPG-12123





Cave and Karst Resource Inventory Report Salado Draw Pasture Release Lea County, New Mexico

Prepared for:

**Carmona Resources, LLC
310 West Wall Street, Suite 500
Midland, TX 79701**

- ☐ Positive within 200 feet of spill delineation boundary
- ☒ Negative within 200 feet of spill delineation boundary
- ☐ Karst Monitor Recommended

September 13, 2024

CARM-002-20240814

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TABLE OF CONTENTS

FRONT MATTER..... i

TABLE OF CONTENTS.....ii

LIST OF FIGURES.....iii

LIST OF TABLES.....iii

1.0 INTRODUCTION..... 1

 1.1 Goals of this Study..... 1

 1.2 Summary of Findings..... 1

 1.3 Affected Environment..... 1

 1.4 Limitations of Report..... 3

2.0 LOCATION AND DESCRIPTION OF STUDY AREA..... 4

 2.1 Description of Site..... 4

 2.2 Local Geology Summary..... 5

 2.3 Description of Survey..... 6

 2.4 Description of Karst Features..... 7

3.0 RECOMMENDATIONS 8

 3.1 Summary 8

 3.2 Disclosure Statement..... 8

4.0 REFERENCES 10

5.0 GLOSSARY OF TERMS AND ABBREVIATIONS 12

6.0 ATTESTATION 15

LIST OF FIGURES

Figure 1: Karst occurrence overview 2

Figure 2: Land ownership and PLSS overview..... 4

Figure 3: Geology overview 5

Figure 4: Survey overview 6

LIST OF TABLES

This report does not contain any tables.

1.0 INTRODUCTION

An environmental karst survey was commissioned by Carmona Resources, LLC (hereinafter referred to as "the client"), on August 14, 2024, for the purpose of determining what, if any, karst-related surface features are present within a 200-foot (61-meter) boundary surrounding the Salado Draw Pasture Release area (hereinafter termed "SDPR").

As indicated in section **1.3 Affected Environment**, the bedrock and overlying soil at the survey site are susceptible to sinkhole development and karst features may be hidden beneath the existing soil stratum. Risk associated with sinkhole formation can be minimized during remediation by careful excavation of the spill site and the control of site hydrology. The owner/developer must recognize, however, that a risk of sinkhole-induced damage to infrastructure does exist even after remediation. If remediation measures have not already been conducted, performing a geophysical survey to determine if subsurface karst development exists for personnel and equipment safety should be considered.

1.1 Goals of this Study

To provide the client with the location, description, photos, and buffers of any surface karst-related features within a 200-foot (61-meter) survey boundary^[1] for the SDPR project as provided by the client via e-mail (**Salado Draw Pasture - Carmona Resources - Karst Survey Outline.kmz**) on August 14, 2024.

1.2 Summary of Findings

No surface karst features are located within 200 feet (61 meters) of the spill delineation boundary for the SDPR project. Additionally, no surface karst features are located within the standard 200-meter karst survey boundary.

The lack of surface karst features does not mean the area is not karstified and the survey area may still contain buried karst features. Caution should be exercised while clearing brush and during any excavation operations.

A geophysical survey has not been conducted at this location^[2]; therefore a subsurface evaluation has **NOT** been performed and a finding of stable ground beneath the release site cannot be provided at this time.

1.3 Affected Environment

The proposed SDPR project is located in evaporite karst terrain, a landform that is characterized by underground drainage through solutionally enlarged conduits. Evaporite karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes leading to

underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers of the region.

Additionally, karst may develop by hypogene processes involving dissolution by upwelling fluids from depth independent of recharge from the overlying or immediately adjacent surface. Hypogene karst systems may not be connected to the surface and can remain undiscovered unless encountered during drilling or excavation.

Karst features are delicate resources that are often of geological, hydrological, biological, and archeological importance, and should be protected. The three primary concerns in these types of terrain are environmental issues, worker safety, and infrastructure integrity.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) zone of responsibility as having either low, medium, high, or critical cave potential based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers^[3]. These designations are also recognized by the New Mexico State Land Office (NMSLO). This project occurs within a **MEDIUM** karst occurrence zone (MKOZ)^[4] (**Figure 1**).

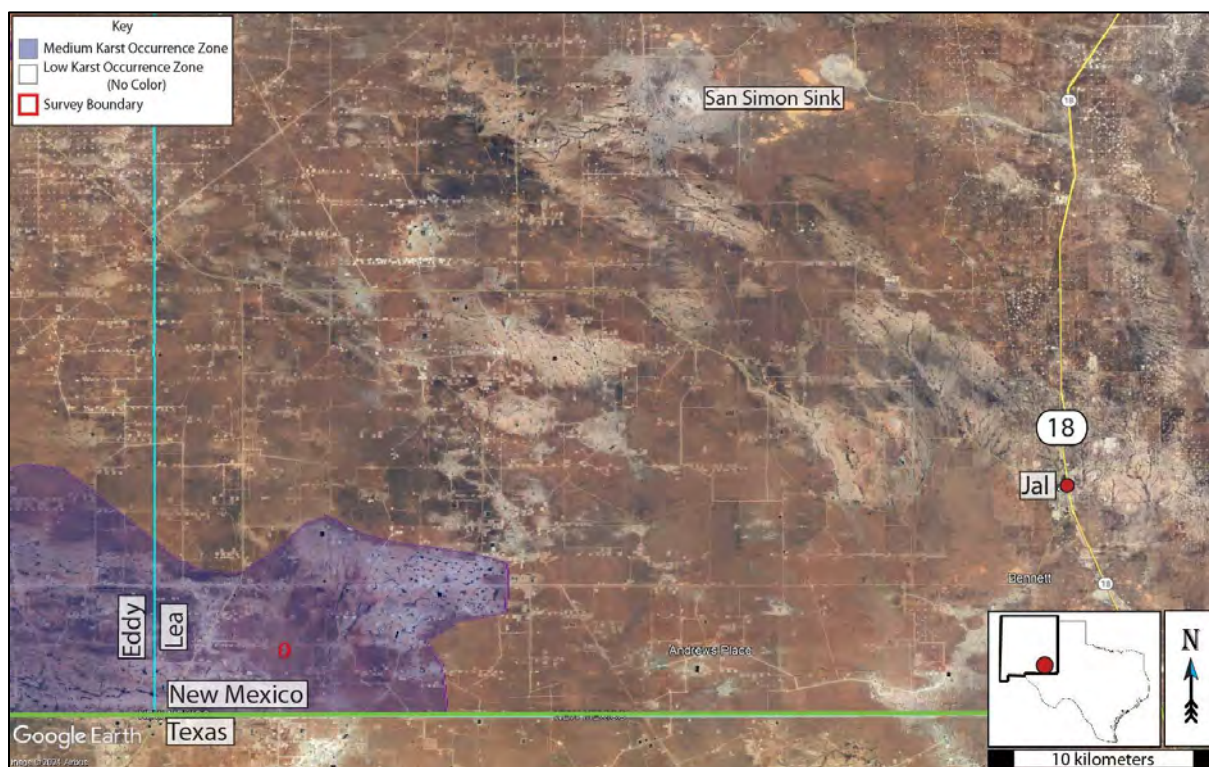


Figure 1: Karst occurrence overview. Background image: Google Earth. Image date: January 5, 2024. Datum: WGS-84.

A medium karst occurrence zone is defined as an area in known soluble rock types that may have a shallow insoluble overburden. These areas may contain isolated karst features such as caves and sinkholes. Groundwater recharge may not be wholly dependent on karst features, but the karst features still provide the most rapid aquifer recharge in response to surface runoff^[3].

1.4 Limitations of Report

This report should be read in full. No responsibility is accepted for the use of any part of this report in any other context or for any other purpose or by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

This report has been prepared for the use of Carmona Resources, LLC, in accordance with generally accepted consulting practices. Every effort has been made to ensure the information in this report is accurate as of the time of its writing. This report has not been prepared for use by parties other than the client, their contracting party, and their respective consulting advisors. It may not contain sufficient information for the purposes of other parties or for other uses.

This report was prepared upon completion of the associated fieldwork using a standard template prepared by Southwest Geophysical Consulting and is based on information collected prior to fieldwork, conditions encountered on site, and data collected during the fieldwork and reviewed at the time of preparation. Southwest Geophysical Consulting disclaims responsibility for any changes that might have occurred at the site after this time. Physical verification of aerial imagery analysis results in the field should be conducted prior to using this information for remediation planning. Physical verification of geophysical results using geotechnical methods should be considered.

To the best of our knowledge, information contained in this report is accurate at the date of issue; Due to the nature of karst terrain, information in this report shall not be used beyond three years past the date of imagery collection (see section **2.3 Description of Survey**).

2.0 LOCATION AND DESCRIPTION OF STUDY AREA

2.1 Description of Site

The SDPR project site is located in Lea County, New Mexico, 44.2 kilometers (27.4 miles) west-southwest of Jal, New Mexico (**Figure 1** and **Figure 2**). The release is located within the NW $\frac{1}{4}$ section of section 23 of NM T26S R32E^[5]. The region is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January^[6]. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map^[7] and the vegetation consists mostly of areas of grass, sparse creosote, and sparse yucca, with very good visibility in most locations. See section **2.2 Local Geology** for the geology of the area. The entirety of the survey is within an MKOZ (**Figure 1**) and within BLM-CFO managed land (**Figure 2**).

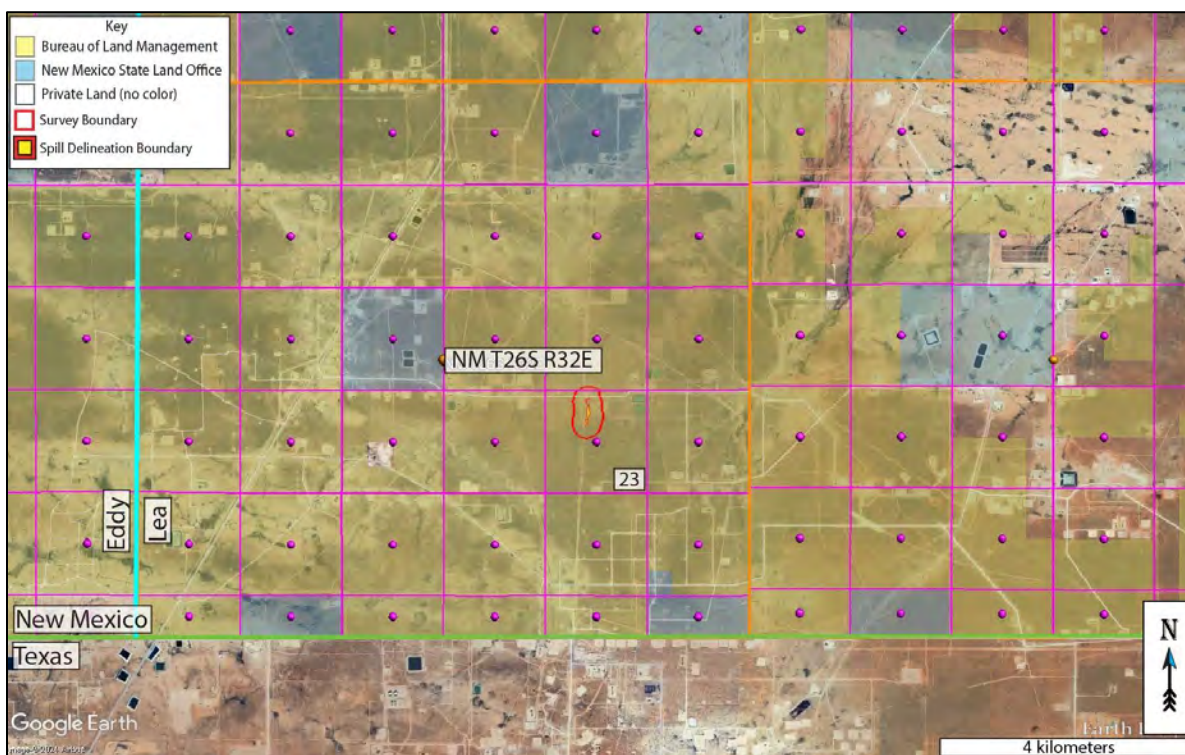


Figure 2: Land ownership^[8] and PLSS^[5] overview. Background image credit: Google Earth. Image date: December 20, 2023. Datum: WGS-84.

2.2 Local Geology Summary

The area surveyed for the SDPR project is located east of Red Hills Draw at an elevation of 959 meters (3,146 feet), $\pm$ 2 meters (6.6 feet), within an area underlain by the Triassic Dockum Group (TRd) and the Permian Dewey Lake Formation (PdL, covered by Quaternary deposits in the below image). The area is mantled by thin Quaternary eolian sands (Qe)^[9] between 0 and 6 meters in depth (**Figure 3**).

The Dockum Group is contemporaneous with the Chinle Formation of the Colorado Plateau and is almost its exact equivalent^[10]. The TRd is a mix of conglomerates, sandstones, mudstones and siltstones that are generally dark reddish-brown and contain conspicuous cross-laminations^[11].

The Dewey Lake Formation is composed of calcite-cemented, hematite-stained quartz sand grains and occasional gypsum lenses and can, in favorable conditions, form cavernous porosity within 30 meters of the top of the underlying Rustler Formation^[12]. The Dewey Lake is also known to be highly fractured near areas of heavy halite dissolution (e.g., Nash Draw) and these fractures can act as hydrologic conduits^[13].

This area is moderately karstified and has sinkholes, swallets, caves, and other karst features nearby. The survey area is covered by the easily accessible Geologic Map of New Mexico (2003) at 1:500,000 scale^[14].

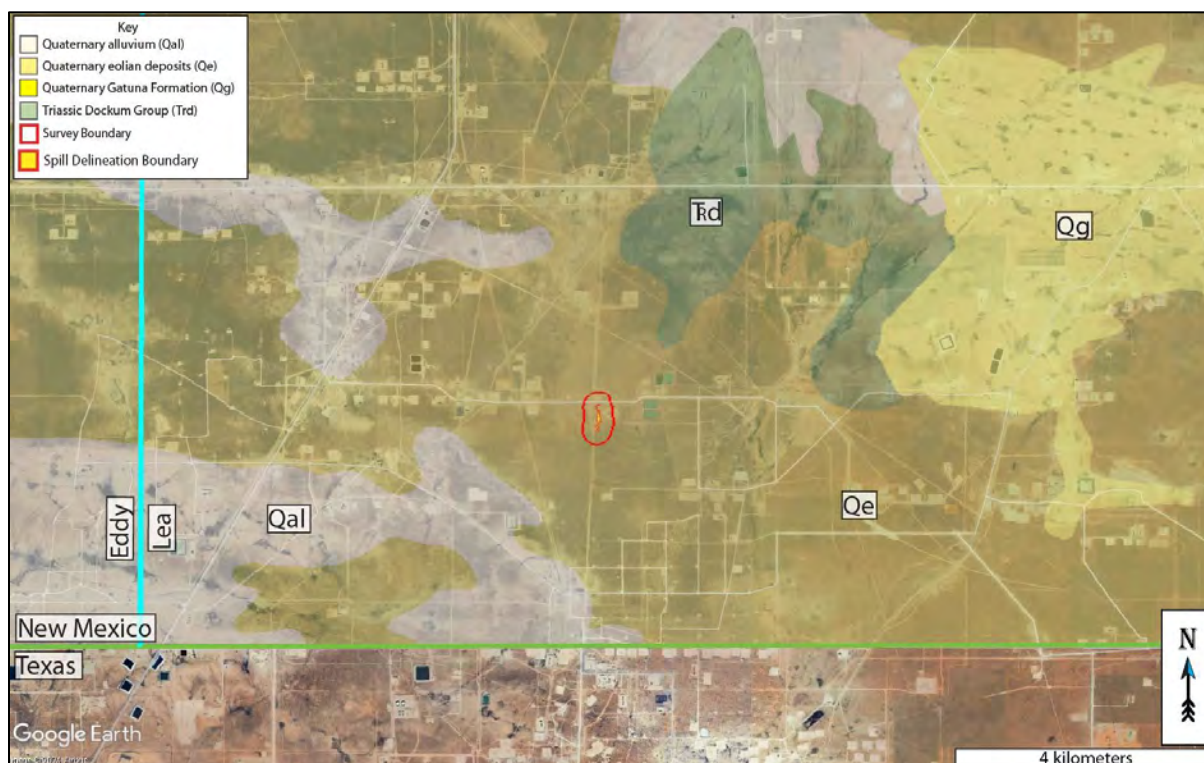


Figure 3: Geology overview. Map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format^[9], and Google Earth. Image date: December 20, 2023. Datum: WGS-84.

2.3 Description of Survey

Southwest Geophysical Consulting, in partnership with SWCA Environmental Consultants, provides aerial karst surveys using drones that are flown by qualified, FAA licensed drone pilots and that meet the stringent Bureau of Land Management – Carlsbad Field Office requirements for both pedestrian and aerial karst surveys.

Aerial karst surveys are conducted at low elevation following a preplanned raster pattern flightpath designed for the purpose of generating at least 75% imagery overlap. The collected high-resolution, georeferenced imagery is stitched together to develop orthomosaic imagery which is further developed into a digital elevation model (DEM); the DEM is then processed into a local relief model (LRM) (**Figure 4**). This LRM is color coded to enhance differences in elevation of as little as five centimeters. The orthoimagery, DEM, and LRM are uploaded to a server where they are analyzed by a highly qualified karst geologist. Finally, the data is reviewed by a senior karst geologist for quality assurance and downloaded into a table for inclusion in a written report^[15].

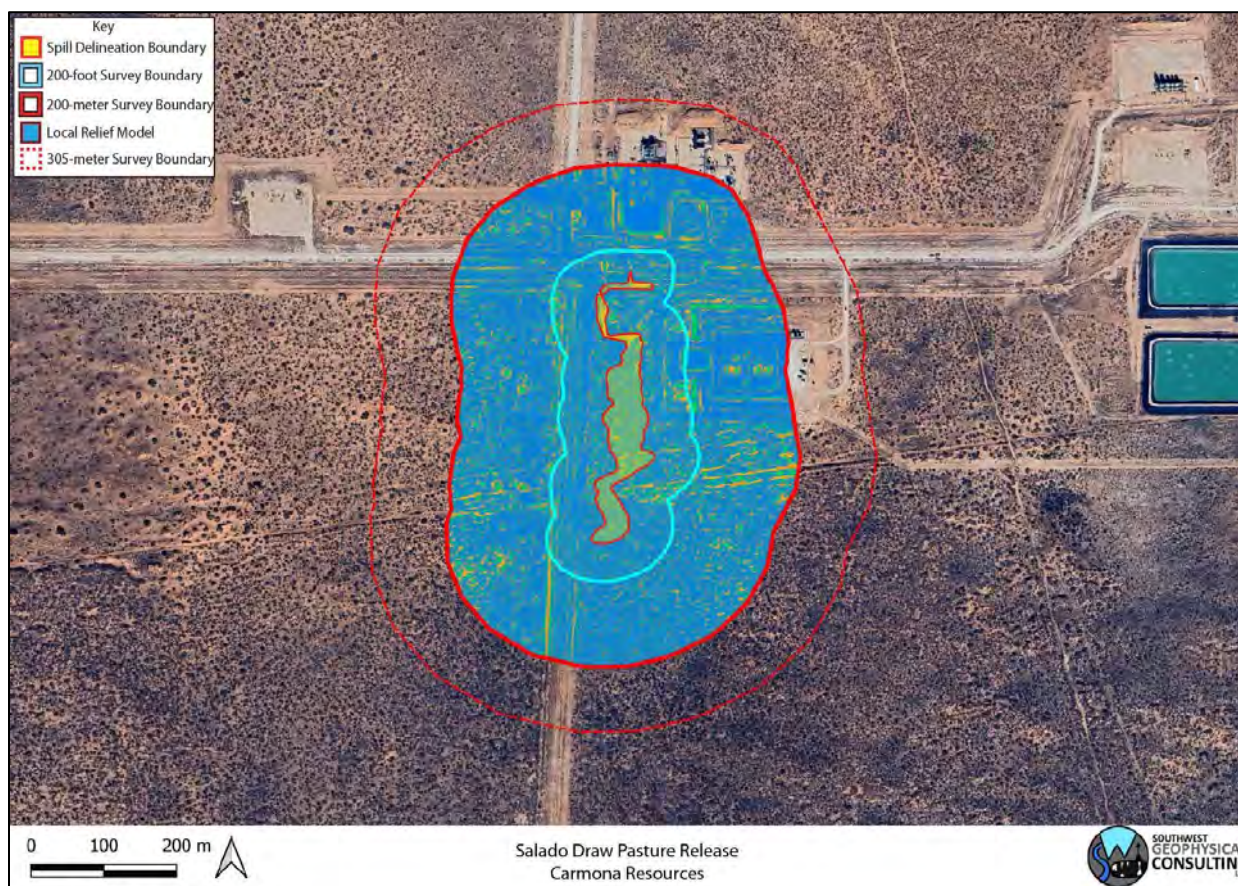


Figure 4: Survey overview. Background image credit: Google Earth. Image date: December 20, 2023. Datum: WGS-84.

Resolution of the orthoimagery is clear enough that features as small as 10 centimeters can be positively identified in most circumstances. Occasionally there are ambiguous features identified during an aerial survey that will need to be checked in the field if they impact the facility's location. Specifically, it is difficult to tell the difference between solution tubes, abandoned uncased well bores, and some burrows in drone imagery^[16]. If an ambiguous feature is located during imagery analysis, it is marked with a yellow dot in **Figure 4**. If a feature of any likelihood is subsequently verified in the field prior to publication of the report, the dot will be changed to a red triangle if confirmed as a karst feature or deleted if not.

The imagery for this study was collected via aerial survey by Pat Lagodney of SWCA on August 19, 2024. Surface karst features may have developed after this date and will not be noted in this report. Imagery analysis was completed by David Decker of Southwest Geophysical Consulting on August 25, 2024.

Prior to conducting the aerial karst survey, a surface karst desk study was performed by Southwest Geophysical Consulting within 305 meters (1,000 feet) of the spill delineation boundary^[1]. The study was performed using satellite and aerial imagery from Google Earth Pro dated December 20, 2023 (please note features less than one meter in diameter are generally not visible using this method), the Southwest Geophysical Cave and Karst Database dated December 31, 2023^[17], the Paduca Breaks West, NM, 1:24,000 quad, 1973, USGS topographic map, and the most recently available lidar data set from CalTopo (caltopo.com). Please note that we use older topographic maps because newer maps have had caves removed from them. These searches and queries returned no results within the survey boundary.

2.4 Description of Karst Features

No features identified as surface karst features are located within the survey area (Figure 4).

The lack of surface karst features does not mean the area is not karstified. Please be aware that the area may contain buried karst features. Caution is advised while clearing brush and during excavation activities.

A geophysical survey has not been conducted at this location^[2]; therefore a subsurface evaluation has **NOT** been performed and a finding of stable ground beneath the release site cannot be provided at this time.

3.0 RECOMMENDATIONS

3.1 Summary

- **The SDPR survey area contains no surface karst features within 200 feet (61 meters) of the spill delineation boundary provided by the client.**
- This area may contain subsurface karst features.
- Caution should be exercised while clearing brush and during any excavation operations.
- A geophysical survey has not been conducted at this location; therefore a subsurface evaluation has **NOT** been performed and a finding of stable ground beneath the release site cannot be provided at this time.

3.2 Disclosure Statement

Mitigation measures for any karst features revealed during excavation shall be approved by the Bureau of Land Management – Carlsbad Field Office and follow the Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment, Code 527, or the Bureau of Land Management Cave and Karst Management Handbook, H-8380-1.

If voids are encountered during excavation, contact the Bureau of Land Management Karst Division at (575) 234-5972, the New Mexico State Land Office Surface Resources Division at (505) 827-5768, or a BLM-CFO approved karst vendor and request an on-site investigation from a karst expert if one is not already on site. A karst consultant can generally be available in Lea County within five hours.

Approved karst monitors should have karst feature identification training, at least two years of supervised experience identifying karst features, wilderness first aid training, SRT training, confined space training, gas monitor training, and a minimum of SPAR cave rescue training through NCRC. They should have with them the proper gear and be prepared both physically and mentally to enter a collapse feature within minutes to perform a rescue if needed. Monitoring services with qualified karst monitors, as well as cave surveys and geophysical surveys, are available from Southwest Geophysical Consulting.

Under no circumstances should an untrained, inexperienced person enter a cave, pit, sinkhole, or collapse feature. All field employees of Southwest Geophysical Consulting have extensive caving experience and the ability to determine whether entry into a karst feature is safe or presents a hazard. In the event it is necessary to enter a karst feature, Southwest Geophysical Consulting can provide these services on request.

Cave and karst resource inventory reports for the BLM-CFO should be submitted to:

blm_nm_karst@blm.gov

Cave and karst resource inventory reports for the NMSLO should be submitted to the respective project manager.

Environmental karst survey reports for the OCD should be submitted to the respective project manager.

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- 1 Division, O. C. *Title 19, Chapter 15, Part 29* (Oil Conservation Division, 2018).
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- 15 Whitehead, W., Bandy, M. & Decker, D. Protocol for Using UAV Photography for Rapid Assessment of Karst Features in Southeast New Mexico. *Proceedings of the 2022 Cave and Karst Management Symposium* (2022).

- 16 Decker, D. *Discussion on karst feature naming standards for Southwest Geophysical Consulting, LLC* (Southwest Geophysical Consulting, LLC, 2022).
- 17 Decker, D. D. & Jorgensen, G. L. in *Southwest Geophysical Cave and Karst Database* (ed LLC Southwest Geophysical Consulting) (Albuquerque, NM, 2023).

5.0 GLOSSARY OF TERMS AND ABBREVIATIONS

ACEC	Area of Critical Environmental Concern
AGI	Advanced Geosciences Inc.
BLM-CFO	Bureau of Land Management - Carlsbad Field Office
brecciated	Fractured rock caused by faulting or collapse.
caprock-collapse sinkhole	Collapse of roof-spanning rock into a cave or void.
cave	Natural opening at the surface large enough for a person to enter.
cover-collapse sinkhole	Collapse of roof-spanning soil or clay ground cover into a subsurface void.
DDSG(XX)	Dipole-Dipole, Strong Gradient (XX = number of electrodes)
ERI	Electrical Resistivity Imaging
GPS	Global Positioning System
grike	A solutionally enlarged, vertical, or sub-vertical joint or fracture.
(H)	High confidence modifier for a PKF. This is typically reserved for a feature that is definitely karst but has not been confirmed in the field.
HKOZ	High Karst Occurrence Zone
InSAR	Interferometric Synthetic Aperture Radar. A method by which radar signals from satellites are processed to determine the amount and rate of subsidence of an area as well as whether the area is actively subsiding.
karst	A landscape containing solutional features such as caves, sinkholes, swallets, and springs.
(L)	Low confidence modifier for a PKF. This is typically a feature that cannot be ruled out as karst but is most likely NOT karst related. This modifier may also be used for pseudokarst features.
LED	Locally enclosed depression. A natural depression on the surface that collects rainwater. Some contain swallets and/or caves, others do not.
LKOZ	Low Karst Occurrence Zone
(M)	Medium confidence modifier for PKF. This is an ambiguous feature that can't be positively identified as karst without a field visit (e.g., burrows, abandoned unlined wells, solution tubes, pseudokarst).
MKOZ	Medium Karst Occurrence Zone
NCRC	National Cave Rescue Commission
NKF	Non-karst feature. Used for features originally identified as PKF that have been subsequently identified in the field as non-karst related. This term may also be used for pseudokarst features.
NMSLO	New Mexico State Land Office

Ohm-m	Ohm-meter, a unit of measurement for resistivity. Also sometimes abbreviated Ω -m.
paleokarst	Previously formed karst features that have been filled in by erosion and/or deposition of minerals.
Pat	Permian Artesia Group
Pc	Permian Capitan Formation
Pcs	Permian Castile Formation
Pdl	Permian Dewey Lake Formation
PKF	Possible karst feature. This term is reserved for features identified in satellite or aerial imagery that have NOT been visited in the field. Further modifiers include (H) for high confidence, (M) for medium confidence, and (L) for low confidence. These confidence levels are based on field experience.
PLSS	Public Land Survey System
Pqg	Permian Queen/Greyburg Formation
Pru	Permian Rustler Formation
pseudokarst	Karst-like features (sinkholes, conduits, voids etc.) that are not formed by dissolution. These types of features include soil piping, lava tubes, and some cover-collapse and suffosion sinkholes.
Psl	Permian Salado Formation
Psr	Permian Seven Rivers Formation
Pt	Permian Tansill Formation
Py	Permian Yates Formation
Qal	Quaternary alluvium
Qe	Quaternary eolian deposits
Qp	Quaternary piedmont deposits
Qpl	Quaternary playa lake deposits
RKF	Recognized karst feature. This term is reserved for karst features that have been physically verified in the field.
SKF	Surface Karst Feature
SPAR	Small Party Assisted Rescue
suffosion sinkhole	Raveling of soil into a pre-existing void or fracture.
swallet	A natural opening in the surface, too small for a person, that drains water to an aquifer. Some are "open," meaning a void can be seen below; some are "closed," meaning they are full of sediment.
SWG	Southwest Geophysical Consulting, LLC
Trd	Triassic Dockum Group
To	Tertiary Ogallala Formation

UTM	Universal Transverse Mercator (projected coordinates)
(V)	Field verified modifier for a PKF. This indicates that the feature has been visited by a qualified karst professional in the field and fully identified
WGS	World Geodetic System (geographic coordinates)
BLM-CFO	Bureau of Land Management - Carlsbad Field Office
caprock-collapse sinkhole	Collapse of roof-spanning rock into a cave or void.
cave	Natural opening at the surface large enough for a person to enter.
cover-collapse sinkhole	Raveling of soil into a pre-existing void or fracture.
GPS	Global Positioning System
NMSLO	New Mexico State Land Office
closed depression	A natural depression on the surface that collects rainwater. Some contain swallets and/or caves, others do not.
Pru	Permian Rustler Formation
Psl	Permian Salado Formation
Qal	Quaternary alluvium
Qp	Quaternary piedmont deposits
swallet	A natural opening in the surface, too small for a person, that drains water to an aquifer. Some are "open," meaning a void can be seen below; some are "closed," meaning they are full of sediment.
WGS	World Geodetic System

6.0 ATTESTATION

David D. Decker, PhD, PG, CPG

Chief Executive Officer, Principal Geologist
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5117 Fairfax Dr. NW
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CERTIFICATE OF AUTHOR

I, David D. Decker, a Licensed Professional Geologist and a Certified Professional Geologist, do certify that:

- I am currently employed as a consulting geologist in the specialty of caves and karst with an office address of 5117 Fairfax Dr. NW, Albuquerque, NM, USA, 87114.
- I graduated with a Master of Science in Applied Physics with a specialization in Sensor Systems from the Naval Post Graduate School in Monterey, California, in 2003, and a Doctor of Philosophy in Earth and Planetary Sciences from the University of New Mexico, Albuquerque, New Mexico, in 2018.
- I am a Licensed Professional Geologist in the State of Texas, USA (PG-15242) and have been since 2021. I am a Certified Professional Geologist through the American Institute of Professional Geologists (CPG-12123) and have been since 2021.
- I have been employed as a geologist continuously since 2016. I was previously employed as a Fire Controlman, Naval Flight Officer, and Aerospace Engineering Duty Officer in the U.S. Navy and operated, maintained, and installed various sensor systems including magnetic, electromagnetic, radar, communications, and acoustic systems in various capacities from 1986 through 2010.
- I have been involved in various aspects of cave and karst studies continuously since 1985, including exploration, mapping, and scientific studies.
- I have read the definition of "qualified karst professional" set out in the ASTM Standard Practice for Preliminary Karst Terrain Assessment for Site Development (ASTM E-1527). I meet the definition of "qualified professional" for the purposes of this standard.
- I am responsible for the content, compilation, and editing of all sections of report number CARM-002-20240814 entitled, "Cave and Karst Resource Inventory Report, Salado Draw Pasture Release, Lea County, New Mexico." I or a duly authorized and qualified representative of Southwest Geophysical Consulting, LLC, have personally visited this site and/or reviewed the aerial imagery on the date or dates mentioned in section **2.3 Description of Survey**.

- I have no prior involvement nor monetary interest in the described property or project, save for my fee for conducting this investigation and providing the report.

Dated in Albuquerque, New Mexico, September 16, 2024.



David D. Decker
PhD, CPG-12123





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance (meters)	Well Depth (In feet)	Depth Water	Water Column
C 04880 POD1		CUB	LE	SW	SE	SE	14	26S	32E	628447.5	3545287.3		191	112		
C 04485 POD1		CUB	LE	SE	NW	NW	12	26S	32E	629038.9	3548125.2		2993	55		
C 04549 POD1		CUB	LE	NW	NW	NW	11	26S	32E	627111.4	3548316.9		3483	0	0	0
C 04547 POD1		CUB	LE	NE	SE	SE	07	26S	33E	631685.9	3547262.2		3736	112		

Average Depth to Water: 0 feet

Minimum Depth: 0 feet

Maximum Depth: 0 feet

Record Count: 4

UTM Filters (in meters):

Easting: 628593.84
Northing: 3545164.53
Radius: 4000

* UTM location was derived from PLSS - see Help

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



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OFFICE OF THE STATE ENGINEER

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S). C-4880			
	WELL OWNER NAME(S) Chevron USA Inc. (Agent-H&R Enterprises, LLC/James Hawley)				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS PO 3641				CITY Hobbs	STATE NM	ZIP 88241	
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 02	SECONDS 11.3	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	38	22.7	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC		
	DRILLING STARTED 9-24-24	DRILLING ENDED 9-24-24	DEPTH OF COMPLETED WELL (FT) 112'	BORE HOLE DEPTH (FT) 112'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: ☐ ARTESIAN *add ☒ DRY HOLE ☐ SHALLOW (UNCONFINED) Centralizer info below				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 9-27-24		
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐		
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0'	112'	6"	No Casing left in hole				
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

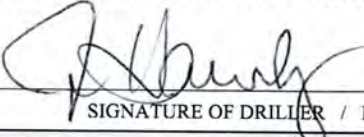
FOR OSE INTERNAL USE

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

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

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0'	25'	25'	Red Sand	Y ✓ N	
	25'	60'	35'	Reddish Brown Sandy Clay	Y ✓ N	
	60"	65"	5'	Pinkish Tan Sandy Clay	Y ✓ N	
	65'	70'	5'	Yellow Sandy Clay	Y ✓ N	
	70'	80'	10'	Reddish Brown Sandy Clay	Y ✓ N	
	80'	85'	5'	Pinkish Tan Sandy Clay	Y ✓ N	
	85'	112'	27'	Dark Red Sandy Clay	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER - SPECIFY: N/A					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Bore was gauged for water on 9-27-24, well bore was dry. Temporary well casing was removed. Borehole was backfilled to 10' BGS with drill cuttings, then hydrated Bentonite chips were poured from 10' BGS to surface.	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Nathan Smelcer	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	James Hawley 9-20-24 DATE

FOR OSE INTERNAL USE

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

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

BORING RECORD

GEOLOGIC UNIT	DEPTH	Start: 10:35 MDT Finish: 15:15 DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING										SAMPLE			REMARKS		
					PPM X _____										NUMBER	PID READING	RECOVERY	DEPTH	BACKGROUND PID READING	
					2	4	6	8	10	12	14	16	18	SOIL : _____ PPM						SOIL : _____ PPM
	0	Silty Sand, 5YR 5/4, Reddish Brown, Very Fine Grained Quartz Sand, Poorly Sorted, Dry	ML																	
	5															1			5	
	10	Caliche, 2.5YR 8/3, Pink, Very Fine Grained, Poorly Sorted, Dry																	7	
	15		Caliche																10	
	20																		15	
	25															2			20	
	30	Silty Sand, 5YR 5/4, Reddish Brown, Fine Grained Quartz Sand with Caliche Clasts (~10mm), Poorly Sorted	ML													3			25	
	35	Caliche, 2.5YR 8/3, Pink, Very Fine Grained, Poorly Sorted with Subangular Clasts (~10mm)	Caliche																30	
	40															4			35	
	45	Silty Sand, 5YR 6/4, Light Reddish Brown, Very Fine Grained Quartz Sand, Poorly Sorted with Subangular Caliche Clasts (~10mm)																	39	
	50		ML																40	
	55																		45	
	60																		50	
																			55	
																			60	

☐ ONE CONTINUOUS AUGER SAMPLER

WATER TABLE (TIME OF BORING)

☐ STANDARD PENETRATION TEST

LABORATORY TEST LOCATION

☐ UNDISTURBED SAMPLE

PENETROMETER (TONS/ SQ. FT)

WATER TABLE (24 HRS)

NO RECOVERY

JOB NUMBER : Chevron/ 19-0180-01HOLE DIAMETER : 2"LOCATION : Salado Draw 24 CTB
32.0250583° , -103.6342389°LAI GEOLOGIST : E. ChavezDRILLING CONTRACTOR : ScarboroughDRILLING METHOD : Air Rotary

Larson & Associates, Inc.
Environmental Consultants

DRILL DATE :
04-14-2020BORING NUMBER :
SB-01

BORING RECORD

GEOLOGIC UNIT	DEPTH	Start: 10:35 MDT Finish: 15:15 DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING										SAMPLE			REMARKS			
					PPM X _____										NUMBER	PID READING	RECOVERY	DEPTH	BACKGROUND PID READING		
					2	4	6	8	10	12	14	16	18	SOIL : _____ PPM						SOIL : _____ PPM	
	65	Silty Sand, 5YR 5/6, Yellowish Red, Very Fine Grained, Poorly Sorted with Subangular Caliche and Black Chert Clasts (~0.5mm)	ML												5			66			
	70																		70		
	75																			75	
	80																			80	
	85																			85	
	90	Silty Sand, 5YR 4/6, Yellowish Red, Fine Grained, Poorly Sorted with Subangular Caliche (~2mm)	ML															90			
	95																		95		
	100																		100		
	101.5															6			101.5		
	105																		105		
		TD:101.5' Dry After 72 Hours																			



ONE CONTINUOUS AUGER SAMPLER



WATER TABLE (TIME OF BORING)



STANDARD PENETRATION TEST



LABORATORY TEST LOCATION



UNDISTURBED SAMPLE



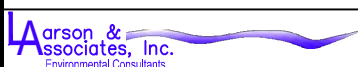
PENETROMETER (TONS/ SQ. FT)



WATER TABLE (24 HRS)



NR NO RECOVERY



DRILL DATE :

04-14-2020

BORING NUMBER :

SB-01

JOB NUMBER : Chevron/ 19-0180-01

HOLE DIAMETER : 2"

LOCATION : Salado Draw 24 CTB
32.0250583°, -103.6342389°

LAI GEOLOGIST : E. Chavez

DRILLING CONTRACTOR : Scarborough

DRILLING METHOD : Air Rotary

BORING RECORD

GEOLOGIC UNIT	DEPTH	Start: 12:39 Finish: 14:32 DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING									SAMPLE			REMARKS	
					PPM X _____									NUMBER	PID READING	RECOVERY DEPTH	BACKGROUND PID READING SOIL: _____ PPM SOIL: _____ PPM	
					2	4	6	8	10	12	14	16	18					
	0	Caliche, 5YR 8/1, White, Fill	Caliche															
	5	Silty Sand, 5YR 5/6, Yellowish Red, Very Fine Grained Quartz, Poorly Sorted, Grain Imbedded with Caliche below 5', White, 5YR 8/1, Quartz Sand, Medium to Coarse Grade	SM															
	10																	
	15																	
	20	Sand, 7.5YR 5/6, Strong Brown, Very Fine Grained Quartz Sand, Rounded, Poorly Sorted Reddish Brown, 5YR 5/4, Yellowish Red, 5YR 5/6, below 20', Dry	SW												2		20	12:47
	25																	
	30	Thin Caliche Beds Below 25', Indurated, 5YR 7/0, Pink, Moderately Hard																
	35	Sandstone Harder Below 30', Hard at 35'-40', Fine to Very Fine Grained Quartz Sand, Very Well Cemented	Sand Stone															
	40	Shale (Red Bed), 2.5YR 4/6, Red, Very Fine Grained, Poorly Sorted, Weakly Cemented, Dry													3		40	13:19
	45																	
	50																	
	55	Below 50' Interbedded with Thin Sandstone Beds, Moderately Hard, Dry	Shale												4		60	13:39
	60																	
	65																	

☐ ONE CONTINUOUS AUGER SAMPLER

☐ STANDARD PENETRATION TEST

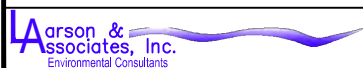
☐ UNDISTURBED SAMPLE

☐ WATER TABLE (24 HRS)

☐ WATER TABLE (TIME OF BORING)

☐ LABORATORY TEST LOCATION

☐ PENETROMETER (TONS/ SQ. FT)

☐ NR NO RECOVERY
JOB NUMBER : Chevron/ 20-0107-23HOLE DIAMETER : 5"LOCATION : Malestorm 15-1 SWD 103°39'35.87"N, 32°2'28.43"WLAI GEOLOGIST : M. LarsonDRILLING CONTRACTOR : Scarborough DrillingDRILLING METHOD : Air Rotary


Larson & Associates, Inc.
Environmental Consultants

 DRILL DATE :
10/12/2022

 BORING NUMBER :
BH-1

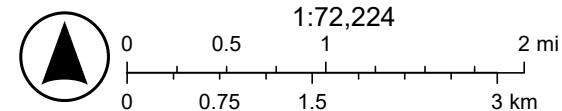
Released to Imaging: 10/31/2025 2:18:50 PM

SALADO DRAW SWD 13 ROTF FACILITY (06.03.2025)



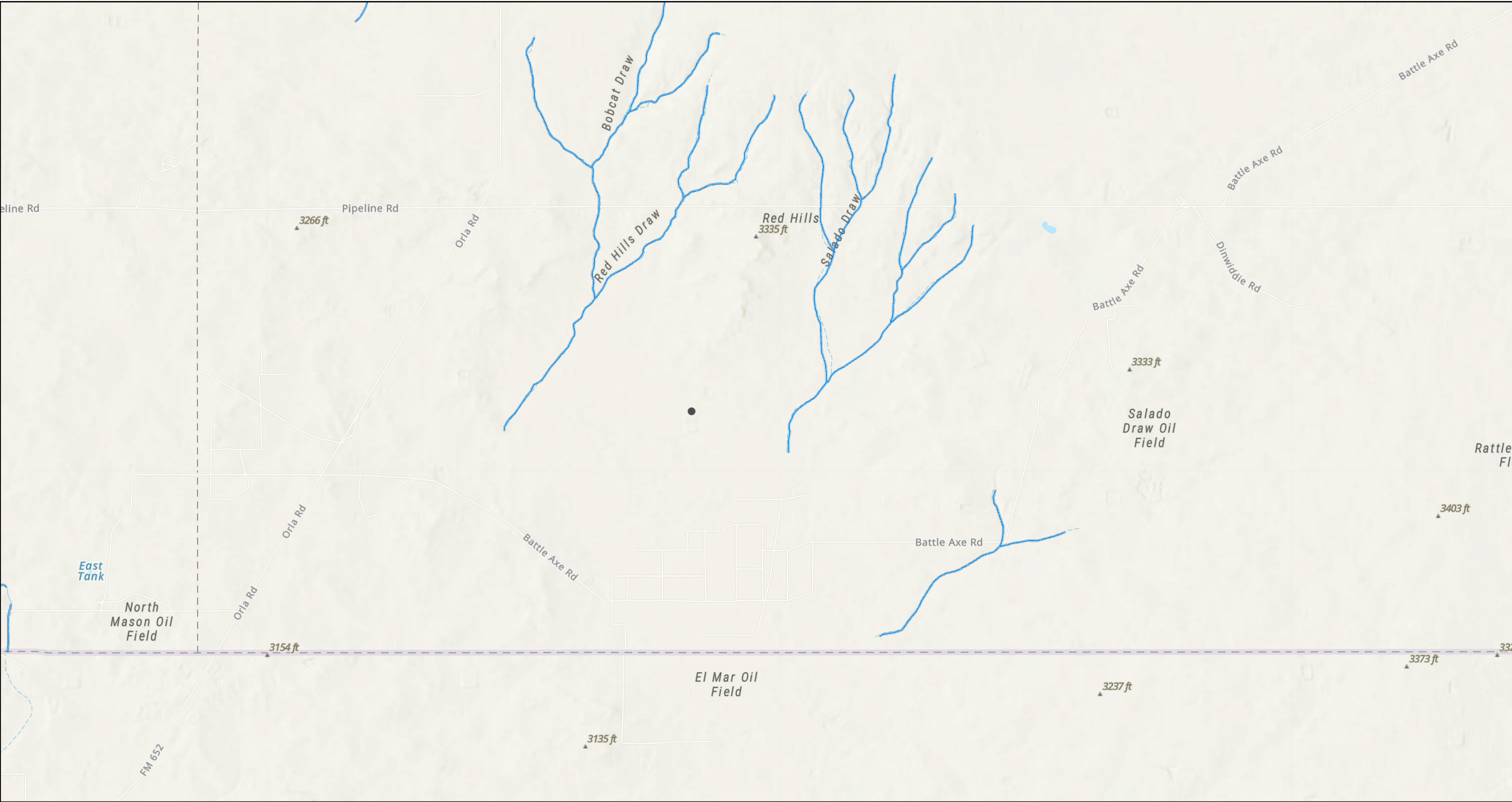
6/4/2025

World_Hillshade



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

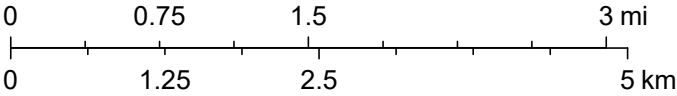
SALADO DRAW SWD 13 ROTF FACILITY (06.03.2025)



6/4/2025, 10:20:24 AM

— OSE Streams

1:72,224



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APPENDIX E

CARMONA RESOURCES





Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/27/2025 5:15:04 PM

JOB DESCRIPTION

SD SWD 13 ROTF Facility
Lea Co, NM

JOB NUMBER

880-59631-1

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
6/27/2025 5:15:04 PM

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

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Laboratory Job ID: 880-59631-1
SDG: Lea Co, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	51
QC Sample Results	55
QC Association Summary	71
Lab Chronicle	85
Certification Summary	103
Method Summary	104
Sample Summary	105
Chain of Custody	107
Receipt Checklists	114

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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: SD SWD 13 ROTF Facility

Job ID: 880-59631-1

Job ID: 880-59631-1

Eurofins Midland

Job Narrative
880-59631-1

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 6/24/2025 8:54 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C.

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: BH-3 (5.0') (880-59631-17). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-112935/2-A) and (LCSD 880-112935/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: BH-6 (0-1.0') (880-59631-36). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: BH-3 (5.0') (880-59631-17), BH-3 (7.0') (880-59631-19), BH-3 (8.0') (880-59631-20), BH-4 (0-1.0') (880-59631-21), BH-4 (4.0') (880-59631-24), BH-4 (5.0') (880-59631-25), BH-5 (0-1.0') (880-59631-27), BH-5 (5.0') (880-59631-31), BH-6 (2.0') (880-59631-37) and BH-6 (4.0') (880-59631-39). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-112887/2-A), (LCSD 880-112887/3-A), (880-59631-A-17-C MS) and (880-59631-A-17-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: BH-3 (6.0') (880-59631-18), BH-4 (2.0') (880-59631-22), BH-4 (3.0') (880-59631-23) and BH-4 (6.0') (880-59631-26). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-112927 and analytical batch 880-113012 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 880-112928 and analytical batch 880-113024 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: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-1 (0-1.0')

Lab Sample ID: 880-59631-1

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/24/25 22:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/24/25 22:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/24/25 22:41	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		06/24/25 08:55	06/24/25 22:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/24/25 22:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/24/25 08:55	06/24/25 22:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/24/25 08:55	06/24/25 22:41	1
1,4-Difluorobenzene (Surr)	87		70 - 130	06/24/25 08:55	06/24/25 22:41	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			06/24/25 22:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/26/25 21:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/26/25 21:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/26/25 21:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/26/25 21:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130	06/24/25 08:20	06/26/25 21:36	1
o-Terphenyl (Surr)	119		70 - 130	06/24/25 08:20	06/26/25 21:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1910		49.8		mg/Kg			06/25/25 17:27	5

Client Sample ID: BH-1 (2.0')

Lab Sample ID: 880-59631-2

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/24/25 23:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/24/25 08:55	06/24/25 23:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/24/25 08:55	06/24/25 23:01	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		06/24/25 08:55	06/24/25 23:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/24/25 08:55	06/24/25 23:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/24/25 08:55	06/24/25 23:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/24/25 08:55	06/24/25 23:01	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/24/25 08:55	06/24/25 23:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-1 (2.0')

Lab Sample ID: 880-59631-2

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			06/24/25 23:01	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			06/26/25 21:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/26/25 21:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/26/25 21:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/26/25 21:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130				06/24/25 08:20	06/26/25 21:50	1
o-Terphenyl (Surr)	116		70 - 130				06/24/25 08:20	06/26/25 21:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.7		mg/Kg			06/25/25 17:49	5

Client Sample ID: BH-1 (3.0')

Lab Sample ID: 880-59631-3

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/24/25 23:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/24/25 08:55	06/24/25 23:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/24/25 08:55	06/24/25 23:22	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		06/24/25 08:55	06/24/25 23:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/24/25 08:55	06/24/25 23:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/24/25 08:55	06/24/25 23:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				06/24/25 08:55	06/24/25 23:22	1
1,4-Difluorobenzene (Surr)	95		70 - 130				06/24/25 08:55	06/24/25 23:22	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			06/24/25 23:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/26/25 22:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/24/25 08:20	06/26/25 22:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 08:20	06/26/25 22:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-1 (3.0')

Lab Sample ID: 880-59631-3

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:20	06/26/25 22:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130				06/24/25 08:20	06/26/25 22:06	1
o-Terphenyl (Surr)	122		70 - 130				06/24/25 08:20	06/26/25 22:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2260		49.5		mg/Kg			06/25/25 17:56	5

Client Sample ID: BH-1 (4.0')

Lab Sample ID: 880-59631-4

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/24/25 23:42	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/24/25 08:55	06/24/25 23:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/24/25 08:55	06/24/25 23:42	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		06/24/25 08:55	06/24/25 23:42	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/24/25 08:55	06/24/25 23:42	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/24/25 08:55	06/24/25 23:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				06/24/25 08:55	06/24/25 23:42	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/24/25 08:55	06/24/25 23:42	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			06/24/25 23:42	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			06/26/25 22:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/24/25 08:20	06/26/25 22:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/24/25 08:20	06/26/25 22:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/24/25 08:20	06/26/25 22:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130				06/24/25 08:20	06/26/25 22:21	1
o-Terphenyl (Surr)	121		70 - 130				06/24/25 08:20	06/26/25 22:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1140		9.90		mg/Kg			06/25/25 18:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-1 (5.0')

Lab Sample ID: 880-59631-5

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/25/25 00:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 00:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 00:03	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 08:55	06/25/25 00:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 00:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 08:55	06/25/25 00:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/24/25 08:55	06/25/25 00:03	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/24/25 08:55	06/25/25 00:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/25/25 00:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/26/25 22:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/26/25 22:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/26/25 22:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/26/25 22:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130	06/24/25 08:20	06/26/25 22:37	1
o-Terphenyl (Surr)	120		70 - 130	06/24/25 08:20	06/26/25 22:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	552		9.98		mg/Kg			06/25/25 18:10	1

Client Sample ID: BH-1 (6.0')

Lab Sample ID: 880-59631-6

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/25/25 00:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/24/25 08:55	06/25/25 00:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/24/25 08:55	06/25/25 00:23	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		06/24/25 08:55	06/25/25 00:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/24/25 08:55	06/25/25 00:23	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/24/25 08:55	06/25/25 00:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/24/25 08:55	06/25/25 00:23	1
1,4-Difluorobenzene (Surr)	87		70 - 130	06/24/25 08:55	06/25/25 00:23	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-1 (6.0')

Lab Sample ID: 880-59631-6

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			06/25/25 00:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/26/25 22:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/24/25 08:20	06/26/25 22:52	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/24/25 08:20	06/26/25 22:52	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/24/25 08:20	06/26/25 22:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130				06/24/25 08:20	06/26/25 22:52	1
o-Terphenyl (Surr)	118		70 - 130				06/24/25 08:20	06/26/25 22:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	775		10.1		mg/Kg			06/25/25 18:32	1

Client Sample ID: BH-2 (0-1.0')

Lab Sample ID: 880-59631-7

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/25/25 00:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/24/25 08:55	06/25/25 00:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/24/25 08:55	06/25/25 00:44	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		06/24/25 08:55	06/25/25 00:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/24/25 08:55	06/25/25 00:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/24/25 08:55	06/25/25 00:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				06/24/25 08:55	06/25/25 00:44	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/24/25 08:55	06/25/25 00:44	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			06/25/25 00:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/26/25 23:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/24/25 08:20	06/26/25 23:22	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/24/25 08:20	06/26/25 23:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-2 (0-1.0')

Lab Sample ID: 880-59631-7

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:20	06/26/25 23:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				06/24/25 08:20	06/26/25 23:22	1
o-Terphenyl (Surr)	111		70 - 130				06/24/25 08:20	06/26/25 23:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	818		10.0		mg/Kg			06/25/25 18:39	1

Client Sample ID: BH-2 (2.0')

Lab Sample ID: 880-59631-8

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/25/25 01:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/25/25 01:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/25/25 01:04	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		06/24/25 08:55	06/25/25 01:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/25/25 01:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/24/25 08:55	06/25/25 01:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				06/24/25 08:55	06/25/25 01:04	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/24/25 08:55	06/25/25 01:04	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			06/25/25 01:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/26/25 23:39	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		06/24/25 08:20	06/26/25 23:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 08:20	06/26/25 23:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/24/25 08:20	06/26/25 23:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130				06/24/25 08:20	06/26/25 23:39	1
o-Terphenyl (Surr)	110		70 - 130				06/24/25 08:20	06/26/25 23:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4120		50.0		mg/Kg			06/25/25 18:46	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-2 (3.0')

Lab Sample ID: 880-59631-9

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/25/25 01:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 01:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 01:25	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 08:55	06/25/25 01:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 01:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 08:55	06/25/25 01:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	06/24/25 08:55	06/25/25 01:25	1
1,4-Difluorobenzene (Surr)	86		70 - 130	06/24/25 08:55	06/25/25 01:25	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			06/25/25 01:25	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			06/26/25 23:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/26/25 23:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/26/25 23:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/26/25 23:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130	06/24/25 08:20	06/26/25 23:53	1
o-Terphenyl (Surr)	111		70 - 130	06/24/25 08:20	06/26/25 23:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9370		99.6		mg/Kg			06/25/25 18:54	10

Client Sample ID: BH-2 (4.0')

Lab Sample ID: 880-59631-10

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/25/25 01:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/25/25 01:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/25/25 01:45	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		06/24/25 08:55	06/25/25 01:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/25/25 01:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/24/25 08:55	06/25/25 01:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/24/25 08:55	06/25/25 01:45	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/24/25 08:55	06/25/25 01:45	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-2 (4.0')

Lab Sample ID: 880-59631-10

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			06/25/25 01:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/27/25 00:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/24/25 08:20	06/27/25 00:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/24/25 08:20	06/27/25 00:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/24/25 08:20	06/27/25 00:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				06/24/25 08:20	06/27/25 00:09	1
o-Terphenyl (Surr)	107		70 - 130				06/24/25 08:20	06/27/25 00:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	267		10.1		mg/Kg			06/25/25 19:01	1

Client Sample ID: BH-2 (5.0')

Lab Sample ID: 880-59631-11

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/25/25 03:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/24/25 08:55	06/25/25 03:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/24/25 08:55	06/25/25 03:19	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		06/24/25 08:55	06/25/25 03:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/24/25 08:55	06/25/25 03:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/24/25 08:55	06/25/25 03:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				06/24/25 08:55	06/25/25 03:19	1
1,4-Difluorobenzene (Surr)	83		70 - 130				06/24/25 08:55	06/25/25 03:19	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			06/25/25 03:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/27/25 00:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/24/25 08:20	06/27/25 00:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 08:20	06/27/25 00:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-2 (5.0')

Lab Sample ID: 880-59631-11

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:20	06/27/25 00:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				06/24/25 08:20	06/27/25 00:24	1
o-Terphenyl (Surr)	110		70 - 130				06/24/25 08:20	06/27/25 00:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	548		50.1		mg/Kg			06/25/25 19:08	5

Client Sample ID: BH-2 (6.0')

Lab Sample ID: 880-59631-12

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/25/25 03:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 03:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 03:40	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 08:55	06/25/25 03:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 03:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 08:55	06/25/25 03:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				06/24/25 08:55	06/25/25 03:40	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/24/25 08:55	06/25/25 03:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/25/25 03:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/27/25 00:39	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		06/24/25 08:20	06/27/25 00:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 08:20	06/27/25 00:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/24/25 08:20	06/27/25 00:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130				06/24/25 08:20	06/27/25 00:39	1
o-Terphenyl (Surr)	117		70 - 130				06/24/25 08:20	06/27/25 00:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	430		49.8		mg/Kg			06/25/25 19:30	5

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-3 (0-1.0')

Lab Sample ID: 880-59631-13

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/25/25 04:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 04:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 04:00	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 08:55	06/25/25 04:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 04:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 08:55	06/25/25 04:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	06/24/25 08:55	06/25/25 04:00	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/24/25 08:55	06/25/25 04:00	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			06/25/25 04:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/27/25 00:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/27/25 00:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/27/25 00:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/27/25 00:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	06/24/25 08:20	06/27/25 00:54	1
o-Terphenyl (Surr)	115		70 - 130	06/24/25 08:20	06/27/25 00:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3330		49.5		mg/Kg			06/25/25 19:37	5

Client Sample ID: BH-3 (2.0')

Lab Sample ID: 880-59631-14

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/25/25 04:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 04:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 04:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 08:55	06/25/25 04:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 04:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 08:55	06/25/25 04:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/24/25 08:55	06/25/25 04:21	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/24/25 08:55	06/25/25 04:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-3 (2.0')

Lab Sample ID: 880-59631-14

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			06/25/25 04:21	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			06/27/25 01:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/24/25 08:20	06/27/25 01:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/24/25 08:20	06/27/25 01:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/24/25 08:20	06/27/25 01:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				06/24/25 08:20	06/27/25 01:09	1
o-Terphenyl (Surr)	107		70 - 130				06/24/25 08:20	06/27/25 01:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4100		49.6		mg/Kg			06/25/25 19:58	5

Client Sample ID: BH-3 (3.0')

Lab Sample ID: 880-59631-15

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/25/25 04:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/24/25 08:55	06/25/25 04:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/24/25 08:55	06/25/25 04:41	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		06/24/25 08:55	06/25/25 04:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/24/25 08:55	06/25/25 04:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/24/25 08:55	06/25/25 04:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				06/24/25 08:55	06/25/25 04:41	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/24/25 08:55	06/25/25 04:41	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			06/25/25 04:41	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			06/27/25 01:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/24/25 08:20	06/27/25 01:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 08:20	06/27/25 01:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-3 (3.0')

Lab Sample ID: 880-59631-15

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:20	06/27/25 01:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				06/24/25 08:20	06/27/25 01:24	1
o-Terphenyl (Surr)	107		70 - 130				06/24/25 08:20	06/27/25 01:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3850		50.4		mg/Kg			06/25/25 20:05	5

Client Sample ID: BH-3 (4.0')

Lab Sample ID: 880-59631-16

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/25/25 05:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 05:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 05:02	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 08:55	06/25/25 05:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 05:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 08:55	06/25/25 05:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				06/24/25 08:55	06/25/25 05:02	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/24/25 08:55	06/25/25 05:02	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			06/25/25 05:02	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			06/27/25 01:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/27/25 01:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/27/25 01:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/24/25 08:20	06/27/25 01:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				06/24/25 08:20	06/27/25 01:38	1
o-Terphenyl (Surr)	110		70 - 130				06/24/25 08:20	06/27/25 01:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4340		50.2		mg/Kg			06/25/25 20:13	5

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-3 (5.0')

Lab Sample ID: 880-59631-17

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/25/25 05:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/25/25 05:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/25/25 05:22	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		06/24/25 08:55	06/25/25 05:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/25/25 05:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/24/25 08:55	06/25/25 05:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	68	S1-	70 - 130	06/24/25 08:55	06/25/25 05:22	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/24/25 08:55	06/25/25 05:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/25/25 05:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/26/25 20:02	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	<49.9	U	49.9		mg/Kg		06/24/25 12:22	06/26/25 20:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/24/25 12:22	06/26/25 20:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/24/25 12:22	06/26/25 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130	06/24/25 12:22	06/26/25 20:02	1
o-Terphenyl (Surr)	137	S1+	70 - 130	06/24/25 12:22	06/26/25 20:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4730		49.9		mg/Kg			06/25/25 20:20	5

Client Sample ID: BH-3 (6.0')

Lab Sample ID: 880-59631-18

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/25/25 05:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/24/25 08:55	06/25/25 05:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/24/25 08:55	06/25/25 05:43	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		06/24/25 08:55	06/25/25 05:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/24/25 08:55	06/25/25 05:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/24/25 08:55	06/25/25 05:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/24/25 08:55	06/25/25 05:43	1
1,4-Difluorobenzene (Surr)	87		70 - 130	06/24/25 08:55	06/25/25 05:43	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-3 (6.0')

Lab Sample ID: 880-59631-18

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			06/25/25 05:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			06/26/25 20:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/24/25 12:22	06/26/25 20:48	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/24/25 12:22	06/26/25 20:48	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/24/25 12:22	06/26/25 20:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	131	S1+	70 - 130				06/24/25 12:22	06/26/25 20:48	1
o-Terphenyl (Surr)	146	S1+	70 - 130				06/24/25 12:22	06/26/25 20:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7470		99.4		mg/Kg			06/25/25 20:27	10

Client Sample ID: BH-3 (7.0')

Lab Sample ID: 880-59631-19

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/25/25 06:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/25/25 06:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/25/25 06:03	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		06/24/25 08:55	06/25/25 06:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/25/25 06:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/24/25 08:55	06/25/25 06:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/24/25 08:55	06/25/25 06:03	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/24/25 08:55	06/25/25 06:03	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			06/25/25 06:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			06/26/25 21:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/24/25 12:22	06/26/25 21:05	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/24/25 12:22	06/26/25 21:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-3 (7.0')

Lab Sample ID: 880-59631-19

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/24/25 12:22	06/26/25 21:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130				06/24/25 12:22	06/26/25 21:05	1
o-Terphenyl (Surr)	139	S1+	70 - 130				06/24/25 12:22	06/26/25 21:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8660		101		mg/Kg			06/25/25 20:34	10

Client Sample ID: BH-3 (8.0')

Lab Sample ID: 880-59631-20

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 08:55	06/25/25 06:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 06:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 06:24	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 08:55	06/25/25 06:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 08:55	06/25/25 06:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 08:55	06/25/25 06:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/24/25 08:55	06/25/25 06:24	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/24/25 08:55	06/25/25 06:24	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			06/25/25 06:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/26/25 21:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/24/25 12:22	06/26/25 21:19	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/24/25 12:22	06/26/25 21:19	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/24/25 12:22	06/26/25 21:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130				06/24/25 12:22	06/26/25 21:19	1
o-Terphenyl (Surr)	144	S1+	70 - 130				06/24/25 12:22	06/26/25 21:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7700		99.2		mg/Kg			06/25/25 20:41	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-4 (0-1.0')

Lab Sample ID: 880-59631-21

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/25/25 09:14	06/25/25 11:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/25/25 09:14	06/25/25 11:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/25/25 09:14	06/25/25 11:43	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		06/25/25 09:14	06/25/25 11:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/25/25 09:14	06/25/25 11:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/25/25 09:14	06/25/25 11:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/25/25 09:14	06/25/25 11:43	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/25/25 09:14	06/25/25 11:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/25/25 11:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/26/25 21:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/24/25 12:22	06/26/25 21:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 12:22	06/26/25 21:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/24/25 12:22	06/26/25 21:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	121		70 - 130	06/24/25 12:22	06/26/25 21:36	1
o-Terphenyl (Surr)	136	S1+	70 - 130	06/24/25 12:22	06/26/25 21:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9630	F1	101		mg/Kg			06/25/25 19:37	10

Client Sample ID: BH-4 (2.0')

Lab Sample ID: 880-59631-22

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/25/25 09:14	06/25/25 12:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/25/25 09:14	06/25/25 12:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/25/25 09:14	06/25/25 12:04	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		06/25/25 09:14	06/25/25 12:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/25/25 09:14	06/25/25 12:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/25/25 09:14	06/25/25 12:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	06/25/25 09:14	06/25/25 12:04	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/25/25 09:14	06/25/25 12:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-4 (2.0')

Lab Sample ID: 880-59631-22

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			06/25/25 12:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			06/26/25 21:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		06/24/25 12:22	06/26/25 21:50	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		06/24/25 12:22	06/26/25 21:50	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		06/24/25 12:22	06/26/25 21:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	131	S1+	70 - 130				06/24/25 12:22	06/26/25 21:50	1
o-Terphenyl (Surr)	145	S1+	70 - 130				06/24/25 12:22	06/26/25 21:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7630		100		mg/Kg			06/25/25 19:54	10

Client Sample ID: BH-4 (3.0')

Lab Sample ID: 880-59631-23

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/25/25 09:14	06/25/25 12:24	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/25/25 09:14	06/25/25 12:24	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/25/25 09:14	06/25/25 12:24	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		06/25/25 09:14	06/25/25 12:24	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/25/25 09:14	06/25/25 12:24	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/25/25 09:14	06/25/25 12:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				06/25/25 09:14	06/25/25 12:24	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/25/25 09:14	06/25/25 12:24	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			06/25/25 12:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/26/25 22:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/24/25 12:22	06/26/25 22:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/24/25 12:22	06/26/25 22:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-4 (3.0')

Lab Sample ID: 880-59631-23

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:22	06/26/25 22:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	133	S1+	70 - 130				06/24/25 12:22	06/26/25 22:06	1
o-Terphenyl (Surr)	147	S1+	70 - 130				06/24/25 12:22	06/26/25 22:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7400		100		mg/Kg			06/25/25 20:00	10

Client Sample ID: BH-4 (4.0')

Lab Sample ID: 880-59631-24

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/25/25 09:14	06/25/25 12:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/25/25 09:14	06/25/25 12:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/25/25 09:14	06/25/25 12:45	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/25/25 09:14	06/25/25 12:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/25/25 09:14	06/25/25 12:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/25/25 09:14	06/25/25 12:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				06/25/25 09:14	06/25/25 12:45	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/25/25 09:14	06/25/25 12:45	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			06/25/25 12:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			06/26/25 22:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		06/24/25 12:22	06/26/25 22:21	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		06/24/25 12:22	06/26/25 22:21	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		06/24/25 12:22	06/26/25 22:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	128		70 - 130				06/24/25 12:22	06/26/25 22:21	1
o-Terphenyl (Surr)	144	S1+	70 - 130				06/24/25 12:22	06/26/25 22:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3050		50.0		mg/Kg			06/25/25 20:05	5

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-4 (5.0')

Lab Sample ID: 880-59631-25

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/25/25 09:14	06/25/25 13:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/25/25 09:14	06/25/25 13:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/25/25 09:14	06/25/25 13:05	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		06/25/25 09:14	06/25/25 13:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/25/25 09:14	06/25/25 13:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/25/25 09:14	06/25/25 13:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	06/25/25 09:14	06/25/25 13:05	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/25/25 09:14	06/25/25 13:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/25/25 13:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/26/25 22:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/24/25 12:22	06/26/25 22:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 12:22	06/26/25 22:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/24/25 12:22	06/26/25 22:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	121		70 - 130	06/24/25 12:22	06/26/25 22:37	1
o-Terphenyl (Surr)	134	S1+	70 - 130	06/24/25 12:22	06/26/25 22:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3710		50.5		mg/Kg			06/25/25 20:11	5

Client Sample ID: BH-4 (6.0')

Lab Sample ID: 880-59631-26

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/25/25 09:14	06/25/25 13:26	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/25/25 09:14	06/25/25 13:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/25/25 09:14	06/25/25 13:26	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		06/25/25 09:14	06/25/25 13:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/25/25 09:14	06/25/25 13:26	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/25/25 09:14	06/25/25 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	06/25/25 09:14	06/25/25 13:26	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/25/25 09:14	06/25/25 13:26	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-4 (6.0')

Lab Sample ID: 880-59631-26

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			06/25/25 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	<49.8	U	49.8		mg/Kg			06/26/25 22:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/24/25 12:22	06/26/25 22:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/24/25 12:22	06/26/25 22:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/24/25 12:22	06/26/25 22:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	134	S1+	70 - 130				06/24/25 12:22	06/26/25 22:52	1
o-Terphenyl (Surr)	150	S1+	70 - 130				06/24/25 12:22	06/26/25 22:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5140		50.1		mg/Kg			06/25/25 20:28	5

Client Sample ID: BH-5 (0-1.0')

Lab Sample ID: 880-59631-27

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/25/25 09:14	06/25/25 13:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/25/25 09:14	06/25/25 13:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/25/25 09:14	06/25/25 13:46	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		06/25/25 09:14	06/25/25 13:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/25/25 09:14	06/25/25 13:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/25/25 09:14	06/25/25 13:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				06/25/25 09:14	06/25/25 13:46	1
1,4-Difluorobenzene (Surr)	95		70 - 130				06/25/25 09:14	06/25/25 13:46	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			06/25/25 13:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	55.0		50.1		mg/Kg			06/26/25 23:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/24/25 12:22	06/26/25 23:22	1
Diesel Range Organics (Over C10-C28)	55.0		50.1		mg/Kg		06/24/25 12:22	06/26/25 23:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-5 (0-1.0')

Lab Sample ID: 880-59631-27

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/24/25 12:22	06/26/25 23:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130				06/24/25 12:22	06/26/25 23:22	1
o-Terphenyl (Surr)	133	S1+	70 - 130				06/24/25 12:22	06/26/25 23:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4230		50.3		mg/Kg			06/25/25 20:34	5

Client Sample ID: BH-5 (2.0')

Lab Sample ID: 880-59631-28

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/25/25 09:14	06/25/25 14:07	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/25/25 09:14	06/25/25 14:07	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/25/25 09:14	06/25/25 14:07	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		06/25/25 09:14	06/25/25 14:07	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/25/25 09:14	06/25/25 14:07	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/25/25 09:14	06/25/25 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				06/25/25 09:14	06/25/25 14:07	1
1,4-Difluorobenzene (Surr)	95		70 - 130				06/25/25 09:14	06/25/25 14:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/25/25 14:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/26/25 23:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/24/25 12:22	06/26/25 23:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/24/25 12:22	06/26/25 23:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/24/25 12:22	06/26/25 23:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				06/24/25 12:22	06/26/25 23:39	1
o-Terphenyl (Surr)	129		70 - 130				06/24/25 12:22	06/26/25 23:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7790		99.6		mg/Kg			06/25/25 20:39	10

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-5 (3.0')

Lab Sample ID: 880-59631-29

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/25/25 09:14	06/25/25 14:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/25/25 09:14	06/25/25 14:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/25/25 09:14	06/25/25 14:27	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		06/25/25 09:14	06/25/25 14:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/25/25 09:14	06/25/25 14:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/25/25 09:14	06/25/25 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	06/25/25 09:14	06/25/25 14:27	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/25/25 09:14	06/25/25 14:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/25/25 14:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/26/25 23:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/24/25 12:22	06/26/25 23:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 12:22	06/26/25 23:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/24/25 12:22	06/26/25 23:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130	06/24/25 12:22	06/26/25 23:53	1
o-Terphenyl (Surr)	130		70 - 130	06/24/25 12:22	06/26/25 23:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10700		99.2		mg/Kg			06/25/25 20:45	10

Client Sample ID: BH-5 (4.0')

Lab Sample ID: 880-59631-30

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/25/25 09:14	06/25/25 14:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/25/25 09:14	06/25/25 14:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/25/25 09:14	06/25/25 14:48	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		06/25/25 09:14	06/25/25 14:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/25/25 09:14	06/25/25 14:48	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/25/25 09:14	06/25/25 14:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/25/25 09:14	06/25/25 14:48	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/25/25 09:14	06/25/25 14:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-5 (4.0')

Lab Sample ID: 880-59631-30

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			06/25/25 14:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/27/25 00:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/24/25 12:22	06/27/25 00:09	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/24/25 12:22	06/27/25 00:09	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/24/25 12:22	06/27/25 00:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130				06/24/25 12:22	06/27/25 00:09	1
o-Terphenyl (Surr)	123		70 - 130				06/24/25 12:22	06/27/25 00:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8630		101		mg/Kg			06/25/25 20:51	10

Client Sample ID: BH-5 (5.0')

Lab Sample ID: 880-59631-31

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 11:57	06/24/25 17:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/24/25 11:57	06/24/25 17:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/24/25 11:57	06/24/25 17:04	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		06/24/25 11:57	06/24/25 17:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/24/25 11:57	06/24/25 17:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/24/25 11:57	06/24/25 17:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				06/24/25 11:57	06/24/25 17:04	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/24/25 11:57	06/24/25 17:04	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			06/24/25 17:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			06/27/25 00:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		06/24/25 12:22	06/27/25 00:24	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		06/24/25 12:22	06/27/25 00:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-5 (5.0')

Lab Sample ID: 880-59631-31

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		06/24/25 12:22	06/27/25 00:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130				06/24/25 12:22	06/27/25 00:24	1
o-Terphenyl (Surr)	132	S1+	70 - 130				06/24/25 12:22	06/27/25 00:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2250		50.0		mg/Kg			06/25/25 20:56	5

Client Sample ID: BH-6 (0-1.0')

Lab Sample ID: 880-59631-36

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 11:57	06/24/25 18:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 11:57	06/24/25 18:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 11:57	06/24/25 18:03	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		06/24/25 11:57	06/24/25 18:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 11:57	06/24/25 18:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/24/25 11:57	06/24/25 18:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				06/24/25 11:57	06/24/25 18:03	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/24/25 11:57	06/24/25 18:03	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			06/24/25 18:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	484		49.7		mg/Kg			06/27/25 00:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/24/25 12:22	06/27/25 00:39	1
Diesel Range Organics (Over C10-C28)	484		49.7		mg/Kg		06/24/25 12:22	06/27/25 00:39	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/24/25 12:22	06/27/25 00:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				06/24/25 12:22	06/27/25 00:39	1
o-Terphenyl (Surr)	134	S1+	70 - 130				06/24/25 12:22	06/27/25 00:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	615		10.0		mg/Kg			06/25/25 21:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-6 (2.0')

Lab Sample ID: 880-59631-37

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 11:57	06/24/25 18:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 11:57	06/24/25 18:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 11:57	06/24/25 18:23	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 11:57	06/24/25 18:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 11:57	06/24/25 18:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 11:57	06/24/25 18:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	06/24/25 11:57	06/24/25 18:23	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/24/25 11:57	06/24/25 18:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/24/25 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/27/25 00:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/24/25 12:22	06/27/25 00:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/24/25 12:22	06/27/25 00:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/24/25 12:22	06/27/25 00:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130	06/24/25 12:22	06/27/25 00:54	1
o-Terphenyl (Surr)	131	S1+	70 - 130	06/24/25 12:22	06/27/25 00:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4100		50.4		mg/Kg			06/25/25 21:19	5

Client Sample ID: BH-6 (3.0')

Lab Sample ID: 880-59631-38

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 11:57	06/24/25 18:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 11:57	06/24/25 18:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 11:57	06/24/25 18:44	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 11:57	06/24/25 18:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 11:57	06/24/25 18:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 11:57	06/24/25 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	06/24/25 11:57	06/24/25 18:44	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/24/25 11:57	06/24/25 18:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-6 (3.0')

Lab Sample ID: 880-59631-38

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			06/24/25 18:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/27/25 01:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/24/25 12:22	06/27/25 01:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/24/25 12:22	06/27/25 01:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/24/25 12:22	06/27/25 01:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130				06/24/25 12:22	06/27/25 01:09	1
o-Terphenyl (Surr)	126		70 - 130				06/24/25 12:22	06/27/25 01:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9950		99.4		mg/Kg			06/25/25 21:36	10

Client Sample ID: BH-6 (4.0')

Lab Sample ID: 880-59631-39

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 11:57	06/24/25 19:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 11:57	06/24/25 19:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 11:57	06/24/25 19:04	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 11:57	06/24/25 19:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 11:57	06/24/25 19:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 11:57	06/24/25 19:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				06/24/25 11:57	06/24/25 19:04	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/24/25 11:57	06/24/25 19:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/24/25 19:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			06/27/25 01:24	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	<49.6	U	49.6		mg/Kg		06/24/25 12:22	06/27/25 01:24	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		06/24/25 12:22	06/27/25 01:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-6 (4.0')

Lab Sample ID: 880-59631-39

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		06/24/25 12:22	06/27/25 01:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				06/24/25 12:22	06/27/25 01:24	1
o-Terphenyl (Surr)	132	S1+	70 - 130				06/24/25 12:22	06/27/25 01:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10800		198		mg/Kg			06/25/25 21:42	20

Client Sample ID: BH-6 (5.0')

Lab Sample ID: 880-59631-40

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 11:57	06/24/25 19:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 11:57	06/24/25 19:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 11:57	06/24/25 19:25	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		06/24/25 11:57	06/24/25 19:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 11:57	06/24/25 19:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/24/25 11:57	06/24/25 19:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				06/24/25 11:57	06/24/25 19:25	1
1,4-Difluorobenzene (Surr)	94		70 - 130				06/24/25 11:57	06/24/25 19:25	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			06/24/25 19:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			06/27/25 01:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		06/24/25 12:22	06/27/25 01:38	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		06/24/25 12:22	06/27/25 01:38	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		06/24/25 12:22	06/27/25 01:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				06/24/25 12:22	06/27/25 01:38	1
o-Terphenyl (Surr)	128		70 - 130				06/24/25 12:22	06/27/25 01:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10000		100		mg/Kg			06/25/25 21:47	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-6 (6.0')

Lab Sample ID: 880-59631-41

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/24/25 22:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/24/25 22:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/24/25 22:40	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		06/24/25 12:08	06/24/25 22:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/24/25 22:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/24/25 12:08	06/24/25 22:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	06/24/25 12:08	06/24/25 22:40	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/24/25 12:08	06/24/25 22:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/24/25 22:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			06/26/25 12:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/24/25 15:02	06/26/25 12:27	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/24/25 15:02	06/26/25 12:27	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/24/25 15:02	06/26/25 12:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130	06/24/25 15:02	06/26/25 12:27	1
o-Terphenyl (Surr)	119		70 - 130	06/24/25 15:02	06/26/25 12:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6770		99.2		mg/Kg			06/25/25 21:53	10

Client Sample ID: BH-7 (0-1.0')

Lab Sample ID: 880-59631-42

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/24/25 23:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/24/25 12:08	06/24/25 23:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/24/25 12:08	06/24/25 23:00	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		06/24/25 12:08	06/24/25 23:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/24/25 12:08	06/24/25 23:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/24/25 12:08	06/24/25 23:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	06/24/25 12:08	06/24/25 23:00	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/24/25 12:08	06/24/25 23:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-7 (0-1.0')

Lab Sample ID: 880-59631-42

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			06/24/25 23:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/26/25 13:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/24/25 15:02	06/26/25 13:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 15:02	06/26/25 13:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/24/25 15:02	06/26/25 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				06/24/25 15:02	06/26/25 13:12	1
o-Terphenyl (Surr)	104		70 - 130				06/24/25 15:02	06/26/25 13:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000		50.3		mg/Kg			06/25/25 21:59	5

Client Sample ID: BH-7 (2.0')

Lab Sample ID: 880-59631-43

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/24/25 23:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/24/25 12:08	06/24/25 23:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/24/25 12:08	06/24/25 23:21	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		06/24/25 12:08	06/24/25 23:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/24/25 12:08	06/24/25 23:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/24/25 12:08	06/24/25 23:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				06/24/25 12:08	06/24/25 23:21	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/24/25 12:08	06/24/25 23:21	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			06/24/25 23:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			06/26/25 13:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		06/24/25 15:02	06/26/25 13:27	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		06/24/25 15:02	06/26/25 13:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-7 (2.0')

Lab Sample ID: 880-59631-43

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		06/24/25 15:02	06/26/25 13:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				06/24/25 15:02	06/26/25 13:27	1
o-Terphenyl (Surr)	109		70 - 130				06/24/25 15:02	06/26/25 13:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	427		10.0		mg/Kg			06/25/25 22:05	1

Client Sample ID: BH-7 (3.0')

Lab Sample ID: 880-59631-44

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/24/25 23:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/24/25 12:08	06/24/25 23:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/24/25 12:08	06/24/25 23:41	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		06/24/25 12:08	06/24/25 23:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/24/25 12:08	06/24/25 23:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/24/25 12:08	06/24/25 23:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				06/24/25 12:08	06/24/25 23:41	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/24/25 12:08	06/24/25 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			06/24/25 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			06/26/25 13:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/24/25 15:02	06/26/25 13:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 15:02	06/26/25 13:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/24/25 15:02	06/26/25 13:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				06/24/25 15:02	06/26/25 13:42	1
o-Terphenyl (Surr)	111		70 - 130				06/24/25 15:02	06/26/25 13:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	321		9.94		mg/Kg			06/25/25 22:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-7 (4.0')

Lab Sample ID: 880-59631-45

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/25/25 00:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 00:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 00:01	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 12:08	06/25/25 00:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 00:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 12:08	06/25/25 00:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	06/24/25 12:08	06/25/25 00:01	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/24/25 12:08	06/25/25 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			06/25/25 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	<49.7	U	49.7		mg/Kg			06/26/25 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/24/25 15:02	06/26/25 13:58	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/24/25 15:02	06/26/25 13:58	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/24/25 15:02	06/26/25 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130	06/24/25 15:02	06/26/25 13:58	1
o-Terphenyl (Surr)	111		70 - 130	06/24/25 15:02	06/26/25 13:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1280		10.0		mg/Kg			06/25/25 21:39	1

Client Sample ID: BH-7 (5.0')

Lab Sample ID: 880-59631-46

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/25/25 00:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/24/25 12:08	06/25/25 00:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/24/25 12:08	06/25/25 00:22	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		06/24/25 12:08	06/25/25 00:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/24/25 12:08	06/25/25 00:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/24/25 12:08	06/25/25 00:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/24/25 12:08	06/25/25 00:22	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/24/25 12:08	06/25/25 00:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-7 (5.0')

Lab Sample ID: 880-59631-46

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			06/25/25 00:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/26/25 14:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/24/25 15:02	06/26/25 14:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/24/25 15:02	06/26/25 14:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/24/25 15:02	06/26/25 14:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				06/24/25 15:02	06/26/25 14:13	1
o-Terphenyl (Surr)	113		70 - 130				06/24/25 15:02	06/26/25 14:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1920		49.9		mg/Kg			06/25/25 22:01	5

Client Sample ID: BH-7 (6.0')

Lab Sample ID: 880-59631-47

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/25/25 00:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/24/25 12:08	06/25/25 00:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/24/25 12:08	06/25/25 00:42	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		06/24/25 12:08	06/25/25 00:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/24/25 12:08	06/25/25 00:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/24/25 12:08	06/25/25 00:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				06/24/25 12:08	06/25/25 00:42	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/24/25 12:08	06/25/25 00:42	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			06/25/25 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	<50.1	U	50.1		mg/Kg			06/26/25 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/24/25 15:02	06/26/25 14:28	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/24/25 15:02	06/26/25 14:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-7 (6.0')

Lab Sample ID: 880-59631-47

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/24/25 15:02	06/26/25 14:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				06/24/25 15:02	06/26/25 14:28	1
o-Terphenyl (Surr)	113		70 - 130				06/24/25 15:02	06/26/25 14:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2780		49.7		mg/Kg			06/25/25 22:08	5

Client Sample ID: BH-7 (7.0')

Lab Sample ID: 880-59631-48

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/25/25 01:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/24/25 12:08	06/25/25 01:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/24/25 12:08	06/25/25 01:03	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		06/24/25 12:08	06/25/25 01:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/24/25 12:08	06/25/25 01:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/24/25 12:08	06/25/25 01:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				06/24/25 12:08	06/25/25 01:03	1
1,4-Difluorobenzene (Surr)	94		70 - 130				06/24/25 12:08	06/25/25 01:03	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			06/25/25 01:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			06/26/25 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/24/25 15:02	06/26/25 14:43	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/24/25 15:02	06/26/25 14:43	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/24/25 15:02	06/26/25 14:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				06/24/25 15:02	06/26/25 14:43	1
o-Terphenyl (Surr)	115		70 - 130				06/24/25 15:02	06/26/25 14:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		100		mg/Kg			06/25/25 22:15	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-7 (8.0')

Lab Sample ID: 880-59631-49

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/25/25 01:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/25/25 01:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/25/25 01:23	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		06/24/25 12:08	06/25/25 01:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/25/25 01:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/24/25 12:08	06/25/25 01:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	06/24/25 12:08	06/25/25 01:23	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/24/25 12:08	06/25/25 01:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/25/25 01:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/26/25 14:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/24/25 15:02	06/26/25 14:58	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/24/25 15:02	06/26/25 14:58	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/24/25 15:02	06/26/25 14:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	06/24/25 15:02	06/26/25 14:58	1
o-Terphenyl (Surr)	114		70 - 130	06/24/25 15:02	06/26/25 14:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8520		101		mg/Kg			06/25/25 22:22	10

Client Sample ID: BH-7 (9.0')

Lab Sample ID: 880-59631-50

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/25/25 01:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 01:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 01:44	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 12:08	06/25/25 01:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 01:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 12:08	06/25/25 01:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	06/24/25 12:08	06/25/25 01:44	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/24/25 12:08	06/25/25 01:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-7 (9.0')

Lab Sample ID: 880-59631-50

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			06/25/25 01:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/26/25 15:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/24/25 15:02	06/26/25 15:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 15:02	06/26/25 15:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/24/25 15:02	06/26/25 15:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				06/24/25 15:02	06/26/25 15:13	1
o-Terphenyl (Surr)	112		70 - 130				06/24/25 15:02	06/26/25 15:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8850		101		mg/Kg			06/25/25 22:44	10

Client Sample ID: BH-7 (10.0)

Lab Sample ID: 880-59631-51

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/25/25 03:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 03:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 03:18	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 12:08	06/25/25 03:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 03:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 12:08	06/25/25 03:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				06/24/25 12:08	06/25/25 03:18	1
1,4-Difluorobenzene (Surr)	95		70 - 130				06/24/25 12:08	06/25/25 03:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/25/25 03:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/26/25 15:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/24/25 15:02	06/26/25 15:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/24/25 15:02	06/26/25 15:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-7 (10.0)

Lab Sample ID: 880-59631-51

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 15:02	06/26/25 15:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				06/24/25 15:02	06/26/25 15:44	1
o-Terphenyl (Surr)	112		70 - 130				06/24/25 15:02	06/26/25 15:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8000		101		mg/Kg			06/25/25 22:51	10

Client Sample ID: BH-8 (0-1.0')

Lab Sample ID: 880-59631-52

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/25/25 03:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/25/25 03:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/25/25 03:38	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		06/24/25 12:08	06/25/25 03:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/25/25 03:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/24/25 12:08	06/25/25 03:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				06/24/25 12:08	06/25/25 03:38	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/24/25 12:08	06/25/25 03:38	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			06/25/25 03:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/26/25 15:59	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		06/24/25 15:02	06/26/25 15:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 15:02	06/26/25 15:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/24/25 15:02	06/26/25 15:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				06/24/25 15:02	06/26/25 15:59	1
o-Terphenyl (Surr)	104		70 - 130				06/24/25 15:02	06/26/25 15:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1830		50.2		mg/Kg			06/25/25 22:58	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-8 (2.0')

Lab Sample ID: 880-59631-53

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/25/25 03:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 03:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 03:59	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 12:08	06/25/25 03:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 03:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 12:08	06/25/25 03:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	06/24/25 12:08	06/25/25 03:59	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/24/25 12:08	06/25/25 03:59	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			06/25/25 03:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			06/26/25 16:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/24/25 15:02	06/26/25 16:14	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/24/25 15:02	06/26/25 16:14	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/24/25 15:02	06/26/25 16:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	06/24/25 15:02	06/26/25 16:14	1
o-Terphenyl (Surr)	108		70 - 130	06/24/25 15:02	06/26/25 16:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2280		49.9		mg/Kg			06/25/25 23:06	5

Client Sample ID: BH-8 (3.0')

Lab Sample ID: 880-59631-54

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/25/25 04:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/25/25 04:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/25/25 04:19	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		06/24/25 12:08	06/25/25 04:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/25/25 04:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/24/25 12:08	06/25/25 04:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	06/24/25 12:08	06/25/25 04:19	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/24/25 12:08	06/25/25 04:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-8 (3.0')

Lab Sample ID: 880-59631-54

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			06/25/25 04:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/26/25 16:30	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	<49.7	U	49.7		mg/Kg		06/24/25 15:02	06/26/25 16:30	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/24/25 15:02	06/26/25 16:30	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/24/25 15:02	06/26/25 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130				06/24/25 15:02	06/26/25 16:30	1
o-Terphenyl (Surr)	108		70 - 130				06/24/25 15:02	06/26/25 16:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2470		49.8		mg/Kg			06/25/25 23:13	5

Client Sample ID: BH-8 (4.0')

Lab Sample ID: 880-59631-55

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/25/25 04:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/24/25 12:08	06/25/25 04:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/24/25 12:08	06/25/25 04:39	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		06/24/25 12:08	06/25/25 04:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/24/25 12:08	06/25/25 04:39	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/24/25 12:08	06/25/25 04:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				06/24/25 12:08	06/25/25 04:39	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/24/25 12:08	06/25/25 04:39	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			06/25/25 04:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/26/25 16:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/24/25 15:02	06/26/25 16:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 15:02	06/26/25 16:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-8 (4.0')

Lab Sample ID: 880-59631-55

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 15:02	06/26/25 16:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				06/24/25 15:02	06/26/25 16:45	1
o-Terphenyl (Surr)	109		70 - 130				06/24/25 15:02	06/26/25 16:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7020	F1	100		mg/Kg			06/25/25 23:20	10

Client Sample ID: BH-8 (5.0')

Lab Sample ID: 880-59631-56

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/25/25 05:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/25/25 05:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/25/25 05:00	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		06/24/25 12:08	06/25/25 05:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/25/25 05:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/24/25 12:08	06/25/25 05:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				06/24/25 12:08	06/25/25 05:00	1
1,4-Difluorobenzene (Surr)	94		70 - 130				06/24/25 12:08	06/25/25 05:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/25/25 05:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/26/25 17:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/24/25 15:02	06/26/25 17:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/24/25 15:02	06/26/25 17:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/24/25 15:02	06/26/25 17:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				06/24/25 15:02	06/26/25 17:00	1
o-Terphenyl (Surr)	114		70 - 130				06/24/25 15:02	06/26/25 17:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4440		49.8		mg/Kg			06/25/25 23:42	5

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-8 (6.0')

Lab Sample ID: 880-59631-57

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/25/25 05:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 05:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 05:20	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 12:08	06/25/25 05:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 05:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 12:08	06/25/25 05:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	06/24/25 12:08	06/25/25 05:20	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/24/25 12:08	06/25/25 05:20	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			06/25/25 05:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			06/26/25 17:15	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	<50.1	U	50.1		mg/Kg		06/24/25 15:02	06/26/25 17:15	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/24/25 15:02	06/26/25 17:15	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/24/25 15:02	06/26/25 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130	06/24/25 15:02	06/26/25 17:15	1
o-Terphenyl (Surr)	112		70 - 130	06/24/25 15:02	06/26/25 17:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	500		10.1		mg/Kg			06/25/25 23:49	1

Client Sample ID: BH-9 (0-1.0')

Lab Sample ID: 880-59631-58

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/25/25 05:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 05:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 05:41	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 12:08	06/25/25 05:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 05:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 12:08	06/25/25 05:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	06/24/25 12:08	06/25/25 05:41	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/24/25 12:08	06/25/25 05:41	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-9 (0-1.0')

Lab Sample ID: 880-59631-58

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			06/25/25 05:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	211		49.7		mg/Kg			06/26/25 17:30	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	<49.7	U	49.7		mg/Kg		06/24/25 15:02	06/26/25 17:30	1
Diesel Range Organics (Over C10-C28)	211		49.7		mg/Kg		06/24/25 15:02	06/26/25 17:30	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/24/25 15:02	06/26/25 17:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				06/24/25 15:02	06/26/25 17:30	1
o-Terphenyl (Surr)	109		70 - 130				06/24/25 15:02	06/26/25 17:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	261		9.92		mg/Kg			06/26/25 00:10	1

Client Sample ID: BH-9 (2.0')

Lab Sample ID: 880-59631-59

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/25/25 06:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 06:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 06:01	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 12:08	06/25/25 06:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 12:08	06/25/25 06:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 12:08	06/25/25 06:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				06/24/25 12:08	06/25/25 06:01	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/24/25 12:08	06/25/25 06:01	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			06/25/25 06:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/26/25 17:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/24/25 15:02	06/26/25 17:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 15:02	06/26/25 17:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-9 (2.0')

Lab Sample ID: 880-59631-59

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 15:02	06/26/25 17:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130				06/24/25 15:02	06/26/25 17:45	1
o-Terphenyl (Surr)	110		70 - 130				06/24/25 15:02	06/26/25 17:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	729		9.94		mg/Kg			06/26/25 00:18	1

Client Sample ID: BH-9 (3.0')

Lab Sample ID: 880-59631-60

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 12:08	06/25/25 06:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/25/25 06:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/25/25 06:22	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		06/24/25 12:08	06/25/25 06:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/25/25 06:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/24/25 12:08	06/25/25 06:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				06/24/25 12:08	06/25/25 06:22	1
1,4-Difluorobenzene (Surr)	94		70 - 130				06/24/25 12:08	06/25/25 06:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/25/25 06:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			06/26/25 18:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		06/24/25 15:02	06/26/25 18:00	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		06/24/25 15:02	06/26/25 18:00	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		06/24/25 15:02	06/26/25 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				06/24/25 15:02	06/26/25 18:00	1
o-Terphenyl (Surr)	111		70 - 130				06/24/25 15:02	06/26/25 18:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3770		50.3		mg/Kg			06/26/25 00:25	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-9 (4.0')

Lab Sample ID: 880-59631-61

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 11:30	06/24/25 17:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 11:30	06/24/25 17:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 11:30	06/24/25 17:25	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 11:30	06/24/25 17:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 11:30	06/24/25 17:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 11:30	06/24/25 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	06/24/25 11:30	06/24/25 17:25	1
1,4-Difluorobenzene (Surr)	86		70 - 130	06/24/25 11:30	06/24/25 17:25	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			06/24/25 17:25	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			06/27/25 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/24/25 15:33	06/27/25 10:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 15:33	06/27/25 10:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/24/25 15:33	06/27/25 10:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130	06/24/25 15:33	06/27/25 10:03	1
o-Terphenyl (Surr)	113		70 - 130	06/24/25 15:33	06/27/25 10:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3850		50.5		mg/Kg			06/26/25 00:32	5

Client Sample ID: BH-9 (5.0')

Lab Sample ID: 880-59631-62

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 11:30	06/24/25 17:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/24/25 11:30	06/24/25 17:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/24/25 11:30	06/24/25 17:45	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		06/24/25 11:30	06/24/25 17:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/24/25 11:30	06/24/25 17:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/24/25 11:30	06/24/25 17:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	06/24/25 11:30	06/24/25 17:45	1
1,4-Difluorobenzene (Surr)	86		70 - 130	06/24/25 11:30	06/24/25 17:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-9 (5.0')

Lab Sample ID: 880-59631-62

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			06/24/25 17:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/27/25 10:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/24/25 15:33	06/27/25 10:20	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/24/25 15:33	06/27/25 10:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/24/25 15:33	06/27/25 10:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				06/24/25 15:33	06/27/25 10:20	1
o-Terphenyl (Surr)	101		70 - 130				06/24/25 15:33	06/27/25 10:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4910		50.4		mg/Kg			06/26/25 00:39	5

Client Sample ID: BH-9 (6.0')

Lab Sample ID: 880-59631-63

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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		06/24/25 11:30	06/24/25 18:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/25 11:30	06/24/25 18:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/25 11:30	06/24/25 18:06	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/24/25 11:30	06/24/25 18:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/25 11:30	06/24/25 18:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/25 11:30	06/24/25 18:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				06/24/25 11:30	06/24/25 18:06	1
1,4-Difluorobenzene (Surr)	87		70 - 130				06/24/25 11:30	06/24/25 18:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/24/25 18:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/27/25 10:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/24/25 15:33	06/27/25 10:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 15:33	06/27/25 10:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-9 (6.0')
Date Collected: 06/23/25 00:00
Date Received: 06/24/25 08:54

Lab Sample ID: 880-59631-63
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		06/24/25 15:33	06/27/25 10:36	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	98		70 - 130				06/24/25 15:33	06/27/25 10:36	1	
o-Terphenyl (Surr)	102		70 - 130				06/24/25 15:33	06/27/25 10:36	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	3280		49.9		mg/Kg			06/26/25 00:46	5	

Surrogate Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea 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	DFBZ1
		(70-130)	(70-130)
880-59631-1	BH-1 (0-1.0')	115	87
880-59631-1 MS	BH-1 (0-1.0')	105	94
880-59631-1 MSD	BH-1 (0-1.0')	103	93
880-59631-2	BH-1 (2.0')	98	95
880-59631-3	BH-1 (3.0')	95	95
880-59631-4	BH-1 (4.0')	97	91
880-59631-5	BH-1 (5.0')	99	94
880-59631-6	BH-1 (6.0')	105	87
880-59631-7	BH-2 (0-1.0')	101	92
880-59631-8	BH-2 (2.0')	102	93
880-59631-9	BH-2 (3.0')	111	86
880-59631-10	BH-2 (4.0')	104	91
880-59631-11	BH-2 (5.0')	111	83
880-59631-12	BH-2 (6.0')	93	100
880-59631-13	BH-3 (0-1.0')	100	94
880-59631-14	BH-3 (2.0')	98	97
880-59631-15	BH-3 (3.0')	94	97
880-59631-16	BH-3 (4.0')	97	89
880-59631-17	BH-3 (5.0')	68 S1-	99
880-59631-18	BH-3 (6.0')	109	87
880-59631-19	BH-3 (7.0')	104	90
880-59631-20	BH-3 (8.0')	107	93
880-59631-21	BH-4 (0-1.0')	103	92
880-59631-21 MS	BH-4 (0-1.0')	96	100
880-59631-21 MSD	BH-4 (0-1.0')	97	97
880-59631-22	BH-4 (2.0')	89	99
880-59631-23	BH-4 (3.0')	97	99
880-59631-24	BH-4 (4.0')	99	93
880-59631-25	BH-4 (5.0')	100	89
880-59631-26	BH-4 (6.0')	97	93
880-59631-27	BH-5 (0-1.0')	95	95
880-59631-28	BH-5 (2.0')	101	95
880-59631-29	BH-5 (3.0')	95	97
880-59631-30	BH-5 (4.0')	98	93
880-59631-31	BH-5 (5.0')	84	91
880-59631-36	BH-6 (0-1.0')	120	96
880-59631-37	BH-6 (2.0')	118	94
880-59631-38	BH-6 (3.0')	118	93
880-59631-39	BH-6 (4.0')	123	96
880-59631-40	BH-6 (5.0')	125	94
880-59631-41	BH-6 (6.0')	121	93
880-59631-41 MS	BH-6 (6.0')	106	96
880-59631-41 MSD	BH-6 (6.0')	105	94
880-59631-42	BH-7 (0-1.0')	117	96
880-59631-43	BH-7 (2.0')	118	92
880-59631-44	BH-7 (3.0')	117	93
880-59631-45	BH-7 (4.0')	120	90
880-59631-46	BH-7 (5.0')	112	94
880-59631-47	BH-7 (6.0')	119	92

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-59631-1

Project/Site: SD SWD 13 ROTF Facility

SDG: Lea 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)
880-59631-48	BH-7 (7.0')	119	94
880-59631-49	BH-7 (8.0')	118	92
880-59631-50	BH-7 (9.0')	127	94
880-59631-51	BH-7 (10.0)	128	95
880-59631-52	BH-8 (0-1.0')	124	93
880-59631-53	BH-8 (2.0')	116	93
880-59631-54	BH-8 (3.0')	122	93
880-59631-55	BH-8 (4.0')	117	92
880-59631-56	BH-8 (5.0')	116	94
880-59631-57	BH-8 (6.0')	124	91
880-59631-58	BH-9 (0-1.0')	119	93
880-59631-59	BH-9 (2.0')	121	93
880-59631-60	BH-9 (3.0')	124	94
880-59631-61	BH-9 (4.0')	82	86
880-59631-62	BH-9 (5.0')	82	86
880-59631-63	BH-9 (6.0')	80	87
890-8341-A-5-D MS	Matrix Spike	112	98
890-8341-A-5-E MSD	Matrix Spike Duplicate	103	109
LCS 880-112846/1-A	Lab Control Sample	91	101
LCS 880-112851/1-A	Lab Control Sample	114	99
LCS 880-112854/1-A	Lab Control Sample	94	98
LCS 880-112885/1-A	Lab Control Sample	103	95
LCS 880-112986/1-A	Lab Control Sample	95	97
LCSD 880-112846/2-A	Lab Control Sample Dup	100	95
LCSD 880-112851/2-A	Lab Control Sample Dup	112	98
LCSD 880-112854/2-A	Lab Control Sample Dup	102	96
LCSD 880-112885/2-A	Lab Control Sample Dup	107	93
LCSD 880-112986/2-A	Lab Control Sample Dup	99	99
MB 880-112837/5-A	Method Blank	96	91
MB 880-112846/5-A	Method Blank	84	93
MB 880-112851/5-A	Method Blank	106	86
MB 880-112854/5-A	Method Blank	94	85
MB 880-112885/5-A	Method Blank	115	92
MB 880-112986/5-A	Method Blank	104	89

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)
820-19526-A-21-C MS	Matrix Spike	87	95
820-19526-A-21-D MSD	Matrix Spike Duplicate	88	95
880-59631-1	BH-1 (0-1.0')	114	119
880-59631-2	BH-1 (2.0')	113	116
880-59631-3	BH-1 (3.0')	118	122
880-59631-4	BH-1 (4.0')	116	121

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-59631-1

Project/Site: SD SWD 13 ROTF Facility

SDG: Lea 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)
880-59631-5	BH-1 (5.0')	114	120
880-59631-6	BH-1 (6.0')	113	118
880-59631-7	BH-2 (0-1.0')	106	111
880-59631-8	BH-2 (2.0')	105	110
880-59631-9	BH-2 (3.0')	107	111
880-59631-10	BH-2 (4.0')	102	107
880-59631-11	BH-2 (5.0')	106	110
880-59631-12	BH-2 (6.0')	112	117
880-59631-13	BH-3 (0-1.0')	110	115
880-59631-14	BH-3 (2.0')	104	107
880-59631-15	BH-3 (3.0')	103	107
880-59631-16	BH-3 (4.0')	107	110
880-59631-17	BH-3 (5.0')	123	137 S1+
880-59631-17 MS	BH-3 (5.0')	134 S1+	143 S1+
880-59631-17 MSD	BH-3 (5.0')	139 S1+	139 S1+
880-59631-18	BH-3 (6.0')	131 S1+	146 S1+
880-59631-19	BH-3 (7.0')	125	139 S1+
880-59631-20	BH-3 (8.0')	127	144 S1+
880-59631-21	BH-4 (0-1.0')	121	136 S1+
880-59631-22	BH-4 (2.0')	131 S1+	145 S1+
880-59631-23	BH-4 (3.0')	133 S1+	147 S1+
880-59631-24	BH-4 (4.0')	128	144 S1+
880-59631-25	BH-4 (5.0')	121	134 S1+
880-59631-26	BH-4 (6.0')	134 S1+	150 S1+
880-59631-27	BH-5 (0-1.0')	118	133 S1+
880-59631-28	BH-5 (2.0')	117	129
880-59631-29	BH-5 (3.0')	117	130
880-59631-30	BH-5 (4.0')	112	123
880-59631-31	BH-5 (5.0')	118	132 S1+
880-59631-36	BH-6 (0-1.0')	106	134 S1+
880-59631-37	BH-6 (2.0')	118	131 S1+
880-59631-38	BH-6 (3.0')	115	126
880-59631-39	BH-6 (4.0')	117	132 S1+
880-59631-40	BH-6 (5.0')	117	128
880-59631-41	BH-6 (6.0')	115	119
880-59631-41 MS	BH-6 (6.0')	117	110
880-59631-41 MSD	BH-6 (6.0')	116	111
880-59631-42	BH-7 (0-1.0')	102	104
880-59631-43	BH-7 (2.0')	106	109
880-59631-44	BH-7 (3.0')	108	111
880-59631-45	BH-7 (4.0')	107	111
880-59631-46	BH-7 (5.0')	108	113
880-59631-47	BH-7 (6.0')	109	113
880-59631-48	BH-7 (7.0')	111	115
880-59631-49	BH-7 (8.0')	110	114
880-59631-50	BH-7 (9.0')	108	112
880-59631-51	BH-7 (10.0)	109	112
880-59631-52	BH-8 (0-1.0')	101	104
880-59631-53	BH-8 (2.0')	105	108
880-59631-54	BH-8 (3.0')	105	108

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-59631-1

Project/Site: SD SWD 13 ROTF Facility

SDG: Lea 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)
880-59631-55	BH-8 (4.0')	104	109
880-59631-56	BH-8 (5.0')	109	114
880-59631-57	BH-8 (6.0')	107	112
880-59631-58	BH-9 (0-1.0')	101	109
880-59631-59	BH-9 (2.0')	105	110
880-59631-60	BH-9 (3.0')	106	111
880-59631-61	BH-9 (4.0')	109	113
880-59631-62	BH-9 (5.0')	98	101
880-59631-63	BH-9 (6.0')	98	102
890-8342-A-4-B MS	Matrix Spike	118	113
890-8342-A-4-C MSD	Matrix Spike Duplicate	117	112
LCS 880-112845/2-A	Lab Control Sample	120	120
LCS 880-112887/2-A	Lab Control Sample	136 S1+	143 S1+
LCS 880-112935/2-A	Lab Control Sample	139 S1+	135 S1+
LCS 880-112943/2-A	Lab Control Sample	106	116
LCSD 880-112845/3-A	Lab Control Sample Dup	121	121
LCSD 880-112887/3-A	Lab Control Sample Dup	137 S1+	144 S1+
LCSD 880-112935/3-A	Lab Control Sample Dup	141 S1+	137 S1+
LCSD 880-112943/3-A	Lab Control Sample Dup	104	114
MB 880-112845/1-A	Method Blank	100	107
MB 880-112887/1-A	Method Blank	107	123
MB 880-112935/1-A	Method Blank	70	72
MB 880-112943/1-A	Method Blank	95	100

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-112837/5-A

Matrix: Solid

Analysis Batch: 112839

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 112837

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:13	06/24/25 11:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:13	06/24/25 11:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:13	06/24/25 11:21	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		06/24/25 08:13	06/24/25 11:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:13	06/24/25 11:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/24/25 08:13	06/24/25 11:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	06/24/25 08:13	06/24/25 11:21	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/24/25 08:13	06/24/25 11:21	1

Lab Sample ID: MB 880-112846/5-A

Matrix: Solid

Analysis Batch: 112841

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 112846

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:22	06/24/25 12:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:22	06/24/25 12:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:22	06/24/25 12:13	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		06/24/25 08:22	06/24/25 12:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:22	06/24/25 12:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/24/25 08:22	06/24/25 12:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	06/24/25 08:22	06/24/25 12:13	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/24/25 08:22	06/24/25 12:13	1

Lab Sample ID: LCS 880-112846/1-A

Matrix: Solid

Analysis Batch: 112841

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 112846

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08672		mg/Kg		87	70 - 130
Toluene	0.100	0.08709		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.08735		mg/Kg		87	70 - 130
m,p-Xylenes	0.200	0.1571		mg/Kg		79	70 - 130
o-Xylene	0.100	0.07920		mg/Kg		79	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-112846/2-A

Matrix: Solid

Analysis Batch: 112841

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 112846

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09236		mg/Kg		92	70 - 130	6	35

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-112846/2-A

Matrix: Solid

Analysis Batch: 112841

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 112846

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier			Limits	Limit		
Toluene			0.100	0.09619		mg/Kg		96	70 - 130	10	35
Ethylbenzene			0.100	0.1010		mg/Kg		101	70 - 130	15	35
m,p-Xylenes			0.200	0.1825		mg/Kg		91	70 - 130	15	35
o-Xylene			0.100	0.09286		mg/Kg		93	70 - 130	16	35
		LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		70 - 130								
1,4-Difluorobenzene (Surr)	95		70 - 130								

Lab Sample ID: 890-8341-A-5-D MS

Matrix: Solid

Analysis Batch: 112841

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 112846

Analyte	Sample		Spike	MS		Unit	D	%Rec	%Rec	
	Result	Qualifier		Result	Qualifier				Limits	RPD
Benzene	<0.00200	U	0.100	0.09850		mg/Kg		99	70 - 130	
Toluene	<0.00200	U	0.100	0.1001		mg/Kg		100	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.1015		mg/Kg		102	70 - 130	
m,p-Xylenes	<0.00399	U	0.200	0.2139		mg/Kg		107	70 - 130	
o-Xylene	<0.00200	U	0.100	0.1058		mg/Kg		106	70 - 130	
MS		MS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	112		70 - 130							
1,4-Difluorobenzene (Surr)	98		70 - 130							

Lab Sample ID: 890-8341-A-5-E MSD

Matrix: Solid

Analysis Batch: 112841

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 112846

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.08636		mg/Kg		86	70 - 130	13	35
Toluene	<0.00200	U	0.100	0.09302		mg/Kg		93	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.100	0.1030		mg/Kg		103	70 - 130	1	35
m,p-Xylenes	<0.00399	U	0.200	0.1790		mg/Kg		90	70 - 130	18	35
o-Xylene	<0.00200	U	0.100	0.08932		mg/Kg		89	70 - 130	17	35
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	103		70 - 130								
1,4-Difluorobenzene (Surr)	109		70 - 130								

Lab Sample ID: MB 880-112851/5-A

Matrix: Solid

Analysis Batch: 112838

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 112851

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:32	06/24/25 11:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:32	06/24/25 11:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:32	06/24/25 11:21	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		06/24/25 08:32	06/24/25 11:21	1

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-112851/5-A

Matrix: Solid

Analysis Batch: 112838

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 112851

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:32	06/24/25 11:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/24/25 08:32	06/24/25 11:21	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	106		70 - 130				06/24/25 08:32	06/24/25 11:21	1
1,4-Difluorobenzene (Surr)	86		70 - 130				06/24/25 08:32	06/24/25 11:21	1

Lab Sample ID: LCS 880-112851/1-A

Matrix: Solid

Analysis Batch: 112838

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 112851

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1130		mg/Kg		113	70 - 130		
Toluene	0.100	0.09291		mg/Kg		93	70 - 130		
Ethylbenzene	0.100	0.09667		mg/Kg		97	70 - 130		
m,p-Xylenes	0.200	0.1933		mg/Kg		97	70 - 130		
o-Xylene	0.100	0.09741		mg/Kg		97	70 - 130		
Surrogate	LCS	LCS	Limits				%Recovery	Qualifier	
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	114		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: LCSD 880-112851/2-A

Matrix: Solid

Analysis Batch: 112838

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 112851

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1115		mg/Kg		111	70 - 130	1	35
Toluene	0.100	0.09259		mg/Kg		93	70 - 130	0	35
Ethylbenzene	0.100	0.09647		mg/Kg		96	70 - 130	0	35
m,p-Xylenes	0.200	0.1929		mg/Kg		96	70 - 130	0	35
o-Xylene	0.100	0.09769		mg/Kg		98	70 - 130	0	35
Surrogate	LCSD	LCSD	Limits				%Recovery	Qualifier	
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	112		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Lab Sample ID: MB 880-112854/5-A

Matrix: Solid

Analysis Batch: 112839

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 112854

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/24/25 22:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/24/25 22:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/24/25 22:19	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		06/24/25 08:55	06/24/25 22:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 08:55	06/24/25 22:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/24/25 08:55	06/24/25 22:19	1

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	06/24/25 08:55	06/24/25 22:19	1
1,4-Difluorobenzene (Surr)	85		70 - 130	06/24/25 08:55	06/24/25 22:19	1

Lab Sample ID: LCS 880-112854/1-A
Matrix: Solid
Analysis Batch: 112839

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 112854

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1158		mg/Kg		116	70 - 130
Toluene	0.100	0.1019		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1073		mg/Kg		107	70 - 130
m,p-Xylenes	0.200	0.2225		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1111		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-112854/2-A
Matrix: Solid
Analysis Batch: 112839

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 112854

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1122		mg/Kg		112	70 - 130	3	35
Toluene	0.100	0.09721		mg/Kg		97	70 - 130	5	35
Ethylbenzene	0.100	0.1017		mg/Kg		102	70 - 130	5	35
m,p-Xylenes	0.200	0.2092		mg/Kg		105	70 - 130	6	35
o-Xylene	0.100	0.1049		mg/Kg		105	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-59631-1 MS
Matrix: Solid
Analysis Batch: 112839

Client Sample ID: BH-1 (0-1.0')
Prep Type: Total/NA
Prep Batch: 112854

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09515		mg/Kg		95	70 - 130
Toluene	<0.00200	U	0.100	0.08758		mg/Kg		88	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09156		mg/Kg		92	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1899		mg/Kg		95	70 - 130
o-Xylene	<0.00200	U	0.100	0.09288		mg/Kg		93	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-59631-1 MSD

Matrix: Solid

Analysis Batch: 112839

Client Sample ID: BH-1 (0-1.0')

Prep Type: Total/NA

Prep Batch: 112854

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	0.09156		mg/Kg		92	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.08265		mg/Kg		83	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.100	0.08583		mg/Kg		86	70 - 130	6	35
m,p-Xylenes	<0.00399	U	0.200	0.1783		mg/Kg		89	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.08748		mg/Kg		87	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-112885/5-A

Matrix: Solid

Analysis Batch: 112838

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 112885

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/24/25 22:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/24/25 22:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/24/25 22:18	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		06/24/25 12:08	06/24/25 22:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/25 12:08	06/24/25 22:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/24/25 12:08	06/24/25 22:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/24/25 12:08	06/24/25 22:18	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/24/25 12:08	06/24/25 22:18	1

Lab Sample ID: LCS 880-112885/1-A

Matrix: Solid

Analysis Batch: 112838

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 112885

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1288		mg/Kg		129	70 - 130
Toluene	0.100	0.1045		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.1088		mg/Kg		109	70 - 130
m,p-Xylenes	0.200	0.2156		mg/Kg		108	70 - 130
o-Xylene	0.100	0.1089		mg/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-112885/2-A

Matrix: Solid

Analysis Batch: 112838

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 112885

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1260		mg/Kg		126	70 - 130	2	35
Toluene	0.100	0.1008		mg/Kg		101	70 - 130	4	35

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-112885/2-A

Matrix: Solid

Analysis Batch: 112838

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 112885

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Ethylbenzene	0.100	0.1041		mg/Kg		104	70 - 130	4		35
m,p-Xylenes	0.200	0.2051		mg/Kg		103	70 - 130	5		35
o-Xylene	0.100	0.1040		mg/Kg		104	70 - 130	5		35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-59631-41 MS

Matrix: Solid

Analysis Batch: 112838

Client Sample ID: BH-6 (6.0')

Prep Type: Total/NA

Prep Batch: 112885

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Benzene	<0.00200	U	0.100	0.1172		mg/Kg		117	70 - 130			
Toluene	<0.00200	U	0.100	0.09570		mg/Kg		96	70 - 130			
Ethylbenzene	<0.00200	U	0.100	0.1000		mg/Kg		100	70 - 130			
m,p-Xylenes	<0.00399	U	0.200	0.1978		mg/Kg		99	70 - 130			
o-Xylene	<0.00200	U	0.100	0.09938		mg/Kg		99	70 - 130			

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

Lab Sample ID: 880-59631-41 MSD

Matrix: Solid

Analysis Batch: 112838

Client Sample ID: BH-6 (6.0')

Prep Type: Total/NA

Prep Batch: 112885

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Benzene	<0.00200	U	0.100	0.1207		mg/Kg		121	70 - 130	3		35
Toluene	<0.00200	U	0.100	0.09752		mg/Kg		98	70 - 130	2		35
Ethylbenzene	<0.00200	U	0.100	0.1017		mg/Kg		102	70 - 130	2		35
m,p-Xylenes	<0.00399	U	0.200	0.2013		mg/Kg		101	70 - 130	2		35
o-Xylene	<0.00200	U	0.100	0.1010		mg/Kg		101	70 - 130	2		35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-112986/5-A

Matrix: Solid

Analysis Batch: 112976

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 112986

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		06/25/25 09:14	06/25/25 11:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/25/25 09:14	06/25/25 11:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/25/25 09:14	06/25/25 11:21	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		06/25/25 09:14	06/25/25 11:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/25/25 09:14	06/25/25 11:21	1

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-112986/5-A

Matrix: Solid

Analysis Batch: 112976

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 112986

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/25/25 09:14	06/25/25 11:21	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/25/25 09:14	06/25/25 11:21	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/25/25 09:14	06/25/25 11:21	1

Lab Sample ID: LCS 880-112986/1-A

Matrix: Solid

Analysis Batch: 112976

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 112986

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1101		mg/Kg		110	70 - 130
Toluene	0.100	0.09645		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.1012		mg/Kg		101	70 - 130
m,p-Xylenes	0.200	0.2101		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1040		mg/Kg		104	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	95		70 - 130				
1,4-Difluorobenzene (Surr)	97		70 - 130				

Lab Sample ID: LCSD 880-112986/2-A

Matrix: Solid

Analysis Batch: 112976

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 112986

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1119		mg/Kg		112	70 - 130	2	35
Toluene	0.100	0.1003		mg/Kg		100	70 - 130	4	35
Ethylbenzene	0.100	0.1058		mg/Kg		106	70 - 130	4	35
m,p-Xylenes	0.200	0.2199		mg/Kg		110	70 - 130	5	35
o-Xylene	0.100	0.1088		mg/Kg		109	70 - 130	5	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	99		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: 880-59631-21 MS

Matrix: Solid

Analysis Batch: 112976

Client Sample ID: BH-4 (0-1.0')

Prep Type: Total/NA

Prep Batch: 112986

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1062		mg/Kg		106	70 - 130
Toluene	<0.00200	U	0.100	0.08915		mg/Kg		89	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09130		mg/Kg		91	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1863		mg/Kg		93	70 - 130
o-Xylene	<0.00200	U	0.100	0.09277		mg/Kg		93	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-59631-21 MS

Matrix: Solid

Analysis Batch: 112976

Client Sample ID: BH-4 (0-1.0')

Prep Type: Total/NA

Prep Batch: 112986

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-59631-21 MSD

Matrix: Solid

Analysis Batch: 112976

Client Sample ID: BH-4 (0-1.0')

Prep Type: Total/NA

Prep Batch: 112986

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	0.1021		mg/Kg		102	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.09125		mg/Kg		91	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.09574		mg/Kg		96	70 - 130	5	35
m,p-Xylenes	<0.00399	U	0.200	0.1997		mg/Kg		100	70 - 130	7	35
o-Xylene	<0.00200	U	0.100	0.09819		mg/Kg		98	70 - 130	6	35

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

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

Lab Sample ID: MB 880-112845/1-A

Matrix: Solid

Analysis Batch: 113143

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 112845

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		06/24/25 08:20	06/26/25 19:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 08:20	06/26/25 19:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/24/25 08:20	06/26/25 19:16	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane (Surr)	100		70 - 130	06/24/25 08:20	06/26/25 19:16	1			
o-Terphenyl (Surr)	107		70 - 130	06/24/25 08:20	06/26/25 19:16	1			

Lab Sample ID: LCS 880-112845/2-A

Matrix: Solid

Analysis Batch: 113143

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 112845

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	990.5		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	841.2		mg/Kg		84	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	120		70 - 130
o-Terphenyl (Surr)	120		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-112845/3-A

Matrix: Solid

Analysis Batch: 113143

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 112845

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1008		mg/Kg		101	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	827.9		mg/Kg		83	70 - 130	2	20
		LCSD %Recovery	LCSD Qualifier						
Surrogate				Limits					
1-Chlorooctane (Surr)		121		70 - 130					
o-Terphenyl (Surr)		121		70 - 130					

Lab Sample ID: 890-8342-A-4-B MS

Matrix: Solid

Analysis Batch: 113143

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 112845

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	999	930.7		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	834.4		mg/Kg		82	70 - 130		
		MS %Recovery	MS Qualifier								
Surrogate				Limits							
1-Chlorooctane (Surr)		118		70 - 130							
o-Terphenyl (Surr)		113		70 - 130							

Lab Sample ID: 890-8342-A-4-C MSD

Matrix: Solid

Analysis Batch: 113143

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 112845

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	999	893.6		mg/Kg		89	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	837.2		mg/Kg		82	70 - 130	0	20
		MSD %Recovery	MSD Qualifier								
Surrogate				Limits							
1-Chlorooctane (Surr)		117		70 - 130							
o-Terphenyl (Surr)		112		70 - 130							

Lab Sample ID: MB 880-112887/1-A

Matrix: Solid

Analysis Batch: 113145

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 112887

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		06/24/25 12:22	06/26/25 19:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 12:22	06/26/25 19:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/24/25 12:22	06/26/25 19:16	1

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-112887/1-A
Matrix: Solid
Analysis Batch: 113145

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 112887

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130	06/24/25 12:22	06/26/25 19:16	1
o-Terphenyl (Surr)	123		70 - 130	06/24/25 12:22	06/26/25 19:16	1

Lab Sample ID: LCS 880-112887/2-A
Matrix: Solid
Analysis Batch: 113145

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 112887

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		900	687.1		mg/Kg		76	70 - 130		
Diesel Range Organics (Over C10-C28)		900	660.5		mg/Kg		73	70 - 130		

	LCS	LCS			
Surrogate	%Recovery	Qualifier	Limits		
1-Chlorooctane (Surr)	136	S1+	70 - 130		
o-Terphenyl (Surr)	143	S1+	70 - 130		

Lab Sample ID: LCSD 880-112887/3-A
Matrix: Solid
Analysis Batch: 113145

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 112887

		Spike	LCSD	LCSD				%Rec		RPD	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10		900	693.2		mg/Kg		77	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)		900	681.1		mg/Kg		76	70 - 130	3	20	

	LCSD	LCSD			
Surrogate	%Recovery	Qualifier	Limits		
1-Chlorooctane (Surr)	137	S1+	70 - 130		
o-Terphenyl (Surr)	144	S1+	70 - 130		

Lab Sample ID: 880-59631-17 MS
Matrix: Solid
Analysis Batch: 113145

Client Sample ID: BH-3 (5.0')
Prep Type: Total/NA
Prep Batch: 112887

	Sample	Sample	Spike	MS	MS			%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	896	651.3		mg/Kg		73	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	896	687.5		mg/Kg		77	70 - 130	

	MS	MS			
Surrogate	%Recovery	Qualifier	Limits		
1-Chlorooctane (Surr)	134	S1+	70 - 130		
o-Terphenyl (Surr)	143	S1+	70 - 130		

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-59631-17 MSD

Matrix: Solid

Analysis Batch: 113145

Client Sample ID: BH-3 (5.0')

Prep Type: Total/NA

Prep Batch: 112887

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	896	659.0		mg/Kg		74	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	896	685.6		mg/Kg		77	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	139	S1+	70 - 130								
o-Terphenyl (Surr)	139	S1+	70 - 130								

Lab Sample ID: MB 880-112935/1-A

Matrix: Solid

Analysis Batch: 113143

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 112935

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		06/24/25 15:02	06/26/25 10:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 15:02	06/26/25 10:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/24/25 15:02	06/26/25 10:09	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	70		70 - 130				06/24/25 15:02	06/26/25 10:09	1
o-Terphenyl (Surr)	72		70 - 130				06/24/25 15:02	06/26/25 10:09	1

Lab Sample ID: LCS 880-112935/2-A

Matrix: Solid

Analysis Batch: 113143

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 112935

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1065		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	912.5		mg/Kg		91	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane (Surr)	139	S1+	70 - 130						
o-Terphenyl (Surr)	135	S1+	70 - 130						

Lab Sample ID: LCSD 880-112935/3-A

Matrix: Solid

Analysis Batch: 113143

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 112935

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1080		mg/Kg		108	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	913.5		mg/Kg		91	70 - 130	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-112935/3-A

Matrix: Solid

Analysis Batch: 113143

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 112935

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	141	S1+	70 - 130
o-Terphenyl (Surr)	137	S1+	70 - 130

Lab Sample ID: 880-59631-41 MS

Matrix: Solid

Analysis Batch: 113143

Client Sample ID: BH-6 (6.0')

Prep Type: Total/NA

Prep Batch: 112935

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	995	917.6		mg/Kg		92	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.1	U	995	793.3		mg/Kg		78	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	117		70 - 130							
o-Terphenyl (Surr)	110		70 - 130							

Lab Sample ID: 880-59631-41 MSD

Matrix: Solid

Analysis Batch: 113143

Client Sample ID: BH-6 (6.0')

Prep Type: Total/NA

Prep Batch: 112935

	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	<50.1	U	995	861.9		mg/Kg		87	70 - 130	6	20	
Diesel Range Organics (Over C10-C28)	<50.1	U	995	771.0		mg/Kg		76	70 - 130	3	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane (Surr)	116		70 - 130									
o-Terphenyl (Surr)	111		70 - 130									

Lab Sample ID: MB 880-112943/1-A

Matrix: Solid

Analysis Batch: 113218

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 112943

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/24/25 15:33	06/27/25 06:59	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 15:33	06/27/25 06:59	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/24/25 15:33	06/27/25 06:59	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane (Surr)	95		70 - 130				06/24/25 15:33	06/27/25 06:59	1		
o-Terphenyl (Surr)	100		70 - 130				06/24/25 15:33	06/27/25 06:59	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-112943/2-A

Matrix: Solid

Analysis Batch: 113218

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 112943

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	905.4		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	980.4		mg/Kg		98	70 - 130
	LCS	LCS					
Surrogate	%Recovery	Qualifier	Limits				
1-Chlorooctane (Surr)	106		70 - 130				
o-Terphenyl (Surr)	116		70 - 130				

Lab Sample ID: LCSD 880-112943/3-A

Matrix: Solid

Analysis Batch: 113218

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 112943

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	904.1		mg/Kg		90	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	989.6		mg/Kg		99	70 - 130	1	20
	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	104		70 - 130						
o-Terphenyl (Surr)	114		70 - 130						

Lab Sample ID: 820-19526-A-21-C MS

Matrix: Solid

Analysis Batch: 113218

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 112943

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	997	717.4		mg/Kg		72	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	997	822.1		mg/Kg		80	70 - 130
	MS	MS							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	87		70 - 130						
o-Terphenyl (Surr)	95		70 - 130						

Lab Sample ID: 820-19526-A-21-D MSD

Matrix: Solid

Analysis Batch: 113218

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 112943

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	997	728.5		mg/Kg		73	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U	997	828.7		mg/Kg		81	70 - 130	1	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	88		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

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

Lab Sample ID: 820-19526-A-21-D MSD

Matrix: Solid

Analysis Batch: 113218

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 112943

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	95		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-112950/1-A

Matrix: Solid

Analysis Batch: 113010

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Chloride	<10.0	U		10.0		mg/Kg			06/25/25 17:06	1

Lab Sample ID: LCS 880-112950/2-A

Matrix: Solid

Analysis Batch: 113010

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte		Spike	LCS	LCS				%Rec		
		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride		250	266.8		mg/Kg		107	90 - 110		

Lab Sample ID: LCSD 880-112950/3-A

Matrix: Solid

Analysis Batch: 113010

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte		Spike	LCSD	LCSD				%Rec		RPD
		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride		250	267.6		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-59631-1 MS

Matrix: Solid

Analysis Batch: 113010

Client Sample ID: BH-1 (0-1.0')

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS			%Rec		
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	1910		1250	3235		mg/Kg		106	90 - 110	

Lab Sample ID: 880-59631-1 MSD

Matrix: Solid

Analysis Batch: 113010

Client Sample ID: BH-1 (0-1.0')

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MSD	MSD			%Rec		RPD
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD
Chloride	1910		1250	3212		mg/Kg		105	90 - 110	1

Lab Sample ID: 880-59631-11 MS

Matrix: Solid

Analysis Batch: 113010

Client Sample ID: BH-2 (5.0')

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS			%Rec		
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	548		1250	1805		mg/Kg		100	90 - 110	

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-59631-11 MSD

Matrix: Solid

Analysis Batch: 113010

Client Sample ID: BH-2 (5.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	548		1250	1797		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-112927/1-A

Matrix: Solid

Analysis Batch: 113012

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			06/25/25 19:20	1

Lab Sample ID: LCS 880-112927/2-A

Matrix: Solid

Analysis Batch: 113012

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	248.3		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-112927/3-A

Matrix: Solid

Analysis Batch: 113012

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	247.8		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-59631-21 MS

Matrix: Solid

Analysis Batch: 113012

Client Sample ID: BH-4 (0-1.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	9630	F1	2520	12540	F1	mg/Kg		115	90 - 110

Lab Sample ID: 880-59631-21 MSD

Matrix: Solid

Analysis Batch: 113012

Client Sample ID: BH-4 (0-1.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9630	F1	2520	12570	F1	mg/Kg		116	90 - 110	0	20

Lab Sample ID: 880-59631-31 MS

Matrix: Solid

Analysis Batch: 113012

Client Sample ID: BH-5 (5.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2250		1250	3544		mg/Kg		103	90 - 110

Lab Sample ID: 880-59631-31 MSD

Matrix: Solid

Analysis Batch: 113012

Client Sample ID: BH-5 (5.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2250		1250	3552		mg/Kg		104	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-112928/1-A
Matrix: Solid
Analysis Batch: 113024

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			06/25/25 21:18	1

Lab Sample ID: LCS 880-112928/2-A
Matrix: Solid
Analysis Batch: 113024

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	266.0		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-112928/3-A
Matrix: Solid
Analysis Batch: 113024

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	259.1		mg/Kg		104	90 - 110	3	20

Lab Sample ID: 880-59631-45 MS
Matrix: Solid
Analysis Batch: 113024

Client Sample ID: BH-7 (4.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1280		251	1446	4	mg/Kg		66	90 - 110

Lab Sample ID: 880-59631-45 MSD
Matrix: Solid
Analysis Batch: 113024

Client Sample ID: BH-7 (4.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1280		251	1452	4	mg/Kg		69	90 - 110	0	20

Lab Sample ID: 880-59631-55 MS
Matrix: Solid
Analysis Batch: 113024

Client Sample ID: BH-8 (4.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7020	F1	2510	11420	F1	mg/Kg		176	90 - 110

Lab Sample ID: 880-59631-55 MSD
Matrix: Solid
Analysis Batch: 113024

Client Sample ID: BH-8 (4.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7020	F1	2510	11290	F1	mg/Kg		170	90 - 110	1	20

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QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 112837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-112837/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 112838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-36	BH-6 (0-1.0')	Total/NA	Solid	8021B	112851
880-59631-37	BH-6 (2.0')	Total/NA	Solid	8021B	112851
880-59631-38	BH-6 (3.0')	Total/NA	Solid	8021B	112851
880-59631-39	BH-6 (4.0')	Total/NA	Solid	8021B	112851
880-59631-40	BH-6 (5.0')	Total/NA	Solid	8021B	112851
880-59631-41	BH-6 (6.0')	Total/NA	Solid	8021B	112885
880-59631-42	BH-7 (0-1.0')	Total/NA	Solid	8021B	112885
880-59631-43	BH-7 (2.0')	Total/NA	Solid	8021B	112885
880-59631-44	BH-7 (3.0')	Total/NA	Solid	8021B	112885
880-59631-45	BH-7 (4.0')	Total/NA	Solid	8021B	112885
880-59631-46	BH-7 (5.0')	Total/NA	Solid	8021B	112885
880-59631-47	BH-7 (6.0')	Total/NA	Solid	8021B	112885
880-59631-48	BH-7 (7.0')	Total/NA	Solid	8021B	112885
880-59631-49	BH-7 (8.0')	Total/NA	Solid	8021B	112885
880-59631-50	BH-7 (9.0')	Total/NA	Solid	8021B	112885
880-59631-51	BH-7 (10.0)	Total/NA	Solid	8021B	112885
880-59631-52	BH-8 (0-1.0')	Total/NA	Solid	8021B	112885
880-59631-53	BH-8 (2.0')	Total/NA	Solid	8021B	112885
880-59631-54	BH-8 (3.0')	Total/NA	Solid	8021B	112885
880-59631-55	BH-8 (4.0')	Total/NA	Solid	8021B	112885
880-59631-56	BH-8 (5.0')	Total/NA	Solid	8021B	112885
880-59631-57	BH-8 (6.0')	Total/NA	Solid	8021B	112885
880-59631-58	BH-9 (0-1.0')	Total/NA	Solid	8021B	112885
880-59631-59	BH-9 (2.0')	Total/NA	Solid	8021B	112885
880-59631-60	BH-9 (3.0')	Total/NA	Solid	8021B	112885
MB 880-112851/5-A	Method Blank	Total/NA	Solid	8021B	112851
MB 880-112885/5-A	Method Blank	Total/NA	Solid	8021B	112885
LCS 880-112851/1-A	Lab Control Sample	Total/NA	Solid	8021B	112851
LCS 880-112885/1-A	Lab Control Sample	Total/NA	Solid	8021B	112885
LCSD 880-112851/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	112851
LCSD 880-112885/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	112885
880-59631-41 MS	BH-6 (6.0')	Total/NA	Solid	8021B	112885
880-59631-41 MSD	BH-6 (6.0')	Total/NA	Solid	8021B	112885

Analysis Batch: 112839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-1	BH-1 (0-1.0')	Total/NA	Solid	8021B	112854
880-59631-2	BH-1 (2.0')	Total/NA	Solid	8021B	112854
880-59631-3	BH-1 (3.0')	Total/NA	Solid	8021B	112854
880-59631-4	BH-1 (4.0')	Total/NA	Solid	8021B	112854
880-59631-5	BH-1 (5.0')	Total/NA	Solid	8021B	112854
880-59631-6	BH-1 (6.0')	Total/NA	Solid	8021B	112854
880-59631-7	BH-2 (0-1.0')	Total/NA	Solid	8021B	112854
880-59631-8	BH-2 (2.0')	Total/NA	Solid	8021B	112854
880-59631-9	BH-2 (3.0')	Total/NA	Solid	8021B	112854
880-59631-10	BH-2 (4.0')	Total/NA	Solid	8021B	112854
880-59631-11	BH-2 (5.0')	Total/NA	Solid	8021B	112854

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 112839 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-12	BH-2 (6.0')	Total/NA	Solid	8021B	112854
880-59631-13	BH-3 (0-1.0')	Total/NA	Solid	8021B	112854
880-59631-14	BH-3 (2.0')	Total/NA	Solid	8021B	112854
880-59631-15	BH-3 (3.0')	Total/NA	Solid	8021B	112854
880-59631-16	BH-3 (4.0')	Total/NA	Solid	8021B	112854
880-59631-17	BH-3 (5.0')	Total/NA	Solid	8021B	112854
880-59631-18	BH-3 (6.0')	Total/NA	Solid	8021B	112854
880-59631-19	BH-3 (7.0')	Total/NA	Solid	8021B	112854
880-59631-20	BH-3 (8.0')	Total/NA	Solid	8021B	112854
MB 880-112837/5-A	Method Blank	Total/NA	Solid	8021B	112837
MB 880-112854/5-A	Method Blank	Total/NA	Solid	8021B	112854
LCS 880-112854/1-A	Lab Control Sample	Total/NA	Solid	8021B	112854
LCSD 880-112854/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	112854
880-59631-1 MS	BH-1 (0-1.0')	Total/NA	Solid	8021B	112854
880-59631-1 MSD	BH-1 (0-1.0')	Total/NA	Solid	8021B	112854

Analysis Batch: 112841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-31	BH-5 (5.0')	Total/NA	Solid	8021B	112846
880-59631-61	BH-9 (4.0')	Total/NA	Solid	8021B	112846
880-59631-62	BH-9 (5.0')	Total/NA	Solid	8021B	112846
880-59631-63	BH-9 (6.0')	Total/NA	Solid	8021B	112846
MB 880-112846/5-A	Method Blank	Total/NA	Solid	8021B	112846
LCS 880-112846/1-A	Lab Control Sample	Total/NA	Solid	8021B	112846
LCSD 880-112846/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	112846
890-8341-A-5-D MS	Matrix Spike	Total/NA	Solid	8021B	112846
890-8341-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	112846

Prep Batch: 112846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-31	BH-5 (5.0')	Total/NA	Solid	5035	
880-59631-61	BH-9 (4.0')	Total/NA	Solid	5035	
880-59631-62	BH-9 (5.0')	Total/NA	Solid	5035	
880-59631-63	BH-9 (6.0')	Total/NA	Solid	5035	
MB 880-112846/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-112846/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-112846/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8341-A-5-D MS	Matrix Spike	Total/NA	Solid	5035	
890-8341-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 112851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-36	BH-6 (0-1.0')	Total/NA	Solid	5035	
880-59631-37	BH-6 (2.0')	Total/NA	Solid	5035	
880-59631-38	BH-6 (3.0')	Total/NA	Solid	5035	
880-59631-39	BH-6 (4.0')	Total/NA	Solid	5035	
880-59631-40	BH-6 (5.0')	Total/NA	Solid	5035	
MB 880-112851/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-112851/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-112851/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 112854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-1	BH-1 (0-1.0')	Total/NA	Solid	5035	
880-59631-2	BH-1 (2.0')	Total/NA	Solid	5035	
880-59631-3	BH-1 (3.0')	Total/NA	Solid	5035	
880-59631-4	BH-1 (4.0')	Total/NA	Solid	5035	
880-59631-5	BH-1 (5.0')	Total/NA	Solid	5035	
880-59631-6	BH-1 (6.0')	Total/NA	Solid	5035	
880-59631-7	BH-2 (0-1.0')	Total/NA	Solid	5035	
880-59631-8	BH-2 (2.0')	Total/NA	Solid	5035	
880-59631-9	BH-2 (3.0')	Total/NA	Solid	5035	
880-59631-10	BH-2 (4.0')	Total/NA	Solid	5035	
880-59631-11	BH-2 (5.0')	Total/NA	Solid	5035	
880-59631-12	BH-2 (6.0')	Total/NA	Solid	5035	
880-59631-13	BH-3 (0-1.0')	Total/NA	Solid	5035	
880-59631-14	BH-3 (2.0')	Total/NA	Solid	5035	
880-59631-15	BH-3 (3.0')	Total/NA	Solid	5035	
880-59631-16	BH-3 (4.0')	Total/NA	Solid	5035	
880-59631-17	BH-3 (5.0')	Total/NA	Solid	5035	
880-59631-18	BH-3 (6.0')	Total/NA	Solid	5035	
880-59631-19	BH-3 (7.0')	Total/NA	Solid	5035	
880-59631-20	BH-3 (8.0')	Total/NA	Solid	5035	
MB 880-112854/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-112854/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-112854/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-59631-1 MS	BH-1 (0-1.0')	Total/NA	Solid	5035	
880-59631-1 MSD	BH-1 (0-1.0')	Total/NA	Solid	5035	

Prep Batch: 112885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-41	BH-6 (6.0')	Total/NA	Solid	5035	
880-59631-42	BH-7 (0-1.0')	Total/NA	Solid	5035	
880-59631-43	BH-7 (2.0')	Total/NA	Solid	5035	
880-59631-44	BH-7 (3.0')	Total/NA	Solid	5035	
880-59631-45	BH-7 (4.0')	Total/NA	Solid	5035	
880-59631-46	BH-7 (5.0')	Total/NA	Solid	5035	
880-59631-47	BH-7 (6.0')	Total/NA	Solid	5035	
880-59631-48	BH-7 (7.0')	Total/NA	Solid	5035	
880-59631-49	BH-7 (8.0')	Total/NA	Solid	5035	
880-59631-50	BH-7 (9.0')	Total/NA	Solid	5035	
880-59631-51	BH-7 (10.0')	Total/NA	Solid	5035	
880-59631-52	BH-8 (0-1.0')	Total/NA	Solid	5035	
880-59631-53	BH-8 (2.0')	Total/NA	Solid	5035	
880-59631-54	BH-8 (3.0')	Total/NA	Solid	5035	
880-59631-55	BH-8 (4.0')	Total/NA	Solid	5035	
880-59631-56	BH-8 (5.0')	Total/NA	Solid	5035	
880-59631-57	BH-8 (6.0')	Total/NA	Solid	5035	
880-59631-58	BH-9 (0-1.0')	Total/NA	Solid	5035	
880-59631-59	BH-9 (2.0')	Total/NA	Solid	5035	
880-59631-60	BH-9 (3.0')	Total/NA	Solid	5035	
MB 880-112885/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-112885/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-112885/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

GC VOA (Continued)

Prep Batch: 112885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-41 MS	BH-6 (6.0')	Total/NA	Solid	5035	
880-59631-41 MSD	BH-6 (6.0')	Total/NA	Solid	5035	

Analysis Batch: 112976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-21	BH-4 (0-1.0')	Total/NA	Solid	8021B	112986
880-59631-22	BH-4 (2.0')	Total/NA	Solid	8021B	112986
880-59631-23	BH-4 (3.0')	Total/NA	Solid	8021B	112986
880-59631-24	BH-4 (4.0')	Total/NA	Solid	8021B	112986
880-59631-25	BH-4 (5.0')	Total/NA	Solid	8021B	112986
880-59631-26	BH-4 (6.0')	Total/NA	Solid	8021B	112986
880-59631-27	BH-5 (0-1.0')	Total/NA	Solid	8021B	112986
880-59631-28	BH-5 (2.0')	Total/NA	Solid	8021B	112986
880-59631-29	BH-5 (3.0')	Total/NA	Solid	8021B	112986
880-59631-30	BH-5 (4.0')	Total/NA	Solid	8021B	112986
MB 880-112986/5-A	Method Blank	Total/NA	Solid	8021B	112986
LCS 880-112986/1-A	Lab Control Sample	Total/NA	Solid	8021B	112986
LCSD 880-112986/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	112986
880-59631-21 MS	BH-4 (0-1.0')	Total/NA	Solid	8021B	112986
880-59631-21 MSD	BH-4 (0-1.0')	Total/NA	Solid	8021B	112986

Prep Batch: 112986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-21	BH-4 (0-1.0')	Total/NA	Solid	5035	
880-59631-22	BH-4 (2.0')	Total/NA	Solid	5035	
880-59631-23	BH-4 (3.0')	Total/NA	Solid	5035	
880-59631-24	BH-4 (4.0')	Total/NA	Solid	5035	
880-59631-25	BH-4 (5.0')	Total/NA	Solid	5035	
880-59631-26	BH-4 (6.0')	Total/NA	Solid	5035	
880-59631-27	BH-5 (0-1.0')	Total/NA	Solid	5035	
880-59631-28	BH-5 (2.0')	Total/NA	Solid	5035	
880-59631-29	BH-5 (3.0')	Total/NA	Solid	5035	
880-59631-30	BH-5 (4.0')	Total/NA	Solid	5035	
MB 880-112986/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-112986/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-112986/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-59631-21 MS	BH-4 (0-1.0')	Total/NA	Solid	5035	
880-59631-21 MSD	BH-4 (0-1.0')	Total/NA	Solid	5035	

Analysis Batch: 113008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-1	BH-1 (0-1.0')	Total/NA	Solid	Total BTEX	
880-59631-2	BH-1 (2.0')	Total/NA	Solid	Total BTEX	
880-59631-3	BH-1 (3.0')	Total/NA	Solid	Total BTEX	
880-59631-4	BH-1 (4.0')	Total/NA	Solid	Total BTEX	
880-59631-5	BH-1 (5.0')	Total/NA	Solid	Total BTEX	
880-59631-6	BH-1 (6.0')	Total/NA	Solid	Total BTEX	
880-59631-7	BH-2 (0-1.0')	Total/NA	Solid	Total BTEX	
880-59631-8	BH-2 (2.0')	Total/NA	Solid	Total BTEX	
880-59631-9	BH-2 (3.0')	Total/NA	Solid	Total BTEX	
880-59631-10	BH-2 (4.0')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 113008 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-11	BH-2 (5.0')	Total/NA	Solid	Total BTEX	
880-59631-12	BH-2 (6.0')	Total/NA	Solid	Total BTEX	
880-59631-13	BH-3 (0-1.0')	Total/NA	Solid	Total BTEX	
880-59631-14	BH-3 (2.0')	Total/NA	Solid	Total BTEX	
880-59631-15	BH-3 (3.0')	Total/NA	Solid	Total BTEX	
880-59631-16	BH-3 (4.0')	Total/NA	Solid	Total BTEX	
880-59631-17	BH-3 (5.0')	Total/NA	Solid	Total BTEX	
880-59631-18	BH-3 (6.0')	Total/NA	Solid	Total BTEX	
880-59631-19	BH-3 (7.0')	Total/NA	Solid	Total BTEX	
880-59631-20	BH-3 (8.0')	Total/NA	Solid	Total BTEX	
880-59631-21	BH-4 (0-1.0')	Total/NA	Solid	Total BTEX	
880-59631-22	BH-4 (2.0')	Total/NA	Solid	Total BTEX	
880-59631-23	BH-4 (3.0')	Total/NA	Solid	Total BTEX	
880-59631-24	BH-4 (4.0')	Total/NA	Solid	Total BTEX	
880-59631-25	BH-4 (5.0')	Total/NA	Solid	Total BTEX	
880-59631-26	BH-4 (6.0')	Total/NA	Solid	Total BTEX	
880-59631-27	BH-5 (0-1.0')	Total/NA	Solid	Total BTEX	
880-59631-28	BH-5 (2.0')	Total/NA	Solid	Total BTEX	
880-59631-29	BH-5 (3.0')	Total/NA	Solid	Total BTEX	
880-59631-30	BH-5 (4.0')	Total/NA	Solid	Total BTEX	
880-59631-31	BH-5 (5.0')	Total/NA	Solid	Total BTEX	
880-59631-36	BH-6 (0-1.0')	Total/NA	Solid	Total BTEX	
880-59631-37	BH-6 (2.0')	Total/NA	Solid	Total BTEX	
880-59631-38	BH-6 (3.0')	Total/NA	Solid	Total BTEX	
880-59631-39	BH-6 (4.0')	Total/NA	Solid	Total BTEX	
880-59631-40	BH-6 (5.0')	Total/NA	Solid	Total BTEX	
880-59631-41	BH-6 (6.0')	Total/NA	Solid	Total BTEX	
880-59631-42	BH-7 (0-1.0')	Total/NA	Solid	Total BTEX	
880-59631-43	BH-7 (2.0')	Total/NA	Solid	Total BTEX	
880-59631-44	BH-7 (3.0')	Total/NA	Solid	Total BTEX	
880-59631-45	BH-7 (4.0')	Total/NA	Solid	Total BTEX	
880-59631-46	BH-7 (5.0')	Total/NA	Solid	Total BTEX	
880-59631-47	BH-7 (6.0')	Total/NA	Solid	Total BTEX	
880-59631-48	BH-7 (7.0')	Total/NA	Solid	Total BTEX	
880-59631-49	BH-7 (8.0')	Total/NA	Solid	Total BTEX	
880-59631-50	BH-7 (9.0')	Total/NA	Solid	Total BTEX	
880-59631-51	BH-7 (10.0')	Total/NA	Solid	Total BTEX	
880-59631-52	BH-8 (0-1.0')	Total/NA	Solid	Total BTEX	
880-59631-53	BH-8 (2.0')	Total/NA	Solid	Total BTEX	
880-59631-54	BH-8 (3.0')	Total/NA	Solid	Total BTEX	
880-59631-55	BH-8 (4.0')	Total/NA	Solid	Total BTEX	
880-59631-56	BH-8 (5.0')	Total/NA	Solid	Total BTEX	
880-59631-57	BH-8 (6.0')	Total/NA	Solid	Total BTEX	
880-59631-58	BH-9 (0-1.0')	Total/NA	Solid	Total BTEX	
880-59631-59	BH-9 (2.0')	Total/NA	Solid	Total BTEX	
880-59631-60	BH-9 (3.0')	Total/NA	Solid	Total BTEX	
880-59631-61	BH-9 (4.0')	Total/NA	Solid	Total BTEX	
880-59631-62	BH-9 (5.0')	Total/NA	Solid	Total BTEX	
880-59631-63	BH-9 (6.0')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

GC Semi VOA

Prep Batch: 112845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-1	BH-1 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-59631-2	BH-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-59631-3	BH-1 (3.0')	Total/NA	Solid	8015NM Prep	
880-59631-4	BH-1 (4.0')	Total/NA	Solid	8015NM Prep	
880-59631-5	BH-1 (5.0')	Total/NA	Solid	8015NM Prep	
880-59631-6	BH-1 (6.0')	Total/NA	Solid	8015NM Prep	
880-59631-7	BH-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-59631-8	BH-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-59631-9	BH-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-59631-10	BH-2 (4.0')	Total/NA	Solid	8015NM Prep	
880-59631-11	BH-2 (5.0')	Total/NA	Solid	8015NM Prep	
880-59631-12	BH-2 (6.0')	Total/NA	Solid	8015NM Prep	
880-59631-13	BH-3 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-59631-14	BH-3 (2.0')	Total/NA	Solid	8015NM Prep	
880-59631-15	BH-3 (3.0')	Total/NA	Solid	8015NM Prep	
880-59631-16	BH-3 (4.0')	Total/NA	Solid	8015NM Prep	
MB 880-112845/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-112845/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-112845/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8342-A-4-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8342-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 112887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-17	BH-3 (5.0')	Total/NA	Solid	8015NM Prep	
880-59631-18	BH-3 (6.0')	Total/NA	Solid	8015NM Prep	
880-59631-19	BH-3 (7.0')	Total/NA	Solid	8015NM Prep	
880-59631-20	BH-3 (8.0')	Total/NA	Solid	8015NM Prep	
880-59631-21	BH-4 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-59631-22	BH-4 (2.0')	Total/NA	Solid	8015NM Prep	
880-59631-23	BH-4 (3.0')	Total/NA	Solid	8015NM Prep	
880-59631-24	BH-4 (4.0')	Total/NA	Solid	8015NM Prep	
880-59631-25	BH-4 (5.0')	Total/NA	Solid	8015NM Prep	
880-59631-26	BH-4 (6.0')	Total/NA	Solid	8015NM Prep	
880-59631-27	BH-5 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-59631-28	BH-5 (2.0')	Total/NA	Solid	8015NM Prep	
880-59631-29	BH-5 (3.0')	Total/NA	Solid	8015NM Prep	
880-59631-30	BH-5 (4.0')	Total/NA	Solid	8015NM Prep	
880-59631-31	BH-5 (5.0')	Total/NA	Solid	8015NM Prep	
880-59631-36	BH-6 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-59631-37	BH-6 (2.0')	Total/NA	Solid	8015NM Prep	
880-59631-38	BH-6 (3.0')	Total/NA	Solid	8015NM Prep	
880-59631-39	BH-6 (4.0')	Total/NA	Solid	8015NM Prep	
880-59631-40	BH-6 (5.0')	Total/NA	Solid	8015NM Prep	
MB 880-112887/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-112887/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-112887/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-59631-17 MS	BH-3 (5.0')	Total/NA	Solid	8015NM Prep	
880-59631-17 MSD	BH-3 (5.0')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

GC Semi VOA

Prep Batch: 112935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-41	BH-6 (6.0')	Total/NA	Solid	8015NM Prep	
880-59631-42	BH-7 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-59631-43	BH-7 (2.0')	Total/NA	Solid	8015NM Prep	
880-59631-44	BH-7 (3.0')	Total/NA	Solid	8015NM Prep	
880-59631-45	BH-7 (4.0')	Total/NA	Solid	8015NM Prep	
880-59631-46	BH-7 (5.0')	Total/NA	Solid	8015NM Prep	
880-59631-47	BH-7 (6.0')	Total/NA	Solid	8015NM Prep	
880-59631-48	BH-7 (7.0')	Total/NA	Solid	8015NM Prep	
880-59631-49	BH-7 (8.0')	Total/NA	Solid	8015NM Prep	
880-59631-50	BH-7 (9.0')	Total/NA	Solid	8015NM Prep	
880-59631-51	BH-7 (10.0)	Total/NA	Solid	8015NM Prep	
880-59631-52	BH-8 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-59631-53	BH-8 (2.0')	Total/NA	Solid	8015NM Prep	
880-59631-54	BH-8 (3.0')	Total/NA	Solid	8015NM Prep	
880-59631-55	BH-8 (4.0')	Total/NA	Solid	8015NM Prep	
880-59631-56	BH-8 (5.0')	Total/NA	Solid	8015NM Prep	
880-59631-57	BH-8 (6.0')	Total/NA	Solid	8015NM Prep	
880-59631-58	BH-9 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-59631-59	BH-9 (2.0')	Total/NA	Solid	8015NM Prep	
880-59631-60	BH-9 (3.0')	Total/NA	Solid	8015NM Prep	
MB 880-112935/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-112935/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-112935/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-59631-41 MS	BH-6 (6.0')	Total/NA	Solid	8015NM Prep	
880-59631-41 MSD	BH-6 (6.0')	Total/NA	Solid	8015NM Prep	

Prep Batch: 112943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-61	BH-9 (4.0')	Total/NA	Solid	8015NM Prep	
880-59631-62	BH-9 (5.0')	Total/NA	Solid	8015NM Prep	
880-59631-63	BH-9 (6.0')	Total/NA	Solid	8015NM Prep	
MB 880-112943/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-112943/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-112943/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
820-19526-A-21-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
820-19526-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 113143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-1	BH-1 (0-1.0')	Total/NA	Solid	8015B NM	112845
880-59631-2	BH-1 (2.0')	Total/NA	Solid	8015B NM	112845
880-59631-3	BH-1 (3.0')	Total/NA	Solid	8015B NM	112845
880-59631-4	BH-1 (4.0')	Total/NA	Solid	8015B NM	112845
880-59631-5	BH-1 (5.0')	Total/NA	Solid	8015B NM	112845
880-59631-6	BH-1 (6.0')	Total/NA	Solid	8015B NM	112845
880-59631-7	BH-2 (0-1.0')	Total/NA	Solid	8015B NM	112845
880-59631-8	BH-2 (2.0')	Total/NA	Solid	8015B NM	112845
880-59631-9	BH-2 (3.0')	Total/NA	Solid	8015B NM	112845
880-59631-10	BH-2 (4.0')	Total/NA	Solid	8015B NM	112845
880-59631-11	BH-2 (5.0')	Total/NA	Solid	8015B NM	112845
880-59631-12	BH-2 (6.0')	Total/NA	Solid	8015B NM	112845

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 113143 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-13	BH-3 (0-1.0')	Total/NA	Solid	8015B NM	112845
880-59631-14	BH-3 (2.0')	Total/NA	Solid	8015B NM	112845
880-59631-15	BH-3 (3.0')	Total/NA	Solid	8015B NM	112845
880-59631-16	BH-3 (4.0')	Total/NA	Solid	8015B NM	112845
880-59631-41	BH-6 (6.0')	Total/NA	Solid	8015B NM	112935
880-59631-42	BH-7 (0-1.0')	Total/NA	Solid	8015B NM	112935
880-59631-43	BH-7 (2.0')	Total/NA	Solid	8015B NM	112935
880-59631-44	BH-7 (3.0')	Total/NA	Solid	8015B NM	112935
880-59631-45	BH-7 (4.0')	Total/NA	Solid	8015B NM	112935
880-59631-46	BH-7 (5.0')	Total/NA	Solid	8015B NM	112935
880-59631-47	BH-7 (6.0')	Total/NA	Solid	8015B NM	112935
880-59631-48	BH-7 (7.0')	Total/NA	Solid	8015B NM	112935
880-59631-49	BH-7 (8.0')	Total/NA	Solid	8015B NM	112935
880-59631-50	BH-7 (9.0')	Total/NA	Solid	8015B NM	112935
880-59631-51	BH-7 (10.0)	Total/NA	Solid	8015B NM	112935
880-59631-52	BH-8 (0-1.0')	Total/NA	Solid	8015B NM	112935
880-59631-53	BH-8 (2.0')	Total/NA	Solid	8015B NM	112935
880-59631-54	BH-8 (3.0')	Total/NA	Solid	8015B NM	112935
880-59631-55	BH-8 (4.0')	Total/NA	Solid	8015B NM	112935
880-59631-56	BH-8 (5.0')	Total/NA	Solid	8015B NM	112935
880-59631-57	BH-8 (6.0')	Total/NA	Solid	8015B NM	112935
880-59631-58	BH-9 (0-1.0')	Total/NA	Solid	8015B NM	112935
880-59631-59	BH-9 (2.0')	Total/NA	Solid	8015B NM	112935
880-59631-60	BH-9 (3.0')	Total/NA	Solid	8015B NM	112935
MB 880-112845/1-A	Method Blank	Total/NA	Solid	8015B NM	112845
MB 880-112935/1-A	Method Blank	Total/NA	Solid	8015B NM	112935
LCS 880-112845/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	112845
LCS 880-112935/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	112935
LCSD 880-112845/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	112845
LCSD 880-112935/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	112935
880-59631-41 MS	BH-6 (6.0')	Total/NA	Solid	8015B NM	112935
880-59631-41 MSD	BH-6 (6.0')	Total/NA	Solid	8015B NM	112935
890-8342-A-4-B MS	Matrix Spike	Total/NA	Solid	8015B NM	112845
890-8342-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	112845

Analysis Batch: 113145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-17	BH-3 (5.0')	Total/NA	Solid	8015B NM	112887
880-59631-18	BH-3 (6.0')	Total/NA	Solid	8015B NM	112887
880-59631-19	BH-3 (7.0')	Total/NA	Solid	8015B NM	112887
880-59631-20	BH-3 (8.0')	Total/NA	Solid	8015B NM	112887
880-59631-21	BH-4 (0-1.0')	Total/NA	Solid	8015B NM	112887
880-59631-22	BH-4 (2.0')	Total/NA	Solid	8015B NM	112887
880-59631-23	BH-4 (3.0')	Total/NA	Solid	8015B NM	112887
880-59631-24	BH-4 (4.0')	Total/NA	Solid	8015B NM	112887
880-59631-25	BH-4 (5.0')	Total/NA	Solid	8015B NM	112887
880-59631-26	BH-4 (6.0')	Total/NA	Solid	8015B NM	112887
880-59631-27	BH-5 (0-1.0')	Total/NA	Solid	8015B NM	112887
880-59631-28	BH-5 (2.0')	Total/NA	Solid	8015B NM	112887
880-59631-29	BH-5 (3.0')	Total/NA	Solid	8015B NM	112887
880-59631-30	BH-5 (4.0')	Total/NA	Solid	8015B NM	112887

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 113145 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-31	BH-5 (5.0')	Total/NA	Solid	8015B NM	112887
880-59631-36	BH-6 (0-1.0')	Total/NA	Solid	8015B NM	112887
880-59631-37	BH-6 (2.0')	Total/NA	Solid	8015B NM	112887
880-59631-38	BH-6 (3.0')	Total/NA	Solid	8015B NM	112887
880-59631-39	BH-6 (4.0')	Total/NA	Solid	8015B NM	112887
880-59631-40	BH-6 (5.0')	Total/NA	Solid	8015B NM	112887
MB 880-112887/1-A	Method Blank	Total/NA	Solid	8015B NM	112887
LCS 880-112887/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	112887
LCSD 880-112887/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	112887
880-59631-17 MS	BH-3 (5.0')	Total/NA	Solid	8015B NM	112887
880-59631-17 MSD	BH-3 (5.0')	Total/NA	Solid	8015B NM	112887

Analysis Batch: 113202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-1	BH-1 (0-1.0')	Total/NA	Solid	8015 NM	
880-59631-2	BH-1 (2.0')	Total/NA	Solid	8015 NM	
880-59631-3	BH-1 (3.0')	Total/NA	Solid	8015 NM	
880-59631-4	BH-1 (4.0')	Total/NA	Solid	8015 NM	
880-59631-5	BH-1 (5.0')	Total/NA	Solid	8015 NM	
880-59631-6	BH-1 (6.0')	Total/NA	Solid	8015 NM	
880-59631-7	BH-2 (0-1.0')	Total/NA	Solid	8015 NM	
880-59631-8	BH-2 (2.0')	Total/NA	Solid	8015 NM	
880-59631-9	BH-2 (3.0')	Total/NA	Solid	8015 NM	
880-59631-10	BH-2 (4.0')	Total/NA	Solid	8015 NM	
880-59631-11	BH-2 (5.0')	Total/NA	Solid	8015 NM	
880-59631-12	BH-2 (6.0')	Total/NA	Solid	8015 NM	
880-59631-13	BH-3 (0-1.0')	Total/NA	Solid	8015 NM	
880-59631-14	BH-3 (2.0')	Total/NA	Solid	8015 NM	
880-59631-15	BH-3 (3.0')	Total/NA	Solid	8015 NM	
880-59631-16	BH-3 (4.0')	Total/NA	Solid	8015 NM	
880-59631-17	BH-3 (5.0')	Total/NA	Solid	8015 NM	
880-59631-18	BH-3 (6.0')	Total/NA	Solid	8015 NM	
880-59631-19	BH-3 (7.0')	Total/NA	Solid	8015 NM	
880-59631-20	BH-3 (8.0')	Total/NA	Solid	8015 NM	
880-59631-21	BH-4 (0-1.0')	Total/NA	Solid	8015 NM	
880-59631-22	BH-4 (2.0')	Total/NA	Solid	8015 NM	
880-59631-23	BH-4 (3.0')	Total/NA	Solid	8015 NM	
880-59631-24	BH-4 (4.0')	Total/NA	Solid	8015 NM	
880-59631-25	BH-4 (5.0')	Total/NA	Solid	8015 NM	
880-59631-26	BH-4 (6.0')	Total/NA	Solid	8015 NM	
880-59631-27	BH-5 (0-1.0')	Total/NA	Solid	8015 NM	
880-59631-28	BH-5 (2.0')	Total/NA	Solid	8015 NM	
880-59631-29	BH-5 (3.0')	Total/NA	Solid	8015 NM	
880-59631-30	BH-5 (4.0')	Total/NA	Solid	8015 NM	
880-59631-31	BH-5 (5.0')	Total/NA	Solid	8015 NM	
880-59631-36	BH-6 (0-1.0')	Total/NA	Solid	8015 NM	
880-59631-37	BH-6 (2.0')	Total/NA	Solid	8015 NM	
880-59631-38	BH-6 (3.0')	Total/NA	Solid	8015 NM	
880-59631-39	BH-6 (4.0')	Total/NA	Solid	8015 NM	
880-59631-40	BH-6 (5.0')	Total/NA	Solid	8015 NM	
880-59631-41	BH-6 (6.0')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 113202 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-42	BH-7 (0-1.0')	Total/NA	Solid	8015 NM	
880-59631-43	BH-7 (2.0')	Total/NA	Solid	8015 NM	
880-59631-44	BH-7 (3.0')	Total/NA	Solid	8015 NM	
880-59631-45	BH-7 (4.0')	Total/NA	Solid	8015 NM	
880-59631-46	BH-7 (5.0')	Total/NA	Solid	8015 NM	
880-59631-47	BH-7 (6.0')	Total/NA	Solid	8015 NM	
880-59631-48	BH-7 (7.0')	Total/NA	Solid	8015 NM	
880-59631-49	BH-7 (8.0')	Total/NA	Solid	8015 NM	
880-59631-50	BH-7 (9.0')	Total/NA	Solid	8015 NM	
880-59631-51	BH-7 (10.0)	Total/NA	Solid	8015 NM	
880-59631-52	BH-8 (0-1.0')	Total/NA	Solid	8015 NM	
880-59631-53	BH-8 (2.0')	Total/NA	Solid	8015 NM	
880-59631-54	BH-8 (3.0')	Total/NA	Solid	8015 NM	
880-59631-55	BH-8 (4.0')	Total/NA	Solid	8015 NM	
880-59631-56	BH-8 (5.0')	Total/NA	Solid	8015 NM	
880-59631-57	BH-8 (6.0')	Total/NA	Solid	8015 NM	
880-59631-58	BH-9 (0-1.0')	Total/NA	Solid	8015 NM	
880-59631-59	BH-9 (2.0')	Total/NA	Solid	8015 NM	
880-59631-60	BH-9 (3.0')	Total/NA	Solid	8015 NM	
880-59631-61	BH-9 (4.0')	Total/NA	Solid	8015 NM	
880-59631-62	BH-9 (5.0')	Total/NA	Solid	8015 NM	
880-59631-63	BH-9 (6.0')	Total/NA	Solid	8015 NM	

Analysis Batch: 113218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-61	BH-9 (4.0')	Total/NA	Solid	8015B NM	112943
880-59631-62	BH-9 (5.0')	Total/NA	Solid	8015B NM	112943
880-59631-63	BH-9 (6.0')	Total/NA	Solid	8015B NM	112943
MB 880-112943/1-A	Method Blank	Total/NA	Solid	8015B NM	112943
LCS 880-112943/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	112943
LCSD 880-112943/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	112943
820-19526-A-21-C MS	Matrix Spike	Total/NA	Solid	8015B NM	112943
820-19526-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	112943

HPLC/IC

Leach Batch: 112927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-21	BH-4 (0-1.0')	Soluble	Solid	DI Leach	
880-59631-22	BH-4 (2.0')	Soluble	Solid	DI Leach	
880-59631-23	BH-4 (3.0')	Soluble	Solid	DI Leach	
880-59631-24	BH-4 (4.0')	Soluble	Solid	DI Leach	
880-59631-25	BH-4 (5.0')	Soluble	Solid	DI Leach	
880-59631-26	BH-4 (6.0')	Soluble	Solid	DI Leach	
880-59631-27	BH-5 (0-1.0')	Soluble	Solid	DI Leach	
880-59631-28	BH-5 (2.0')	Soluble	Solid	DI Leach	
880-59631-29	BH-5 (3.0')	Soluble	Solid	DI Leach	
880-59631-30	BH-5 (4.0')	Soluble	Solid	DI Leach	
880-59631-31	BH-5 (5.0')	Soluble	Solid	DI Leach	
880-59631-36	BH-6 (0-1.0')	Soluble	Solid	DI Leach	
880-59631-37	BH-6 (2.0')	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 112927 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-38	BH-6 (3.0')	Soluble	Solid	DI Leach	
880-59631-39	BH-6 (4.0')	Soluble	Solid	DI Leach	
880-59631-40	BH-6 (5.0')	Soluble	Solid	DI Leach	
880-59631-41	BH-6 (6.0')	Soluble	Solid	DI Leach	
880-59631-42	BH-7 (0-1.0')	Soluble	Solid	DI Leach	
880-59631-43	BH-7 (2.0')	Soluble	Solid	DI Leach	
880-59631-44	BH-7 (3.0')	Soluble	Solid	DI Leach	
MB 880-112927/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-112927/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-112927/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-59631-21 MS	BH-4 (0-1.0')	Soluble	Solid	DI Leach	
880-59631-21 MSD	BH-4 (0-1.0')	Soluble	Solid	DI Leach	
880-59631-31 MS	BH-5 (5.0')	Soluble	Solid	DI Leach	
880-59631-31 MSD	BH-5 (5.0')	Soluble	Solid	DI Leach	

Leach Batch: 112928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-45	BH-7 (4.0')	Soluble	Solid	DI Leach	
880-59631-46	BH-7 (5.0')	Soluble	Solid	DI Leach	
880-59631-47	BH-7 (6.0')	Soluble	Solid	DI Leach	
880-59631-48	BH-7 (7.0')	Soluble	Solid	DI Leach	
880-59631-49	BH-7 (8.0')	Soluble	Solid	DI Leach	
880-59631-50	BH-7 (9.0')	Soluble	Solid	DI Leach	
880-59631-51	BH-7 (10.0)	Soluble	Solid	DI Leach	
880-59631-52	BH-8 (0-1.0')	Soluble	Solid	DI Leach	
880-59631-53	BH-8 (2.0')	Soluble	Solid	DI Leach	
880-59631-54	BH-8 (3.0')	Soluble	Solid	DI Leach	
880-59631-55	BH-8 (4.0')	Soluble	Solid	DI Leach	
880-59631-56	BH-8 (5.0')	Soluble	Solid	DI Leach	
880-59631-57	BH-8 (6.0')	Soluble	Solid	DI Leach	
880-59631-58	BH-9 (0-1.0')	Soluble	Solid	DI Leach	
880-59631-59	BH-9 (2.0')	Soluble	Solid	DI Leach	
880-59631-60	BH-9 (3.0')	Soluble	Solid	DI Leach	
880-59631-61	BH-9 (4.0')	Soluble	Solid	DI Leach	
880-59631-62	BH-9 (5.0')	Soluble	Solid	DI Leach	
880-59631-63	BH-9 (6.0')	Soluble	Solid	DI Leach	
MB 880-112928/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-112928/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-112928/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-59631-45 MS	BH-7 (4.0')	Soluble	Solid	DI Leach	
880-59631-45 MSD	BH-7 (4.0')	Soluble	Solid	DI Leach	
880-59631-55 MS	BH-8 (4.0')	Soluble	Solid	DI Leach	
880-59631-55 MSD	BH-8 (4.0')	Soluble	Solid	DI Leach	

Leach Batch: 112950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-1	BH-1 (0-1.0')	Soluble	Solid	DI Leach	
880-59631-2	BH-1 (2.0')	Soluble	Solid	DI Leach	
880-59631-3	BH-1 (3.0')	Soluble	Solid	DI Leach	
880-59631-4	BH-1 (4.0')	Soluble	Solid	DI Leach	
880-59631-5	BH-1 (5.0')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 112950 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-6	BH-1 (6.0')	Soluble	Solid	DI Leach	
880-59631-7	BH-2 (0-1.0')	Soluble	Solid	DI Leach	
880-59631-8	BH-2 (2.0')	Soluble	Solid	DI Leach	
880-59631-9	BH-2 (3.0')	Soluble	Solid	DI Leach	
880-59631-10	BH-2 (4.0')	Soluble	Solid	DI Leach	
880-59631-11	BH-2 (5.0')	Soluble	Solid	DI Leach	
880-59631-12	BH-2 (6.0')	Soluble	Solid	DI Leach	
880-59631-13	BH-3 (0-1.0')	Soluble	Solid	DI Leach	
880-59631-14	BH-3 (2.0')	Soluble	Solid	DI Leach	
880-59631-15	BH-3 (3.0')	Soluble	Solid	DI Leach	
880-59631-16	BH-3 (4.0')	Soluble	Solid	DI Leach	
880-59631-17	BH-3 (5.0')	Soluble	Solid	DI Leach	
880-59631-18	BH-3 (6.0')	Soluble	Solid	DI Leach	
880-59631-19	BH-3 (7.0')	Soluble	Solid	DI Leach	
880-59631-20	BH-3 (8.0')	Soluble	Solid	DI Leach	
MB 880-112950/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-112950/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-112950/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-59631-1 MS	BH-1 (0-1.0')	Soluble	Solid	DI Leach	
880-59631-1 MSD	BH-1 (0-1.0')	Soluble	Solid	DI Leach	
880-59631-11 MS	BH-2 (5.0')	Soluble	Solid	DI Leach	
880-59631-11 MSD	BH-2 (5.0')	Soluble	Solid	DI Leach	

Analysis Batch: 113010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-1	BH-1 (0-1.0')	Soluble	Solid	300.0	112950
880-59631-2	BH-1 (2.0')	Soluble	Solid	300.0	112950
880-59631-3	BH-1 (3.0')	Soluble	Solid	300.0	112950
880-59631-4	BH-1 (4.0')	Soluble	Solid	300.0	112950
880-59631-5	BH-1 (5.0')	Soluble	Solid	300.0	112950
880-59631-6	BH-1 (6.0')	Soluble	Solid	300.0	112950
880-59631-7	BH-2 (0-1.0')	Soluble	Solid	300.0	112950
880-59631-8	BH-2 (2.0')	Soluble	Solid	300.0	112950
880-59631-9	BH-2 (3.0')	Soluble	Solid	300.0	112950
880-59631-10	BH-2 (4.0')	Soluble	Solid	300.0	112950
880-59631-11	BH-2 (5.0')	Soluble	Solid	300.0	112950
880-59631-12	BH-2 (6.0')	Soluble	Solid	300.0	112950
880-59631-13	BH-3 (0-1.0')	Soluble	Solid	300.0	112950
880-59631-14	BH-3 (2.0')	Soluble	Solid	300.0	112950
880-59631-15	BH-3 (3.0')	Soluble	Solid	300.0	112950
880-59631-16	BH-3 (4.0')	Soluble	Solid	300.0	112950
880-59631-17	BH-3 (5.0')	Soluble	Solid	300.0	112950
880-59631-18	BH-3 (6.0')	Soluble	Solid	300.0	112950
880-59631-19	BH-3 (7.0')	Soluble	Solid	300.0	112950
880-59631-20	BH-3 (8.0')	Soluble	Solid	300.0	112950
MB 880-112950/1-A	Method Blank	Soluble	Solid	300.0	112950
LCS 880-112950/2-A	Lab Control Sample	Soluble	Solid	300.0	112950
LCSD 880-112950/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	112950
880-59631-1 MS	BH-1 (0-1.0')	Soluble	Solid	300.0	112950
880-59631-1 MSD	BH-1 (0-1.0')	Soluble	Solid	300.0	112950
880-59631-11 MS	BH-2 (5.0')	Soluble	Solid	300.0	112950

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 113010 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-11 MSD	BH-2 (5.0')	Soluble	Solid	300.0	112950

Analysis Batch: 113012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-21	BH-4 (0-1.0')	Soluble	Solid	300.0	112927
880-59631-22	BH-4 (2.0')	Soluble	Solid	300.0	112927
880-59631-23	BH-4 (3.0')	Soluble	Solid	300.0	112927
880-59631-24	BH-4 (4.0')	Soluble	Solid	300.0	112927
880-59631-25	BH-4 (5.0')	Soluble	Solid	300.0	112927
880-59631-26	BH-4 (6.0')	Soluble	Solid	300.0	112927
880-59631-27	BH-5 (0-1.0')	Soluble	Solid	300.0	112927
880-59631-28	BH-5 (2.0')	Soluble	Solid	300.0	112927
880-59631-29	BH-5 (3.0')	Soluble	Solid	300.0	112927
880-59631-30	BH-5 (4.0')	Soluble	Solid	300.0	112927
880-59631-31	BH-5 (5.0')	Soluble	Solid	300.0	112927
880-59631-36	BH-6 (0-1.0')	Soluble	Solid	300.0	112927
880-59631-37	BH-6 (2.0')	Soluble	Solid	300.0	112927
880-59631-38	BH-6 (3.0')	Soluble	Solid	300.0	112927
880-59631-39	BH-6 (4.0')	Soluble	Solid	300.0	112927
880-59631-40	BH-6 (5.0')	Soluble	Solid	300.0	112927
880-59631-41	BH-6 (6.0')	Soluble	Solid	300.0	112927
880-59631-42	BH-7 (0-1.0')	Soluble	Solid	300.0	112927
880-59631-43	BH-7 (2.0')	Soluble	Solid	300.0	112927
880-59631-44	BH-7 (3.0')	Soluble	Solid	300.0	112927
MB 880-112927/1-A	Method Blank	Soluble	Solid	300.0	112927
LCS 880-112927/2-A	Lab Control Sample	Soluble	Solid	300.0	112927
LCSD 880-112927/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	112927
880-59631-21 MS	BH-4 (0-1.0')	Soluble	Solid	300.0	112927
880-59631-21 MSD	BH-4 (0-1.0')	Soluble	Solid	300.0	112927
880-59631-31 MS	BH-5 (5.0')	Soluble	Solid	300.0	112927
880-59631-31 MSD	BH-5 (5.0')	Soluble	Solid	300.0	112927

Analysis Batch: 113024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-45	BH-7 (4.0')	Soluble	Solid	300.0	112928
880-59631-46	BH-7 (5.0')	Soluble	Solid	300.0	112928
880-59631-47	BH-7 (6.0')	Soluble	Solid	300.0	112928
880-59631-48	BH-7 (7.0')	Soluble	Solid	300.0	112928
880-59631-49	BH-7 (8.0')	Soluble	Solid	300.0	112928
880-59631-50	BH-7 (9.0')	Soluble	Solid	300.0	112928
880-59631-51	BH-7 (10.0)	Soluble	Solid	300.0	112928
880-59631-52	BH-8 (0-1.0')	Soluble	Solid	300.0	112928
880-59631-53	BH-8 (2.0')	Soluble	Solid	300.0	112928
880-59631-54	BH-8 (3.0')	Soluble	Solid	300.0	112928
880-59631-55	BH-8 (4.0')	Soluble	Solid	300.0	112928
880-59631-56	BH-8 (5.0')	Soluble	Solid	300.0	112928
880-59631-57	BH-8 (6.0')	Soluble	Solid	300.0	112928
880-59631-58	BH-9 (0-1.0')	Soluble	Solid	300.0	112928
880-59631-59	BH-9 (2.0')	Soluble	Solid	300.0	112928
880-59631-60	BH-9 (3.0')	Soluble	Solid	300.0	112928
880-59631-61	BH-9 (4.0')	Soluble	Solid	300.0	112928

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 113024 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59631-62	BH-9 (5.0')	Soluble	Solid	300.0	112928
880-59631-63	BH-9 (6.0')	Soluble	Solid	300.0	112928
MB 880-112928/1-A	Method Blank	Soluble	Solid	300.0	112928
LCS 880-112928/2-A	Lab Control Sample	Soluble	Solid	300.0	112928
LCSD 880-112928/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	112928
880-59631-45 MS	BH-7 (4.0')	Soluble	Solid	300.0	112928
880-59631-45 MSD	BH-7 (4.0')	Soluble	Solid	300.0	112928
880-59631-55 MS	BH-8 (4.0')	Soluble	Solid	300.0	112928
880-59631-55 MSD	BH-8 (4.0')	Soluble	Solid	300.0	112928

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-1 (0-1.0')

Lab Sample ID: 880-59631-1

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/24/25 22:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/24/25 22:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 21:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	112845	06/24/25 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 21:36	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		5			113010	06/25/25 17:27	CS	EET MID

Client Sample ID: BH-1 (2.0')

Lab Sample ID: 880-59631-2

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/24/25 23:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/24/25 23:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 21:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	112845	06/24/25 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 21:50	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		5			113010	06/25/25 17:49	CS	EET MID

Client Sample ID: BH-1 (3.0')

Lab Sample ID: 880-59631-3

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/24/25 23:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/24/25 23:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 22:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	112845	06/24/25 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 22:06	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		5			113010	06/25/25 17:56	CS	EET MID

Client Sample ID: BH-1 (4.0')

Lab Sample ID: 880-59631-4

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/24/25 23:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/24/25 23:42	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-1 (4.0')

Lab Sample ID: 880-59631-4

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			113202	06/26/25 22:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	112845	06/24/25 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 22:21	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		1			113010	06/25/25 18:03	CS	EET MID

Client Sample ID: BH-1 (5.0')

Lab Sample ID: 880-59631-5

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/25/25 00:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 00:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 22:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	112845	06/24/25 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 22:37	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		1			113010	06/25/25 18:10	CS	EET MID

Client Sample ID: BH-1 (6.0')

Lab Sample ID: 880-59631-6

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/25/25 00:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 00:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 22:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	112845	06/24/25 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 22:52	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		1			113010	06/25/25 18:32	CS	EET MID

Client Sample ID: BH-2 (0-1.0')

Lab Sample ID: 880-59631-7

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/25/25 00:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 00:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 23:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	112845	06/24/25 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 23:22	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-2 (0-1.0')

Lab Sample ID: 880-59631-7

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		1			113010	06/25/25 18:39	CS	EET MID

Client Sample ID: BH-2 (2.0')

Lab Sample ID: 880-59631-8

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/25/25 01:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 01:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 23:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	112845	06/24/25 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 23:39	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		5			113010	06/25/25 18:46	CS	EET MID

Client Sample ID: BH-2 (3.0')

Lab Sample ID: 880-59631-9

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/25/25 01:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 01:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 23:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	112845	06/24/25 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 23:53	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		10			113010	06/25/25 18:54	CS	EET MID

Client Sample ID: BH-2 (4.0')

Lab Sample ID: 880-59631-10

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/25/25 01:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 01:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/27/25 00:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	112845	06/24/25 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/27/25 00:09	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		1			113010	06/25/25 19:01	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-2 (5.0')

Lab Sample ID: 880-59631-11

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/25/25 03:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 03:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/27/25 00:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	112845	06/24/25 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/27/25 00:24	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		5			113010	06/25/25 19:08	CS	EET MID

Client Sample ID: BH-2 (6.0')

Lab Sample ID: 880-59631-12

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/25/25 03:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 03:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/27/25 00:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	112845	06/24/25 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/27/25 00:39	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		5			113010	06/25/25 19:30	CS	EET MID

Client Sample ID: BH-3 (0-1.0')

Lab Sample ID: 880-59631-13

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/25/25 04:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 04:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/27/25 00:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	112845	06/24/25 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/27/25 00:54	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		5			113010	06/25/25 19:37	CS	EET MID

Client Sample ID: BH-3 (2.0')

Lab Sample ID: 880-59631-14

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/25/25 04:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 04:21	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-3 (2.0')

Lab Sample ID: 880-59631-14

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			113202	06/27/25 01:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	112845	06/24/25 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/27/25 01:09	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		5			113010	06/25/25 19:58	CS	EET MID

Client Sample ID: BH-3 (3.0')

Lab Sample ID: 880-59631-15

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/25/25 04:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 04:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/27/25 01:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	112845	06/24/25 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/27/25 01:24	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		5			113010	06/25/25 20:05	CS	EET MID

Client Sample ID: BH-3 (4.0')

Lab Sample ID: 880-59631-16

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/25/25 05:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 05:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/27/25 01:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	112845	06/24/25 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/27/25 01:38	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		5			113010	06/25/25 20:13	CS	EET MID

Client Sample ID: BH-3 (5.0')

Lab Sample ID: 880-59631-17

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/25/25 05:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 05:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 20:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/26/25 20:02	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-3 (5.0')

Date Collected: 06/23/25 00:00

Date Received: 06/24/25 08:54

Lab Sample ID: 880-59631-17

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	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		5			113010	06/25/25 20:20	CS	EET MID

Client Sample ID: BH-3 (6.0')

Date Collected: 06/23/25 00:00

Date Received: 06/24/25 08:54

Lab Sample ID: 880-59631-18

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			4.97 g	5 mL	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/25/25 05:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 05:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 20:48	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/26/25 20:48	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		10			113010	06/25/25 20:27	CS	EET MID

Client Sample ID: BH-3 (7.0')

Date Collected: 06/23/25 00:00

Date Received: 06/24/25 08:54

Lab Sample ID: 880-59631-19

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			4.99 g	5 mL	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/25/25 06:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 06:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 21:05	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/26/25 21:05	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		10			113010	06/25/25 20:34	CS	EET MID

Client Sample ID: BH-3 (8.0')

Date Collected: 06/23/25 00:00

Date Received: 06/24/25 08:54

Lab Sample ID: 880-59631-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	112854	06/24/25 08:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112839	06/25/25 06:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 06:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 21:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/26/25 21:19	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	112950	06/24/25 16:00	SMC	EET MID
Soluble	Analysis	300.0		10			113010	06/25/25 20:41	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-4 (0-1.0')

Lab Sample ID: 880-59631-21

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112986	06/25/25 09:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112976	06/25/25 11:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 11:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 21:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/26/25 21:36	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		10			113012	06/25/25 19:37	CS	EET MID

Client Sample ID: BH-4 (2.0')

Lab Sample ID: 880-59631-22

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112986	06/25/25 09:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112976	06/25/25 12:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 12:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 21:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/26/25 21:50	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		10			113012	06/25/25 19:54	CS	EET MID

Client Sample ID: BH-4 (3.0')

Lab Sample ID: 880-59631-23

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112986	06/25/25 09:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112976	06/25/25 12:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 12:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 22:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/26/25 22:06	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		10			113012	06/25/25 20:00	CS	EET MID

Client Sample ID: BH-4 (4.0')

Lab Sample ID: 880-59631-24

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	112986	06/25/25 09:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112976	06/25/25 12:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 12:45	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-4 (4.0')

Lab Sample ID: 880-59631-24

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			113202	06/26/25 22:21	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/26/25 22:21	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		5			113012	06/25/25 20:05	CS	EET MID

Client Sample ID: BH-4 (5.0')

Lab Sample ID: 880-59631-25

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112986	06/25/25 09:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112976	06/25/25 13:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 13:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 22:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/26/25 22:37	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		5			113012	06/25/25 20:11	CS	EET MID

Client Sample ID: BH-4 (6.0')

Lab Sample ID: 880-59631-26

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112986	06/25/25 09:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112976	06/25/25 13:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 13:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 22:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/26/25 22:52	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		5			113012	06/25/25 20:28	CS	EET MID

Client Sample ID: BH-5 (0-1.0')

Lab Sample ID: 880-59631-27

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112986	06/25/25 09:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112976	06/25/25 13:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 13:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 23:22	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/26/25 23:22	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-5 (0-1.0')**Lab Sample ID: 880-59631-27****Date Collected: 06/23/25 00:00****Matrix: Solid****Date Received: 06/24/25 08:54**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		5			113012	06/25/25 20:34	CS	EET MID

Client Sample ID: BH-5 (2.0')**Lab Sample ID: 880-59631-28****Date Collected: 06/23/25 00:00****Matrix: Solid****Date Received: 06/24/25 08:54**

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	112986	06/25/25 09:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112976	06/25/25 14:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 14:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 23:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/26/25 23:39	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		10			113012	06/25/25 20:39	CS	EET MID

Client Sample ID: BH-5 (3.0')**Lab Sample ID: 880-59631-29****Date Collected: 06/23/25 00:00****Matrix: Solid****Date Received: 06/24/25 08:54**

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	112986	06/25/25 09:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112976	06/25/25 14:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 14:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 23:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/26/25 23:53	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		10			113012	06/25/25 20:45	CS	EET MID

Client Sample ID: BH-5 (4.0')**Lab Sample ID: 880-59631-30****Date Collected: 06/23/25 00:00****Matrix: Solid****Date Received: 06/24/25 08:54**

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	112986	06/25/25 09:14	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112976	06/25/25 14:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 14:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/27/25 00:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/27/25 00:09	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		10			113012	06/25/25 20:51	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-5 (5.0')**Lab Sample ID: 880-59631-31****Date Collected: 06/23/25 00:00****Matrix: Solid****Date Received: 06/24/25 08:54**

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	112846	06/24/25 11:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112841	06/24/25 17:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/24/25 17:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/27/25 00:24	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/27/25 00:24	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		5			113012	06/25/25 20:56	CS	EET MID

Client Sample ID: BH-6 (0-1.0')**Lab Sample ID: 880-59631-36****Date Collected: 06/23/25 00:00****Matrix: Solid****Date Received: 06/24/25 08:54**

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	112851	06/24/25 11:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/24/25 18:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/24/25 18:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/27/25 00:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/27/25 00:39	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		1			113012	06/25/25 21:13	CS	EET MID

Client Sample ID: BH-6 (2.0')**Lab Sample ID: 880-59631-37****Date Collected: 06/23/25 00:00****Matrix: Solid****Date Received: 06/24/25 08:54**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	112851	06/24/25 11:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/24/25 18:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/24/25 18:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/27/25 00:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/27/25 00:54	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		5			113012	06/25/25 21:19	CS	EET MID

Client Sample ID: BH-6 (3.0')**Lab Sample ID: 880-59631-38****Date Collected: 06/23/25 00:00****Matrix: Solid****Date Received: 06/24/25 08:54**

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	112851	06/24/25 11:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/24/25 18:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/24/25 18:44	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-6 (3.0')

Lab Sample ID: 880-59631-38

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			113202	06/27/25 01:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/27/25 01:09	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		10			113012	06/25/25 21:36	CS	EET MID

Client Sample ID: BH-6 (4.0')

Lab Sample ID: 880-59631-39

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	112851	06/24/25 11:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/24/25 19:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/24/25 19:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/27/25 01:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/27/25 01:24	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		20			113012	06/25/25 21:42	CS	EET MID

Client Sample ID: BH-6 (5.0')

Lab Sample ID: 880-59631-40

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112851	06/24/25 11:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/24/25 19:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/24/25 19:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/27/25 01:38	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	112887	06/24/25 12:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113145	06/27/25 01:38	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		10			113012	06/25/25 21:47	CS	EET MID

Client Sample ID: BH-6 (6.0')

Lab Sample ID: 880-59631-41

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/24/25 22:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/24/25 22:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 12:27	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 12:27	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-6 (6.0')**Lab Sample ID: 880-59631-41****Date Collected: 06/23/25 00:00****Matrix: Solid****Date Received: 06/24/25 08:54**

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	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		10			113012	06/25/25 21:53	CS	EET MID

Client Sample ID: BH-7 (0-1.0')**Lab Sample ID: 880-59631-42****Date Collected: 06/23/25 00:00****Matrix: Solid****Date Received: 06/24/25 08:54**

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	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/24/25 23:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/24/25 23:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 13:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 13:12	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		5			113012	06/25/25 21:59	CS	EET MID

Client Sample ID: BH-7 (2.0')**Lab Sample ID: 880-59631-43****Date Collected: 06/23/25 00:00****Matrix: Solid****Date Received: 06/24/25 08:54**

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	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/24/25 23:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/24/25 23:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 13:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 13:27	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		1			113012	06/25/25 22:05	CS	EET MID

Client Sample ID: BH-7 (3.0')**Lab Sample ID: 880-59631-44****Date Collected: 06/23/25 00:00****Matrix: Solid****Date Received: 06/24/25 08:54**

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	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/24/25 23:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/24/25 23:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 13:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 13:42	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	112927	06/24/25 14:44	SMC	EET MID
Soluble	Analysis	300.0		1			113012	06/25/25 22:10	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-7 (4.0')

Lab Sample ID: 880-59631-45

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/25/25 00:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 00:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 13:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 13:58	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		1			113024	06/25/25 21:39	CS	EET MID

Client Sample ID: BH-7 (5.0')

Lab Sample ID: 880-59631-46

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/25/25 00:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 00:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 14:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 14:13	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		5			113024	06/25/25 22:01	CS	EET MID

Client Sample ID: BH-7 (6.0')

Lab Sample ID: 880-59631-47

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/25/25 00:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 00:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 14:28	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 14:28	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		5			113024	06/25/25 22:08	CS	EET MID

Client Sample ID: BH-7 (7.0')

Lab Sample ID: 880-59631-48

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/25/25 01:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 01:03	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-7 (7.0')

Lab Sample ID: 880-59631-48

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			113202	06/26/25 14:43	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 14:43	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		10			113024	06/25/25 22:15	CS	EET MID

Client Sample ID: BH-7 (8.0')

Lab Sample ID: 880-59631-49

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/25/25 01:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 01:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 14:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 14:58	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		10			113024	06/25/25 22:22	CS	EET MID

Client Sample ID: BH-7 (9.0')

Lab Sample ID: 880-59631-50

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/25/25 01:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 01:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 15:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 15:13	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		10			113024	06/25/25 22:44	CS	EET MID

Client Sample ID: BH-7 (10.0)

Lab Sample ID: 880-59631-51

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/25/25 03:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 03:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 15:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 15:44	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-7 (10.0)

Date Collected: 06/23/25 00:00

Date Received: 06/24/25 08:54

Lab Sample ID: 880-59631-51

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		10			113024	06/25/25 22:51	CS	EET MID

Client Sample ID: BH-8 (0-1.0')

Date Collected: 06/23/25 00:00

Date Received: 06/24/25 08:54

Lab Sample ID: 880-59631-52

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/25/25 03:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 03:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 15:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 15:59	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		5			113024	06/25/25 22:58	CS	EET MID

Client Sample ID: BH-8 (2.0')

Date Collected: 06/23/25 00:00

Date Received: 06/24/25 08:54

Lab Sample ID: 880-59631-53

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	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/25/25 03:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 03:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 16:14	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 16:14	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		5			113024	06/25/25 23:06	CS	EET MID

Client Sample ID: BH-8 (3.0')

Date Collected: 06/23/25 00:00

Date Received: 06/24/25 08:54

Lab Sample ID: 880-59631-54

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	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/25/25 04:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 04:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 16:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 16:30	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		5			113024	06/25/25 23:13	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-8 (4.0')

Lab Sample ID: 880-59631-55

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/25/25 04:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 04:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 16:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 16:45	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		10			113024	06/25/25 23:20	CS	EET MID

Client Sample ID: BH-8 (5.0')

Lab Sample ID: 880-59631-56

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/25/25 05:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 05:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 17:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 17:00	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		5			113024	06/25/25 23:42	CS	EET MID

Client Sample ID: BH-8 (6.0')

Lab Sample ID: 880-59631-57

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/25/25 05:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 05:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 17:15	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 17:15	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		1			113024	06/25/25 23:49	CS	EET MID

Client Sample ID: BH-9 (0-1.0')

Lab Sample ID: 880-59631-58

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/25/25 05:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 05:41	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-9 (0-1.0')

Lab Sample ID: 880-59631-58

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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			113202	06/26/25 17:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 17:30	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		1			113024	06/26/25 00:10	CS	EET MID

Client Sample ID: BH-9 (2.0')

Lab Sample ID: 880-59631-59

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/25/25 06:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 06:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 17:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 17:45	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		1			113024	06/26/25 00:18	CS	EET MID

Client Sample ID: BH-9 (3.0')

Lab Sample ID: 880-59631-60

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112885	06/24/25 12:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112838	06/25/25 06:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/25/25 06:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/26/25 18:00	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	112935	06/24/25 15:02	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113143	06/26/25 18:00	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		5			113024	06/26/25 00:25	CS	EET MID

Client Sample ID: BH-9 (4.0')

Lab Sample ID: 880-59631-61

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	112846	06/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112841	06/24/25 17:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/24/25 17:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/27/25 10:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	112943	06/24/25 15:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113218	06/27/25 10:03	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Client Sample ID: BH-9 (4.0')

Lab Sample ID: 880-59631-61

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		5			113024	06/26/25 00:32	CS	EET MID

Client Sample ID: BH-9 (5.0')

Lab Sample ID: 880-59631-62

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112846	06/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112841	06/24/25 17:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/24/25 17:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/27/25 10:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	112943	06/24/25 15:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113218	06/27/25 10:20	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		5			113024	06/26/25 00:39	CS	EET MID

Client Sample ID: BH-9 (6.0')

Lab Sample ID: 880-59631-63

Date Collected: 06/23/25 00:00

Matrix: Solid

Date Received: 06/24/25 08:54

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	112846	06/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112841	06/24/25 18:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113008	06/24/25 18:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			113202	06/27/25 10:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	112943	06/24/25 15:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113218	06/27/25 10:36	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	112928	06/24/25 14:48	SMC	EET MID
Soluble	Analysis	300.0		5			113024	06/26/25 00:46	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea 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

Method Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea 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: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-59631-1	BH-1 (0-1.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-2	BH-1 (2.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-3	BH-1 (3.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-4	BH-1 (4.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-5	BH-1 (5.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-6	BH-1 (6.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-7	BH-2 (0-1.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-8	BH-2 (2.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-9	BH-2 (3.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-10	BH-2 (4.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-11	BH-2 (5.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-12	BH-2 (6.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-13	BH-3 (0-1.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-14	BH-3 (2.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-15	BH-3 (3.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-16	BH-3 (4.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-17	BH-3 (5.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-18	BH-3 (6.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-19	BH-3 (7.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-20	BH-3 (8.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-21	BH-4 (0-1.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-22	BH-4 (2.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-23	BH-4 (3.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-24	BH-4 (4.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-25	BH-4 (5.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-26	BH-4 (6.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-27	BH-5 (0-1.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-28	BH-5 (2.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-29	BH-5 (3.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-30	BH-5 (4.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-31	BH-5 (5.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-36	BH-6 (0-1.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-37	BH-6 (2.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-38	BH-6 (3.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-39	BH-6 (4.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-40	BH-6 (5.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-41	BH-6 (6.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-42	BH-7 (0-1.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-43	BH-7 (2.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-44	BH-7 (3.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-45	BH-7 (4.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-46	BH-7 (5.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-47	BH-7 (6.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-48	BH-7 (7.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-49	BH-7 (8.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-50	BH-7 (9.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-51	BH-7 (10.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-52	BH-8 (0-1.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-53	BH-8 (2.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-54	BH-8 (3.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-55	BH-8 (4.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-56	BH-8 (5.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-57	BH-8 (6.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-58	BH-9 (0-1.0')	Solid	06/23/25 00:00	06/24/25 08:54

Sample Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-59631-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-59631-59	BH-9 (2.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-60	BH-9 (3.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-61	BH-9 (4.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-62	BH-9 (5.0')	Solid	06/23/25 00:00	06/24/25 08:54
880-59631-63	BH-9 (6.0')	Solid	06/23/25 00:00	06/24/25 08:54

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

Chain of Custody



880-59631 Chain of Custody

Page 1 of 7

Work Order Comments

Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project: ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Manager: Ashton Thielke

Company Name: Carmona Resources

Address: 310 West Wall Ste. 500

City, State ZIP: Midland, TX 79701

Phone: 432-813-8988

Bill to: (if different)

Company Name:

Address:

City, State ZIP:

Email: ThielkeA@Carmonaresources.com

Project Name: SD SWD 13 ROTF Facility

Project Number: 2750

Project Location: Lea Co, NM

Sampler's Name: JDC & GPJ

PO #:

Turn Around: ☐ Routine ☒ Rush

Due Date: 72 hr

TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes ☒ No ☐ Wet Ice: Yes ☒ No ☐

Received Intact: Yes ☒ No ☐ Thermometer ID: TRS

Cooler Custody Seals: Yes ☒ No ☐ Correction Factor: 0.4

Sample Custody Seals: Yes ☒ No ☐ Temperature Reading: 0.3

Total Containers:

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	BTX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	ANALYSIS REQUEST	Preservative Codes
BH-1 (0-1.0')	6/23/2025		X		G	1		X	X	X		None: NO DI Water: H ₂ O
BH-1 (2.0')	6/23/2025		X		G	1		X	X	X		Cool: Cool MeOH: Me
BH-1 (3.0')	6/23/2025		X		G	1		X	X	X		HCL: HC HNO ₃ : HN
BH-1 (4.0')	6/23/2025		X		G	1		X	X	X		H ₂ SO ₄ : H ₂ NaOH: Na
BH-1 (5.0')	6/23/2025		X		G	1		X	X	X		H ₃ PO ₄ : HP
BH-1 (6.0')	6/23/2025		X		G	1		X	X	X		NaHSO ₄ : NABIS
BH-2 (0-1.0')	6/23/2025		X		G	1		X	X	X		Na ₂ S ₂ O ₃ : NaSO ₃
BH-2 (2.0')	6/23/2025		X		G	1		X	X	X		Zn Acetate+NaOH: Zn
BH-2 (3.0')	6/23/2025		X		G	1		X	X	X		NaOH+Ascorbic Acid: SAPC
BH-2 (4.0')	6/23/2025		X		G	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
		6/24/25			

Revised Date 05/12/2020 Rev. 2020.1

Chain of Custody

Work Order No: _____

Page 2 of 7

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: SD SWD 13 ROTF Facility		Turn Around		Pres. Code	
Project Number: 2750		☐ Routine ☒ Rush			
Project Location: Lea Co, NM		Due Date: 72 hr			
Sampler's Name: JDC & GPJ		TAT starts the day received by the lab, if received by 4:30pm			
PO #:					

SAMPLE RECEIPT		Temp Blank:		Yes		No		Wet Ice:		Yes		No		Thermometer ID:		Correction Factor:		Temperature Reading:		Corrected Temperature:		Parameters		# of Cont		Grab/Comp		Water		Soil		Time		Date		Sample Identification	
Received Intact:		Yes		No				Thermometer ID:																													
Cooler Custody Seals:		Yes		No		N/A		Correction Factor:																													
Sample Custody Seals:		Yes		No		N/A		Temperature Reading:																													
Total Containers:								Corrected Temperature:																													

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
BH-2 (5.0')	6/23/2025		X		G	1		X	X	X				
BH-2 (6.0')	6/23/2025		X		G	1		X	X	X				
BH-3 (0-1.0')	6/23/2025		X		G	1		X	X	X				
BH-3 (2.0')	6/23/2025		X		G	1		X	X	X				
BH-3 (3.0')	6/23/2025		X		G	1		X	X	X				
BH-3 (4.0')	6/23/2025		X		G	1		X	X	X				
BH-3 (5.0')	6/23/2025		X		G	1		X	X	X				
BH-3 (6.0')	6/23/2025		X		G	1		X	X	X				
BH-3 (7.0')	6/23/2025		X		G	1		X	X	X				
BH-3 (8.0')	6/23/2025		X		G	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
		6/23/25			

Revised Date 05/01/2020 Rev. 2020.1

Chain of Custody

Work Order No: _____

Page 3 of 7

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: SD SWD 13 ROTF Facility		Turn Around		Pres. Code		ANALYSIS REQUEST		Preservative Codes	
Project Number: 2750		☐ Routine ☒ Rush						None: NO DI Water: H ₂ O	
Project Location: Lea Co, NM		Due Date: 72 hr						Cool: Cool MeOH: Me	
Sampler's Name: JDC & GPJ		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 Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		Pres. Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
							Temp Blank:	Wet Ice:				
BH-4 (0-1.0')	6/23/2025		X		G	1						
BH-4 (2.0')	6/23/2025		X		G	1						
BH-4 (3.0')	6/23/2025		X		G	1						
BH-4 (4.0')	6/23/2025		X		G	1						
BH-4 (5.0')	6/23/2025		X		G	1						
BH-4 (6.0')	6/23/2025		X		G	1						
BH-5 (0-1.0')	6/23/2025		X		G	1						
BH-5 (2.0')	6/23/2025		X		G	1						
BH-5 (3.0')	6/23/2025		X		G	1						
BH-5 (4.0')	6/23/2025		X		G	1						

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
		6/29/23 554 ²			
3		4			
5		6			

Revised Date 05/12/2020 Rev 2020.1

Chain of Custody

Work Order No: _____

Page 4 of 7

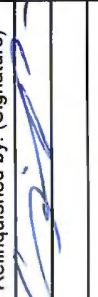
Project Manager: Ashton Thielke		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 West Wall Ste. 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-813-8988		Email: ThielkeA@Carmonaresources.com			

Project Name: SD SWD 13 ROTF Facility		Turn Around		Pres. Code	
Project Number: 2750		☐ Routine ☒ Rush			
Project Location: Lea Co, NM		Due Date: 72 hr			
Sampler's Name: JDC & GPJ		TAT starts the day received by the lab, if received by 4:30pm			
PO #:					

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	None: NO	DI Water: H ₂ O
BH-5 (5.0')	6/23/2025		X		G	1		X	X		
BH-5 (6.0')	6/23/2025		X		G	1					
BH-5 (7.0')	6/23/2025		X		G	1					
BH-5 (8.0')	6/23/2025		X		G	1					
BH-5 (9.0')	6/23/2025		X		G	1					
BH-6 (0-1.0')	6/23/2025		X		G	1		X	X		
BH-6 (2.0')	6/23/2025		X		G	1		X	X		
BH-6 (3.0')	6/23/2025		X		G	1		X	X		
BH-6 (4.0')	6/23/2025		X		G	1		X	X		
BH-6 (5.0')	6/23/2025		X		G	1		X	X		

SAMPLE RECEIPT		Temp Blank:		Yes		No		Wet Ice:		Yes		No	
Received Intact:		Yes		No		Thermometer ID:							
Cooler Custody Seals:		Yes		No		Correction Factor:							
Sample Custody Seals:		Yes		No		Temperature Reading:							
Total Containers:		Yes		No		Corrected Temperature:							

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
		6/24/25 8:54 ²			

Revised Date 05/1/2020 Rev. 2020.1

Chain of Custody

Work Order No: _____

Page 5 of 7

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: SD SWD 13 ROTF Facility		Turn Around		Pres. Code	
Project Number: 2750		☐ Routine ☒ Rush			
Project Location: Lea Co, NM		Due Date: 72 hr			
Sampler's Name: JDC & GPJ		TAT starts the day received by the lab, if received by 4:30pm			
PO #:					

SAMPLE RECEIPT		Temp Blank:		Yes		No		Thermometer ID:		Correction Factor:		Temperature Reading:		Corrected Temperature:	
Received Intact:		Yes	No												
Cooler Custody Seals:		Yes	No	N/A											
Sample Custody Seals:		Yes	No	N/A											
Total Containers:															

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		ANALYSIS REQUEST		Preservative Codes	
							Pres. Code	# of Cont				
BH-6 (6.0')	6/23/2025		X		G	1						None: NO
BH-7 (0-1.0')	6/23/2025		X		G	1						Cool: Cool
BH-7 (2.0')	6/23/2025		X		G	1						HCL: HC
BH-7 (3.0')	6/23/2025		X		G	1						H ₂ SO ₄ : H ₂
BH-7 (4.0')	6/23/2025		X		G	1						H ₃ PO ₄ : HP
BH-7 (5.0')	6/23/2025		X		G	1						NaHSO ₄ : NABIS
BH-7 (6.0')	6/23/2025		X		G	1						Na ₂ S ₂ O ₃ : NaSO ₃
BH-7 (7.0')	6/23/2025		X		G	1						Zn Acetate+NaOH: Zn
BH-7 (8.0')	6/23/2025		X		G	1						NaOH+Ascorbic Acid: SAPC
BH-7 (9.0')	6/23/2025		X		G	1						

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
		6/24/25 854 ²			

Revised Date 05/01/2020 Rev. 2020.1

Chain of Custody

Work Order No: _____

Page 6 of 7

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: SD SWD 13 ROTF Facility		Turn Around		Pres. Code	
Project Number: 2750		☐ Routine ☒ Rush			
Project Location: Lea Co, NM		Due Date: 72 hr			
Sampler's Name: JDC & GPJ		TAT starts the day received by the lab, if received by 4:30pm			
PO #:					

SAMPLE RECEIPT		Temp Blank:		Yes		No		Wet Ice:		Yes		No		Thermometer ID:		Correction Factor:		Temperature Reading:		Corrected Temperature:		Parameters		# of Cont		Grab/Comp		Water		Soil		Time		Date		Sample Identification	
Received Intact:		Yes		No				Thermometer ID:																													
Cooler Custody Seals:		Yes		No		N/A		Correction Factor:																													
Sample Custody Seals:		Yes		No		N/A		Temperature Reading:																													
Total Containers:								Corrected Temperature:																													

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
		6/24/25 8:54			

Revised Date 05/01/2020 Rev. 2020.1

Chain of Custody

Work Order No:

Page 7 of 7

[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-59631-1

SDG Number: Lea Co, NM

Login Number: 59631

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	



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

June 25, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: SD SWD 13 ROTF FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 06/19/25 13:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 1 (0-0.5') (H253667-01)

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	06/23/2025	ND	2.01	101	2.00	4.55	
Toluene*	<0.050	0.050	06/23/2025	ND	2.04	102	2.00	4.65	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.08	104	2.00	4.82	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.14	102	6.00	4.33	
Total BTX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	32.0	16.0	06/23/2025	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	06/20/2025	ND	212	106	200	3.55	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	197	98.6	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 89.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.1 % 40.6-153

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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: 06/19/2025
 Reported: 06/25/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 2 (0-0.5') (H253667-02)

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	06/23/2025	ND	2.01	101	2.00	4.55	
Toluene*	<0.050	0.050	06/23/2025	ND	2.04	102	2.00	4.65	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.08	104	2.00	4.82	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.14	102	6.00	4.33	
Total BTEX	<0.300	0.300	06/23/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/23/2025	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	06/20/2025	ND	212	106	200	3.55	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	197	98.6	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 84.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.6 % 40.6-153

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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: 06/19/2025
 Reported: 06/25/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 3 (0-0.5') (H253667-03)

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	06/23/2025	ND	2.01	101	2.00	4.55		
Toluene*	<0.050	0.050	06/23/2025	ND	2.04	102	2.00	4.65		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.08	104	2.00	4.82		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.14	102	6.00	4.33		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	128	16.0	06/23/2025	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	06/20/2025	ND	212	106	200	3.55	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	197	98.6	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 88.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.2 % 40.6-153

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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: 06/19/2025
 Reported: 06/25/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 4 (0-0.5') (H253667-04)

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	06/23/2025	ND	2.01	101	2.00	4.55		
Toluene*	<0.050	0.050	06/23/2025	ND	2.04	102	2.00	4.65		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.08	104	2.00	4.82		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.14	102	6.00	4.33		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/23/2025	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	06/20/2025	ND	212	106	200	3.55	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	197	98.6	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 82.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.7 % 40.6-153

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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: 06/19/2025
 Reported: 06/25/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 5 (0-0.5') (H253667-05)

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	06/23/2025	ND	2.01	101	2.00	4.55		
Toluene*	<0.050	0.050	06/23/2025	ND	2.04	102	2.00	4.65		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.08	104	2.00	4.82		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.14	102	6.00	4.33		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/23/2025	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	06/20/2025	ND	212	106	200	3.55	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	197	98.6	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 73.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 6 (0-0.5') (H253667-06)

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	06/23/2025	ND	2.01	101	2.00	4.55		
Toluene*	<0.050	0.050	06/23/2025	ND	2.04	102	2.00	4.65		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.08	104	2.00	4.82		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.14	102	6.00	4.33		
Total BTEX	<0.300	0.300	06/23/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/23/2025	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	06/20/2025	ND	212	106	200	3.55	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	197	98.6	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 90.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.7 % 40.6-153

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Analytical Results For:

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

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 7 (0-0.5') (H253667-07)

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	06/23/2025	ND	2.01	101	2.00	4.55	
Toluene*	<0.050	0.050	06/23/2025	ND	2.04	102	2.00	4.65	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.08	104	2.00	4.82	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.14	102	6.00	4.33	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	<16.0	16.0	06/23/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2025	ND	212	106	200	3.55	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	197	98.6	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 87.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.8 % 40.6-153

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Analytical Results For:

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

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 8 (0-0.5') (H253667-08)

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	06/23/2025	ND	2.01	101	2.00	4.55		
Toluene*	<0.050	0.050	06/23/2025	ND	2.04	102	2.00	4.65		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.08	104	2.00	4.82		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.14	102	6.00	4.33		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	<16.0	16.0	06/23/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2025	ND	212	106	200	3.55	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	197	98.6	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.1 % 40.6-153

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Analytical Results For:

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

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 9 (0-0.5') (H253667-09)

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	06/23/2025	ND	2.01	101	2.00	4.55	
Toluene*	<0.050	0.050	06/23/2025	ND	2.04	102	2.00	4.65	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.08	104	2.00	4.82	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.14	102	6.00	4.33	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	<16.0	16.0	06/23/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2025	ND	212	106	200	3.55	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	197	98.6	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 89.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.7 % 40.6-153

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Analytical Results For:

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

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 10 (0-0.5') (H253667-10)

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	06/23/2025	ND	2.01	101	2.00	4.55	
Toluene*	<0.050	0.050	06/23/2025	ND	2.04	102	2.00	4.65	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.08	104	2.00	4.82	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.14	102	6.00	4.33	
Total BTX	<0.300	0.300	06/23/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2025	ND	212	106	200	3.55	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	197	98.6	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 89.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.4 % 40.6-153

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Analytical Results For:

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

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 11 (0-0.5') (H253667-11)

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	06/23/2025	ND	2.01	101	2.00	4.55		
Toluene*	<0.050	0.050	06/23/2025	ND	2.04	102	2.00	4.65		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.08	104	2.00	4.82		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.14	102	6.00	4.33		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	<16.0	16.0	06/23/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2025	ND	212	106	200	3.55	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	197	98.6	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 74.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.9 % 40.6-153

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Analytical Results For:

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

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 12 (0-0.5') (H253667-12)

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	06/23/2025	ND	2.01	101	2.00	4.55	
Toluene*	<0.050	0.050	06/23/2025	ND	2.04	102	2.00	4.65	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.08	104	2.00	4.82	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.14	102	6.00	4.33	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	16.0	16.0	06/23/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2025	ND	212	106	200	3.55	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	197	98.6	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 73.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.9 % 40.6-153

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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: 06/19/2025
 Reported: 06/25/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 13 (0-0.5') (H253667-13)

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	06/23/2025	ND	2.01	101	2.00	4.55	
Toluene*	<0.050	0.050	06/23/2025	ND	2.04	102	2.00	4.65	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.08	104	2.00	4.82	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.14	102	6.00	4.33	
Total BTEx	<0.300	0.300	06/23/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2025	ND	212	106	200	3.55	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	197	98.6	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 86.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 14 (0-0.5') (H253667-14)

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	06/23/2025	ND	2.01	101	2.00	4.55		
Toluene*	<0.050	0.050	06/23/2025	ND	2.04	102	2.00	4.65		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.08	104	2.00	4.82		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.14	102	6.00	4.33		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	16.0	16.0	06/23/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2025	ND	189	94.6	200	0.511	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	175	87.3	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

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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: 06/19/2025
 Reported: 06/25/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 15 (0-0.5') (H253667-15)

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	06/23/2025	ND	2.01	101	2.00	4.55	
Toluene*	<0.050	0.050	06/23/2025	ND	2.04	102	2.00	4.65	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.08	104	2.00	4.82	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.14	102	6.00	4.33	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	<16.0	16.0	06/23/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2025	ND	189	94.6	200	0.511	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	175	87.3	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 90.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.1 % 40.6-153

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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: 06/19/2025
 Reported: 06/25/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 16 (0-0.5') (H253667-16)

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	06/23/2025	ND	2.05	103	2.00	4.26		
Toluene*	<0.050	0.050	06/23/2025	ND	2.20	110	2.00	2.55		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.04	102	2.00	2.67		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.10	102	6.00	2.57		
Total BTEX	<0.300	0.300	06/23/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2025	ND	189	94.6	200	0.511	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	175	87.3	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 93.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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: 1853447

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 ☐ PRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	SD SWD 13 ROTF Facility	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:	2750	Due Date:	Normal													None: NO	DI Water: H ₂ O
Project Location:	Lea Co. NM															Cool: Cool	MeOH: Me
Sampler's Name:	JDC															HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	Parameters										H ₃ PO ₄ : HP	
Received In tact:	Yes ☒ No ☐	Thermometer ID:				BTX 8021B										NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐ N/A	Correction Factor:				TPH 8015M (GRO + DRO + MRO)										Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading:				Chloride 4500										Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont												Sample Comments
H-1 (0-0.5')	6/19/2025		X		G	1	X	X	X									12 M T 3
H-2 (0-0.5')	6/19/2025		X		G	1	X	X	X									4
H-3 (0-0.5')	6/19/2025		X		G	1	X	X	X									5
H-4 (0-0.5')	6/19/2025		X		G	1	X	X	X									5
H-5 (0-0.5')	6/19/2025		X		G	1	X	X	X									4
H-6 (0-0.5')	6/19/2025		X		G	1	X	X	X									4
H-7 (0-0.5')	6/19/2025		X		G	1	X	X	X									4
H-8 (0-0.5')	6/19/2025		X		G	1	X	X	X									4
H-9 (0-0.5')	6/19/2025		X		G	1	X	X	X									4
H-10 (0-0.5')	6/19/2025		X		G	1	X	X	X									10

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
		09.25.1348			

Work Order No.:

Has344

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ upfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ . ADAPT ☐ Other:	

Project Name:		SD SWD 13 ROTF Facility		Turn Around		ANALYSIS REQUEST																Preservative Codes	
Project Number:	2750	☒ Routine	☐ Rush	Due Date:	Normal																	None: NO	DI Water: H ₂ O
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm																				Cool: Cool	MeOH: Me
Sampler's Name:	JDC																					HCL: HC	HNO ₃ : HN
PO #:																						H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No	Yes No	Wet Ice:	Yes No																	H ₃ PO ₄ : HP
Received Intact:	Yes No	Thermometer ID:	140																	NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes No	Correction Factor:	40.3																	Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:	Yes No	Temperature Reading:	5.1																	Zn Acetate+NaOH: Zn			
Total Containers:	Corrected Temperature:	5.4																	NaOH+Ascorbic Acid: SAPC				
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD									Sample Comments			
H-11 (0-0.5')	6/19/2025			X	G	G	1	X	X	X										11			
H-12 (0-0.5')	6/19/2025			X	G	G	1	X	X	X										12			
H-13 (0-0.5')	6/19/2025			X	G	G	1	X	X	X										13			
H-14 (0-0.5')	6/19/2025			X	G	G	1	X	X	X										14			
H-15 (0-0.5')	6/19/2025			X	G	G	1	X	X	X										15			
H-16 (0-0.5')	6/19/2025			X	G	G	1	X	X	X										16			

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 <i>[Signature]</i>	<i>[Signature]</i>	10/9/25 13:41			
3					
5					

Revised Public Notice 12/20/2018 Rev. 2/2019



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/19/2025 10:58:01 AM

JOB DESCRIPTION

SD SWD 13 ROTF Facility
Lea Co NM

JOB NUMBER

880-61509-1

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



Generated
8/19/2025 10:58:01 AM

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

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Laboratory Job ID: 880-61509-1
SDG: Lea Co NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	13
QC Sample Results	14
QC Association Summary	20
Lab Chronicle	23
Certification Summary	26
Method Summary	27
Sample Summary	28
Chain of Custody	29
Receipt Checklists	30

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

Definitions/Glossary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: SD SWD 13 ROTF Facility

Job ID: 880-61509-1

Job ID: 880-61509-1

Eurofins Midland

Job Narrative 880-61509-1

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

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

Receipt

The samples were received on 8/15/2025 8:42 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -3.1°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: Surrogate recovery for the following sample was outside control limits: (LCS 880-116547/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-1 (4.25') (880-61509-7), SW-2 (4.25') (880-61509-8) and SW-3 (4.25') (880-61509-9). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-116811 and analytical batch 880-116879 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: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

Client Sample ID: CS-1 (4.25')

Lab Sample ID: 880-61509-1

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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		08/15/25 11:35	08/16/25 20:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/15/25 11:35	08/16/25 20:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/15/25 11:35	08/16/25 20:22	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/15/25 11:35	08/16/25 20:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/15/25 11:35	08/16/25 20:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/15/25 11:35	08/16/25 20:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	08/15/25 11:35	08/16/25 20:22	1
1,4-Difluorobenzene (Surr)	94		70 - 130	08/15/25 11:35	08/16/25 20:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/16/25 20:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/17/25 10:18	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		08/12/25 17:10	08/17/25 10:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 17:10	08/17/25 10:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 17:10	08/17/25 10:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130	08/12/25 17:10	08/17/25 10:18	1
o-Terphenyl (Surr)	74		70 - 130	08/12/25 17:10	08/17/25 10:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	407	F1	10.0		mg/Kg			08/18/25 12:00	1

Client Sample ID: CS-2 (4.25')

Lab Sample ID: 880-61509-2

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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		08/15/25 11:35	08/16/25 20:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/15/25 11:35	08/16/25 20:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/15/25 11:35	08/16/25 20:42	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		08/15/25 11:35	08/16/25 20:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/15/25 11:35	08/16/25 20:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/15/25 11:35	08/16/25 20:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/15/25 11:35	08/16/25 20:42	1
1,4-Difluorobenzene (Surr)	94		70 - 130	08/15/25 11:35	08/16/25 20:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

Client Sample ID: CS-2 (4.25')

Lab Sample ID: 880-61509-2

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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			08/16/25 20:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 17:10	08/17/25 10:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 17:10	08/17/25 10:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 17:10	08/17/25 10:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130				08/12/25 17:10	08/17/25 10:33	1
o-Terphenyl (Surr)	72		70 - 130				08/12/25 17:10	08/17/25 10:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	380		10.1		mg/Kg			08/18/25 12:17	1

Client Sample ID: CS-3 (4.25')

Lab Sample ID: 880-61509-3

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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		08/15/25 11:35	08/16/25 21:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/15/25 11:35	08/16/25 21:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/15/25 11:35	08/16/25 21:03	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/15/25 11:35	08/16/25 21:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/15/25 11:35	08/16/25 21:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/15/25 11:35	08/16/25 21:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				08/15/25 11:35	08/16/25 21:03	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/15/25 11:35	08/16/25 21:03	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			08/16/25 21:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 10:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 17:10	08/17/25 10:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 17:10	08/17/25 10:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

Client Sample ID: CS-3 (4.25')

Lab Sample ID: 880-61509-3

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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		08/12/25 17:10	08/17/25 10:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130				08/12/25 17:10	08/17/25 10:50	1
o-Terphenyl (Surr)	74		70 - 130				08/12/25 17:10	08/17/25 10:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	427		9.90		mg/Kg			08/18/25 12:22	1

Client Sample ID: CS-4 (4.25')

Lab Sample ID: 880-61509-4

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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		08/15/25 11:35	08/16/25 21:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/15/25 11:35	08/16/25 21:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/15/25 11:35	08/16/25 21:23	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/15/25 11:35	08/16/25 21:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/15/25 11:35	08/16/25 21:23	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/15/25 11:35	08/16/25 21:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/15/25 11:35	08/16/25 21:23	1
1,4-Difluorobenzene (Surr)	90		70 - 130				08/15/25 11:35	08/16/25 21:23	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			08/16/25 21:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 11:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 17:10	08/17/25 11:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 17:10	08/17/25 11:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 17:10	08/17/25 11:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				08/12/25 17:10	08/17/25 11:05	1
o-Terphenyl (Surr)	70		70 - 130				08/12/25 17:10	08/17/25 11:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.3		9.92		mg/Kg			08/18/25 12:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

Client Sample ID: CS-5 (4.25')

Lab Sample ID: 880-61509-5

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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		08/15/25 11:35	08/16/25 21:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/15/25 11:35	08/16/25 21:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/15/25 11:35	08/16/25 21:43	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/15/25 11:35	08/16/25 21:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/15/25 11:35	08/16/25 21:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/15/25 11:35	08/16/25 21:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	08/15/25 11:35	08/16/25 21:43	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/15/25 11:35	08/16/25 21:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/16/25 21:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 17:10	08/17/25 11:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 17:10	08/17/25 11:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 17:10	08/17/25 11:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130	08/12/25 17:10	08/17/25 11:21	1
o-Terphenyl (Surr)	70		70 - 130	08/12/25 17:10	08/17/25 11:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.7		9.94		mg/Kg			08/18/25 12:34	1

Client Sample ID: CS-6 (4.25')

Lab Sample ID: 880-61509-6

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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		08/15/25 11:35	08/16/25 22:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/15/25 11:35	08/16/25 22:04	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/15/25 11:35	08/16/25 22:04	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		08/15/25 11:35	08/16/25 22:04	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/15/25 11:35	08/16/25 22:04	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/15/25 11:35	08/16/25 22:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	08/15/25 11:35	08/16/25 22:04	1
1,4-Difluorobenzene (Surr)	91		70 - 130	08/15/25 11:35	08/16/25 22:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

Client Sample ID: CS-6 (4.25')

Lab Sample ID: 880-61509-6

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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			08/16/25 22:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/17/25 11:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 17:10	08/17/25 11:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 17:10	08/17/25 11:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 17:10	08/17/25 11:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130				08/12/25 17:10	08/17/25 11:37	1
o-Terphenyl (Surr)	75		70 - 130				08/12/25 17:10	08/17/25 11:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	980		9.96		mg/Kg			08/18/25 12:51	1

Client Sample ID: SW-1 (4.25')

Lab Sample ID: 880-61509-7

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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		08/15/25 11:35	08/16/25 22:24	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/15/25 11:35	08/16/25 22:24	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/15/25 11:35	08/16/25 22:24	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/15/25 11:35	08/16/25 22:24	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/15/25 11:35	08/16/25 22:24	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/15/25 11:35	08/16/25 22:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				08/15/25 11:35	08/16/25 22:24	1
1,4-Difluorobenzene (Surr)	81		70 - 130				08/15/25 11:35	08/16/25 22:24	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			08/16/25 22:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/17/25 11:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 17:10	08/17/25 11:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 17:10	08/17/25 11:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

Client Sample ID: SW-1 (4.25')

Lab Sample ID: 880-61509-7

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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		08/12/25 17:10	08/17/25 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130				08/12/25 17:10	08/17/25 11:54	1
o-Terphenyl (Surr)	61	S1-	70 - 130				08/12/25 17:10	08/17/25 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/18/25 12:56	1

Client Sample ID: SW-2 (4.25')

Lab Sample ID: 880-61509-8

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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		08/18/25 07:54	08/18/25 12:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/18/25 07:54	08/18/25 12:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/18/25 07:54	08/18/25 12:39	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/18/25 07:54	08/18/25 12:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/18/25 07:54	08/18/25 12:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/18/25 07:54	08/18/25 12:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				08/18/25 07:54	08/18/25 12:39	1
1,4-Difluorobenzene (Surr)	89		70 - 130				08/18/25 07:54	08/18/25 12:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/18/25 12:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 17:10	08/17/25 12:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 17:10	08/17/25 12:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 17:10	08/17/25 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130				08/12/25 17:10	08/17/25 12:10	1
o-Terphenyl (Surr)	63	S1-	70 - 130				08/12/25 17:10	08/17/25 12:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			08/18/25 13:25	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

Client Sample ID: SW-3 (4.25')

Lab Sample ID: 880-61509-9

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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		08/18/25 07:54	08/18/25 16:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/18/25 07:54	08/18/25 16:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/18/25 07:54	08/18/25 16:52	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		08/18/25 07:54	08/18/25 16:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/18/25 07:54	08/18/25 16:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/18/25 07:54	08/18/25 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	08/18/25 07:54	08/18/25 16:52	1
1,4-Difluorobenzene (Surr)	90		70 - 130	08/18/25 07:54	08/18/25 16:52	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			08/18/25 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/17/25 12:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 17:10	08/17/25 12:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 17:10	08/17/25 12:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 17:10	08/17/25 12:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130	08/12/25 17:10	08/17/25 12:25	1
o-Terphenyl (Surr)	61	S1-	70 - 130	08/12/25 17:10	08/17/25 12:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			08/18/25 13:30	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea 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	DFBZ1				
		(70-130)	(70-130)				
880-61509-1	CS-1 (4.25')	123	94				
880-61509-1 MS	CS-1 (4.25')	118	96				
880-61509-1 MSD	CS-1 (4.25')	109	97				
880-61509-2	CS-2 (4.25')	113	94				
880-61509-3	CS-3 (4.25')	116	92				
880-61509-4	CS-4 (4.25')	112	90				
880-61509-5	CS-5 (4.25')	114	93				
880-61509-6	CS-6 (4.25')	122	91				
880-61509-7	SW-1 (4.25')	98	81				
880-61509-8	SW-2 (4.25')	106	89				
880-61509-9	SW-3 (4.25')	115	90				
880-61562-A-1-F MS	Matrix Spike	124	92				
880-61562-A-1-G MSD	Matrix Spike Duplicate	115	94				
LCS 880-116779/1-A	Lab Control Sample	109	96				
LCS 880-116868/1-A	Lab Control Sample	110	93				
LCSD 880-116779/2-A	Lab Control Sample Dup	108	96				
LCSD 880-116868/2-A	Lab Control Sample Dup	119	90				
MB 880-116779/5-A	Method Blank	115	88				
MB 880-116868/5-A	Method Blank	106	83				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-61393-A-21-B MS	Matrix Spike	76	73				
880-61393-A-21-C MSD	Matrix Spike Duplicate	95	71				
880-61509-1	CS-1 (4.25')	86	74				
880-61509-2	CS-2 (4.25')	83	72				
880-61509-3	CS-3 (4.25')	83	74				
880-61509-4	CS-4 (4.25')	82	70				
880-61509-5	CS-5 (4.25')	83	70				
880-61509-6	CS-6 (4.25')	84	75				
880-61509-7	SW-1 (4.25')	80	61 S1-				
880-61509-8	SW-2 (4.25')	78	63 S1-				
880-61509-9	SW-3 (4.25')	79	61 S1-				
LCS 880-116547/2-A	Lab Control Sample	133 S1+	137 S1+				
LCSD 880-116547/3-A	Lab Control Sample Dup	70	71				
MB 880-116547/1-A	Method Blank	87	86				
Surrogate Legend							
1CO = 1-Chlorooctane (Surr)							
OTPH = o-Terphenyl (Surr)							

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-116779/5-A

Matrix: Solid

Analysis Batch: 116861

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116779

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/15/25 11:35	08/16/25 20:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/15/25 11:35	08/16/25 20:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/15/25 11:35	08/16/25 20:00	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/15/25 11:35	08/16/25 20:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/15/25 11:35	08/16/25 20:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/15/25 11:35	08/16/25 20:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	08/15/25 11:35	08/16/25 20:00	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/15/25 11:35	08/16/25 20:00	1

Lab Sample ID: LCS 880-116779/1-A

Matrix: Solid

Analysis Batch: 116861

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116779

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09104		mg/Kg		91	70 - 130
Toluene	0.100	0.08595		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.08828		mg/Kg		88	70 - 130
m,p-Xylenes	0.200	0.1741		mg/Kg		87	70 - 130
o-Xylene	0.100	0.07296		mg/Kg		73	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-116779/2-A

Matrix: Solid

Analysis Batch: 116861

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 116779

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09137		mg/Kg		91	70 - 130	0	35
Toluene	0.100	0.08654		mg/Kg		87	70 - 130	1	35
Ethylbenzene	0.100	0.08809		mg/Kg		88	70 - 130	0	35
m,p-Xylenes	0.200	0.1742		mg/Kg		87	70 - 130	0	35
o-Xylene	0.100	0.07383		mg/Kg		74	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-61509-1 MS

Matrix: Solid

Analysis Batch: 116861

Client Sample ID: CS-1 (4.25')

Prep Type: Total/NA

Prep Batch: 116779

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08822		mg/Kg		88	70 - 130
Toluene	<0.00200	U	0.100	0.08525		mg/Kg		85	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

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

Lab Sample ID: 880-61509-1 MS

Matrix: Solid

Analysis Batch: 116861

Client Sample ID: CS-1 (4.25')

Prep Type: Total/NA

Prep Batch: 116779

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08850		mg/Kg		88	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1730		mg/Kg		87	70 - 130
o-Xylene	<0.00200	U	0.100	0.07212		mg/Kg		72	70 - 130
Surrogate	MS %Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	118		70 - 130						
1,4-Difluorobenzene (Surr)	96		70 - 130						

Lab Sample ID: 880-61509-1 MSD

Matrix: Solid

Analysis Batch: 116861

Client Sample ID: CS-1 (4.25')

Prep Type: Total/NA

Prep Batch: 116779

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	0.08617		mg/Kg		86	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.08350		mg/Kg		84	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.08648		mg/Kg		86	70 - 130	2	35
m,p-Xylenes	<0.00400	U	0.200	0.1663		mg/Kg		83	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.07078		mg/Kg		71	70 - 130	2	35
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	109		70 - 130								
1,4-Difluorobenzene (Surr)	97		70 - 130								

Lab Sample ID: MB 880-116868/5-A

Matrix: Solid

Analysis Batch: 116870

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/18/25 07:54	08/18/25 11:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/18/25 07:54	08/18/25 11:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/18/25 07:54	08/18/25 11:16	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/18/25 07:54	08/18/25 11:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/18/25 07:54	08/18/25 11:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/18/25 07:54	08/18/25 11:16	1
Surrogate	MB %Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				08/18/25 07:54	08/18/25 11:16	1
1,4-Difluorobenzene (Surr)	83		70 - 130				08/18/25 07:54	08/18/25 11:16	1

Lab Sample ID: LCS 880-116868/1-A

Matrix: Solid

Analysis Batch: 116870

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116868

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1082		mg/Kg		108	70 - 130
Toluene	0.100	0.1043		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.1187		mg/Kg		119	70 - 130
m,p-Xylenes	0.200	0.2346		mg/Kg		117	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

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

Lab Sample ID: LCS 880-116868/1-A

Matrix: Solid

Analysis Batch: 116870

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116868

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1154		mg/Kg		115	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-116868/2-A

Matrix: Solid

Analysis Batch: 116870

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 116868

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1062		mg/Kg		106	70 - 130	2	35
Toluene	0.100	0.1018		mg/Kg		102	70 - 130	2	35
Ethylbenzene	0.100	0.1157		mg/Kg		116	70 - 130	3	35
m,p-Xylenes	0.200	0.2281		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1125		mg/Kg		112	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-61562-A-1-F MS

Matrix: Solid

Analysis Batch: 116870

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 116868

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1012		mg/Kg		101	70 - 130
Toluene	<0.00200	U	0.100	0.09287		mg/Kg		93	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1035		mg/Kg		103	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.2022		mg/Kg		101	70 - 130
o-Xylene	<0.00200	U	0.100	0.1012		mg/Kg		101	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 880-61562-A-1-G MSD

Matrix: Solid

Analysis Batch: 116870

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 116868

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	0.08015		mg/Kg		80	70 - 130	23	35
Toluene	<0.00200	U	0.100	0.07371		mg/Kg		74	70 - 130	23	35
Ethylbenzene	<0.00200	U	0.100	0.08411		mg/Kg		84	70 - 130	21	35
m,p-Xylenes	<0.00399	U	0.200	0.1643		mg/Kg		82	70 - 130	21	35
o-Xylene	<0.00200	U	0.100	0.08391		mg/Kg		84	70 - 130	19	35

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

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

Lab Sample ID: 880-61562-A-1-G MSD

Matrix: Solid

Analysis Batch: 116870

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 116868

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

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

Lab Sample ID: MB 880-116547/1-A

Matrix: Solid

Analysis Batch: 116859

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116547

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		08/12/25 17:10	08/17/25 05:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 17:10	08/17/25 05:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 17:10	08/17/25 05:48	1
Surrogate	MB MB		Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	87		70 - 130				08/12/25 17:10	08/17/25 05:48	1
o-Terphenyl (Surr)	86		70 - 130				08/12/25 17:10	08/17/25 05:48	1

Lab Sample ID: LCS 880-116547/2-A

Matrix: Solid

Analysis Batch: 116859

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116547

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1029		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1001		mg/Kg		100	70 - 130
Surrogate	LCS LCS		Limits				
	%Recovery	Qualifier					
1-Chlorooctane (Surr)	133	S1+	70 - 130				
o-Terphenyl (Surr)	137	S1+	70 - 130				

Lab Sample ID: LCSD 880-116547/3-A

Matrix: Solid

Analysis Batch: 116859

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 116547

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1089		mg/Kg		109	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1035		mg/Kg		103	70 - 130	3	20
Surrogate	LCSD LCSD		Limits						
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	70		70 - 130						
o-Terphenyl (Surr)	71		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

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

Lab Sample ID: 880-61393-A-21-B MS

Matrix: Solid

Analysis Batch: 116859

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 116547

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	775.7		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	695.4		mg/Kg		70	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	76		70 - 130						
o-Terphenyl (Surr)	73		70 - 130						

Lab Sample ID: 880-61393-A-21-C MSD

Matrix: Solid

Analysis Batch: 116859

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 116547

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	817.5		mg/Kg		82	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	703.6		mg/Kg		71	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	95		70 - 130								
o-Terphenyl (Surr)	71		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116811/1-A

Matrix: Solid

Analysis Batch: 116879

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			08/18/25 11:43	1

Lab Sample ID: LCS 880-116811/2-A

Matrix: Solid

Analysis Batch: 116879

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	236.6		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-116811/3-A

Matrix: Solid

Analysis Batch: 116879

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	237.0		mg/Kg		95	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-61509-1 MS											Client Sample ID: CS-1 (4.25')		
Matrix: Solid											Prep Type: Soluble		
Analysis Batch: 116879													
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits				
Chloride	407	F1	251	624.7	F1	mg/Kg		87	90 - 110				

Lab Sample ID: 880-61509-1 MSD											Client Sample ID: CS-1 (4.25')		
Matrix: Solid											Prep Type: Soluble		
Analysis Batch: 116879													
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	RPD Limit	
Chloride	407	F1	251	624.1	F1	mg/Kg		86	90 - 110		0	20	

QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

GC VOA

Prep Batch: 116779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61509-1	CS-1 (4.25')	Total/NA	Solid	5035	
880-61509-2	CS-2 (4.25')	Total/NA	Solid	5035	
880-61509-3	CS-3 (4.25')	Total/NA	Solid	5035	
880-61509-4	CS-4 (4.25')	Total/NA	Solid	5035	
880-61509-5	CS-5 (4.25')	Total/NA	Solid	5035	
880-61509-6	CS-6 (4.25')	Total/NA	Solid	5035	
880-61509-7	SW-1 (4.25')	Total/NA	Solid	5035	
MB 880-116779/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-116779/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-116779/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-61509-1 MS	CS-1 (4.25')	Total/NA	Solid	5035	
880-61509-1 MSD	CS-1 (4.25')	Total/NA	Solid	5035	

Analysis Batch: 116861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61509-1	CS-1 (4.25')	Total/NA	Solid	8021B	116779
880-61509-2	CS-2 (4.25')	Total/NA	Solid	8021B	116779
880-61509-3	CS-3 (4.25')	Total/NA	Solid	8021B	116779
880-61509-4	CS-4 (4.25')	Total/NA	Solid	8021B	116779
880-61509-5	CS-5 (4.25')	Total/NA	Solid	8021B	116779
880-61509-6	CS-6 (4.25')	Total/NA	Solid	8021B	116779
880-61509-7	SW-1 (4.25')	Total/NA	Solid	8021B	116779
MB 880-116779/5-A	Method Blank	Total/NA	Solid	8021B	116779
LCS 880-116779/1-A	Lab Control Sample	Total/NA	Solid	8021B	116779
LCSD 880-116779/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	116779
880-61509-1 MS	CS-1 (4.25')	Total/NA	Solid	8021B	116779
880-61509-1 MSD	CS-1 (4.25')	Total/NA	Solid	8021B	116779

Prep Batch: 116868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61509-8	SW-2 (4.25')	Total/NA	Solid	5035	
880-61509-9	SW-3 (4.25')	Total/NA	Solid	5035	
MB 880-116868/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-116868/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-116868/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-61562-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
880-61562-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 116870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61509-8	SW-2 (4.25')	Total/NA	Solid	8021B	116868
880-61509-9	SW-3 (4.25')	Total/NA	Solid	8021B	116868
MB 880-116868/5-A	Method Blank	Total/NA	Solid	8021B	116868
LCS 880-116868/1-A	Lab Control Sample	Total/NA	Solid	8021B	116868
LCSD 880-116868/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	116868
880-61562-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	116868
880-61562-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	116868

Analysis Batch: 116975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61509-1	CS-1 (4.25')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

GC VOA (Continued)

Analysis Batch: 116975 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61509-2	CS-2 (4.25')	Total/NA	Solid	Total BTEX	
880-61509-3	CS-3 (4.25')	Total/NA	Solid	Total BTEX	
880-61509-4	CS-4 (4.25')	Total/NA	Solid	Total BTEX	
880-61509-5	CS-5 (4.25')	Total/NA	Solid	Total BTEX	
880-61509-6	CS-6 (4.25')	Total/NA	Solid	Total BTEX	
880-61509-7	SW-1 (4.25')	Total/NA	Solid	Total BTEX	
880-61509-8	SW-2 (4.25')	Total/NA	Solid	Total BTEX	
880-61509-9	SW-3 (4.25')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 116547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61509-1	CS-1 (4.25')	Total/NA	Solid	8015NM Prep	
880-61509-2	CS-2 (4.25')	Total/NA	Solid	8015NM Prep	
880-61509-3	CS-3 (4.25')	Total/NA	Solid	8015NM Prep	
880-61509-4	CS-4 (4.25')	Total/NA	Solid	8015NM Prep	
880-61509-5	CS-5 (4.25')	Total/NA	Solid	8015NM Prep	
880-61509-6	CS-6 (4.25')	Total/NA	Solid	8015NM Prep	
880-61509-7	SW-1 (4.25')	Total/NA	Solid	8015NM Prep	
880-61509-8	SW-2 (4.25')	Total/NA	Solid	8015NM Prep	
880-61509-9	SW-3 (4.25')	Total/NA	Solid	8015NM Prep	
MB 880-116547/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116547/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116547/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61393-A-21-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-61393-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61509-1	CS-1 (4.25')	Total/NA	Solid	8015B NM	116547
880-61509-2	CS-2 (4.25')	Total/NA	Solid	8015B NM	116547
880-61509-3	CS-3 (4.25')	Total/NA	Solid	8015B NM	116547
880-61509-4	CS-4 (4.25')	Total/NA	Solid	8015B NM	116547
880-61509-5	CS-5 (4.25')	Total/NA	Solid	8015B NM	116547
880-61509-6	CS-6 (4.25')	Total/NA	Solid	8015B NM	116547
880-61509-7	SW-1 (4.25')	Total/NA	Solid	8015B NM	116547
880-61509-8	SW-2 (4.25')	Total/NA	Solid	8015B NM	116547
880-61509-9	SW-3 (4.25')	Total/NA	Solid	8015B NM	116547
MB 880-116547/1-A	Method Blank	Total/NA	Solid	8015B NM	116547
LCS 880-116547/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116547
LCSD 880-116547/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116547
880-61393-A-21-B MS	Matrix Spike	Total/NA	Solid	8015B NM	116547
880-61393-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	116547

Analysis Batch: 116925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61509-1	CS-1 (4.25')	Total/NA	Solid	8015 NM	
880-61509-2	CS-2 (4.25')	Total/NA	Solid	8015 NM	
880-61509-3	CS-3 (4.25')	Total/NA	Solid	8015 NM	
880-61509-4	CS-4 (4.25')	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

GC Semi VOA (Continued)

Analysis Batch: 116925 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61509-5	CS-5 (4.25')	Total/NA	Solid	8015 NM	
880-61509-6	CS-6 (4.25')	Total/NA	Solid	8015 NM	
880-61509-7	SW-1 (4.25')	Total/NA	Solid	8015 NM	
880-61509-8	SW-2 (4.25')	Total/NA	Solid	8015 NM	
880-61509-9	SW-3 (4.25')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61509-1	CS-1 (4.25')	Soluble	Solid	DI Leach	
880-61509-2	CS-2 (4.25')	Soluble	Solid	DI Leach	
880-61509-3	CS-3 (4.25')	Soluble	Solid	DI Leach	
880-61509-4	CS-4 (4.25')	Soluble	Solid	DI Leach	
880-61509-5	CS-5 (4.25')	Soluble	Solid	DI Leach	
880-61509-6	CS-6 (4.25')	Soluble	Solid	DI Leach	
880-61509-7	SW-1 (4.25')	Soluble	Solid	DI Leach	
880-61509-8	SW-2 (4.25')	Soluble	Solid	DI Leach	
880-61509-9	SW-3 (4.25')	Soluble	Solid	DI Leach	
MB 880-116811/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116811/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116811/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61509-1 MS	CS-1 (4.25')	Soluble	Solid	DI Leach	
880-61509-1 MSD	CS-1 (4.25')	Soluble	Solid	DI Leach	

Analysis Batch: 116879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61509-1	CS-1 (4.25')	Soluble	Solid	300.0	116811
880-61509-2	CS-2 (4.25')	Soluble	Solid	300.0	116811
880-61509-3	CS-3 (4.25')	Soluble	Solid	300.0	116811
880-61509-4	CS-4 (4.25')	Soluble	Solid	300.0	116811
880-61509-5	CS-5 (4.25')	Soluble	Solid	300.0	116811
880-61509-6	CS-6 (4.25')	Soluble	Solid	300.0	116811
880-61509-7	SW-1 (4.25')	Soluble	Solid	300.0	116811
880-61509-8	SW-2 (4.25')	Soluble	Solid	300.0	116811
880-61509-9	SW-3 (4.25')	Soluble	Solid	300.0	116811
MB 880-116811/1-A	Method Blank	Soluble	Solid	300.0	116811
LCS 880-116811/2-A	Lab Control Sample	Soluble	Solid	300.0	116811
LCSD 880-116811/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116811
880-61509-1 MS	CS-1 (4.25')	Soluble	Solid	300.0	116811
880-61509-1 MSD	CS-1 (4.25')	Soluble	Solid	300.0	116811

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

Client Sample ID: CS-1 (4.25')

Lab Sample ID: 880-61509-1

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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	116779	08/15/25 11:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116861	08/16/25 20:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116975	08/16/25 20:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			116925	08/17/25 10:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116547	08/12/25 17:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116859	08/17/25 10:18	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116811	08/15/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			116879	08/18/25 12:00	CS	EET MID

Client Sample ID: CS-2 (4.25')

Lab Sample ID: 880-61509-2

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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	116779	08/15/25 11:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116861	08/16/25 20:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116975	08/16/25 20:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			116925	08/17/25 10:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116547	08/12/25 17:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116859	08/17/25 10:33	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116811	08/15/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			116879	08/18/25 12:17	CS	EET MID

Client Sample ID: CS-3 (4.25')

Lab Sample ID: 880-61509-3

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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	116779	08/15/25 11:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116861	08/16/25 21:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116975	08/16/25 21:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			116925	08/17/25 10:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116547	08/12/25 17:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116859	08/17/25 10:50	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	116811	08/15/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			116879	08/18/25 12:22	CS	EET MID

Client Sample ID: CS-4 (4.25')

Lab Sample ID: 880-61509-4

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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	116779	08/15/25 11:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116861	08/16/25 21:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116975	08/16/25 21:23	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

Client Sample ID: CS-4 (4.25')

Lab Sample ID: 880-61509-4

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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			116925	08/17/25 11:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116547	08/12/25 17:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116859	08/17/25 11:05	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116811	08/15/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			116879	08/18/25 12:28	CS	EET MID

Client Sample ID: CS-5 (4.25')

Lab Sample ID: 880-61509-5

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	116779	08/15/25 11:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116861	08/16/25 21:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116975	08/16/25 21:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			116925	08/17/25 11:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116547	08/12/25 17:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116859	08/17/25 11:21	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116811	08/15/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			116879	08/18/25 12:34	CS	EET MID

Client Sample ID: CS-6 (4.25')

Lab Sample ID: 880-61509-6

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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	116779	08/15/25 11:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116861	08/16/25 22:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116975	08/16/25 22:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			116925	08/17/25 11:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116547	08/12/25 17:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116859	08/17/25 11:37	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116811	08/15/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			116879	08/18/25 12:51	CS	EET MID

Client Sample ID: SW-1 (4.25')

Lab Sample ID: 880-61509-7

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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	116779	08/15/25 11:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116861	08/16/25 22:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116975	08/16/25 22:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			116925	08/17/25 11:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116547	08/12/25 17:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116859	08/17/25 11:54	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

Client Sample ID: SW-1 (4.25')

Lab Sample ID: 880-61509-7

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	116811	08/15/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			116879	08/18/25 12:56	CS	EET MID

Client Sample ID: SW-2 (4.25')

Lab Sample ID: 880-61509-8

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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	116868	08/18/25 07:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116870	08/18/25 12:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116975	08/18/25 12:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			116925	08/17/25 12:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116547	08/12/25 17:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116859	08/17/25 12:10	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116811	08/15/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			116879	08/18/25 13:25	CS	EET MID

Client Sample ID: SW-3 (4.25')

Lab Sample ID: 880-61509-9

Date Collected: 08/13/25 00:00

Matrix: Solid

Date Received: 08/15/25 08:42

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	116868	08/18/25 07:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116870	08/18/25 16:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116975	08/18/25 16:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			116925	08/17/25 12:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116547	08/12/25 17:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116859	08/17/25 12:25	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116811	08/15/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			116879	08/18/25 13:30	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea 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	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea 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: SD SWD 13 ROTF Facility

Job ID: 880-61509-1
SDG: Lea Co NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-61509-1	CS-1 (4.25')	Solid	08/13/25 00:00	08/15/25 08:42	New Mexico
880-61509-2	CS-2 (4.25')	Solid	08/13/25 00:00	08/15/25 08:42	New Mexico
880-61509-3	CS-3 (4.25')	Solid	08/13/25 00:00	08/15/25 08:42	New Mexico
880-61509-4	CS-4 (4.25')	Solid	08/13/25 00:00	08/15/25 08:42	New Mexico
880-61509-5	CS-5 (4.25')	Solid	08/13/25 00:00	08/15/25 08:42	New Mexico
880-61509-6	CS-6 (4.25')	Solid	08/13/25 00:00	08/15/25 08:42	New Mexico
880-61509-7	SW-1 (4.25')	Solid	08/13/25 00:00	08/15/25 08:42	New Mexico
880-61509-8	SW-2 (4.25')	Solid	08/13/25 00:00	08/15/25 08:42	New Mexico
880-61509-9	SW-3 (4.25')	Solid	08/13/25 00:00	08/15/25 08:42	New Mexico

Chain of Custody

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



880-61509 Chain of Custody

V

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

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

Turn Around		Due Date:		TAT starts the day received by the lab, if received by 4:30pm		Parameters		ANALYSIS REQUEST												Preservative Codes	
☐ Routine	☒ Rush	72 hr																		None: NO	DI Water: H ₂ O
Project Name:		SD SWD 13 ROTF Facility																		Cool: Cool	MeOH: Me
Project Number:		2750																		HCL: HC	HNO ₃ : HN
Project Location:		Lea Co, NM																		H ₂ SO ₄ : H ₂	NaOH: Na
Sampler's Name:		KR																		H ₃ PO ₄ : HP	
PO #:																				NaHSO ₄ : NABIS	
Received Intact:		Yes		No		Thermometer ID:														Na ₂ S ₂ O ₃ : NaSO ₃	
Cooler Custody Seals:		Yes		No		Correction Factor:														Zn Acetate+NaOH: Zn	
Sample Custody Seals:		Yes		No		Temperature Reading:														NaOH+Ascorbic Acid: SAPC	
Total Containers:						Corrected Temperature:															
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-1 (4.25')		8/13/2025		X		C	1	X	X	X											
CS-2 (4.25')		8/13/2025		X		C	1	X	X	X											
CS-3 (4.25')		8/13/2025		X		C	1	X	X	X											
CS-4 (4.25')		8/13/2025		X		C	1	X	X	X											
CS-5 (4.25')		8/13/2025		X		C	1	X	X	X											
CS-6 (4.25')		8/13/2025		X		C	1	X	X	X											
SW-1 (4.25')		8/13/2025		X		C	1	X	X	X											
SW-2 (4.25')		8/13/2025		X		C	1	X	X	X											
SW-3 (4.25')		8/13/2025		X		C	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
		8/15/25			
		842			
		6			

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-61509-1

SDG Number: Lea Co NM

Login Number: 61509

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	



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

August 22, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: SD SWD 13 ROTF FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 08/19/25 13:44.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celest D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celest 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: 08/19/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 7 (4.25') (H255152-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2025	ND	1.62	80.9	2.00	3.85	
Toluene*	<0.050	0.050	08/19/2025	ND	1.70	84.8	2.00	5.32	
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.71	85.7	2.00	5.79	
Total Xylenes*	<0.150	0.150	08/19/2025	ND	5.04	84.0	6.00	5.98	
Total BTEX	<0.300	0.300	08/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1780	16.0	08/20/2025	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2025	ND	199	99.6	200	1.85	
DRO >C10-C28*	<10.0	10.0	08/19/2025	ND	194	96.9	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	08/19/2025	ND					

Surrogate: 1-Chlorooctane 88.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.9 % 40.6-153

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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: 08/19/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 8 (4.25') (H255152-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2025	ND	1.62	80.9	2.00	3.85		
Toluene*	<0.050	0.050	08/19/2025	ND	1.70	84.8	2.00	5.32		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.71	85.7	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	5.04	84.0	6.00	5.98		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1970	16.0	08/20/2025	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2025	ND	199	99.6	200	1.85	
DRO >C10-C28*	<10.0	10.0	08/19/2025	ND	194	96.9	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	08/19/2025	ND					

Surrogate: 1-Chlorooctane 96.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.4 % 40.6-153

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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: 08/19/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 9 (4.25') (H255152-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2025	ND	1.62	80.9	2.00	3.85		
Toluene*	<0.050	0.050	08/19/2025	ND	1.70	84.8	2.00	5.32		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.71	85.7	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	5.04	84.0	6.00	5.98		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	08/20/2025	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2025	ND	199	99.6	200	1.85	
DRO >C10-C28*	<10.0	10.0	08/19/2025	ND	194	96.9	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	08/19/2025	ND					

Surrogate: 1-Chlorooctane 79.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.3 % 40.6-153

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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: 08/19/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 10 (4.25') (H255152-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2025	ND	1.62	80.9	2.00	3.85		
Toluene*	<0.050	0.050	08/19/2025	ND	1.70	84.8	2.00	5.32		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.71	85.7	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	5.04	84.0	6.00	5.98		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8320	16.0	08/20/2025	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2025	ND	199	99.6	200	1.85	
DRO >C10-C28*	<10.0	10.0	08/19/2025	ND	194	96.9	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	08/19/2025	ND					

Surrogate: 1-Chlorooctane 94.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.0 % 40.6-153

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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: 08/19/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 11 (4.25') (H255152-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2025	ND	1.62	80.9	2.00	3.85		
Toluene*	<0.050	0.050	08/19/2025	ND	1.70	84.8	2.00	5.32		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.71	85.7	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	5.04	84.0	6.00	5.98		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	08/20/2025	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2025	ND	199	99.6	200	1.85	
DRO >C10-C28*	<10.0	10.0	08/19/2025	ND	194	96.9	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	08/19/2025	ND					

Surrogate: 1-Chlorooctane 89.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.8 % 40.6-153

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*=Accredited Analyte

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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: 08/19/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 12 (4.25') (H255152-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2025	ND	1.62	80.9	2.00	3.85		
Toluene*	<0.050	0.050	08/19/2025	ND	1.70	84.8	2.00	5.32		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.71	85.7	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	5.04	84.0	6.00	5.98		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	08/20/2025	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2025	ND	199	99.6	200	1.85	
DRO >C10-C28*	<10.0	10.0	08/19/2025	ND	194	96.9	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	08/19/2025	ND					

Surrogate: 1-Chlorooctane 78.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/19/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 13 (4.25') (H255152-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2025	ND	1.62	80.9	2.00	3.85		
Toluene*	<0.050	0.050	08/20/2025	ND	1.70	84.8	2.00	5.32		
Ethylbenzene*	<0.050	0.050	08/20/2025	ND	1.71	85.7	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/20/2025	ND	5.04	84.0	6.00	5.98		
Total BTEX	<0.300	0.300	08/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3280	16.0	08/20/2025	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2025	ND	199	99.6	200	1.85	
DRO >C10-C28*	<10.0	10.0	08/19/2025	ND	194	96.9	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	08/19/2025	ND					

Surrogate: 1-Chlorooctane 90.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.7 % 40.6-153

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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: 08/19/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 14 (4.25') (H255152-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2025	ND	1.62	80.9	2.00	3.85		
Toluene*	<0.050	0.050	08/20/2025	ND	1.70	84.8	2.00	5.32		
Ethylbenzene*	<0.050	0.050	08/20/2025	ND	1.71	85.7	2.00	5.79		
Total Xylenes*	<0.150	0.150	08/20/2025	ND	5.04	84.0	6.00	5.98		
Total BTEX	<0.300	0.300	08/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1440	16.0	08/20/2025	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2025	ND	199	99.6	200	1.85	
DRO >C10-C28*	<10.0	10.0	08/19/2025	ND	194	96.9	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	08/19/2025	ND					

Surrogate: 1-Chlorooctane 80.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No:

HA557522

Page 1 of 1

Page 11 of 11

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:	SD SWD 13 ROTF Facility	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2750	Due Date:	72 hr														None: NO - DI Water: H ₂ O		
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool MeOH: Me		
Sampler's Name:	KR																HCL: HC HNO ₃ : HN		
PO #:																	H ₂ SO ₄ : H ₂ NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐													H ₃ PO ₄ : HP		
Received Intact:	Yes ☒ No ☐	Thermometer ID:	#140														NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:	+0.3°C														Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:	-2.8°C														Zn Acetate+NaOH: Zn		
Total Containers:		Corrected Temperature:	-2.5°C														NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-7 (4.25)	8/19/2025		X		C	1	X	X	X										
CS-8 (4.25)	8/19/2025		X		C	1	X	X	X										
CS-9 (4.25)	8/19/2025		X		C	1	X	X	X										
CS-10 (4.25)	8/19/2025		X		C	1	X	X	X										
CS-11 (4.25)	8/19/2025		X		C	1	X	X	X										
CS-12 (4.25)	8/19/2025		X		C	1	X	X	X										
CS-13 (4.25)	8/19/2025		X		C	1	X	X	X										
CS-14 (4.25)	8/19/2025		X		C	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
1	2	8-19-25 1344	3	4	
4	5		6		



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

August 22, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: SD SWD 13 ROTF FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 08/20/25 11:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "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: 08/20/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 15 (4.25') (H255184-01)

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	08/21/2025	ND	1.81	90.4	2.00	1.31	
Toluene*	<0.050	0.050	08/21/2025	ND	1.89	94.4	2.00	1.43	
Ethylbenzene*	<0.050	0.050	08/21/2025	ND	1.89	94.3	2.00	1.48	
Total Xylenes*	<0.150	0.150	08/21/2025	ND	5.58	93.1	6.00	1.64	
Total BTX	<0.300	0.300	08/21/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	912	16.0	08/21/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2025	ND	209	105	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/20/2025	ND	201	101	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	08/20/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 111 % 40.6-153

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Analytical Results For:

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

Received: 08/20/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 16 (4.25') (H255184-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2025	ND	1.81	90.4	2.00	1.31		
Toluene*	<0.050	0.050	08/21/2025	ND	1.89	94.4	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/21/2025	ND	1.89	94.3	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/21/2025	ND	5.58	93.1	6.00	1.64		
Total BTEx	<0.300	0.300	08/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2050	16.0	08/21/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2025	ND	209	105	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/20/2025	ND	201	101	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	08/20/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 109 % 40.6-153

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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: 08/20/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 17 (4.25') (H255184-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2025	ND	1.81	90.4	2.00	1.31		
Toluene*	<0.050	0.050	08/21/2025	ND	1.89	94.4	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/21/2025	ND	1.89	94.3	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/21/2025	ND	5.58	93.1	6.00	1.64		
Total BTEX	<0.300	0.300	08/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	08/21/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2025	ND	209	105	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/20/2025	ND	201	101	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	08/20/2025	ND					

Surrogate: 1-Chlorooctane 97.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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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: 08/20/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 18 (4.25') (H255184-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2025	ND	1.81	90.4	2.00	1.31		
Toluene*	<0.050	0.050	08/21/2025	ND	1.89	94.4	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/21/2025	ND	1.89	94.3	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/21/2025	ND	5.58	93.1	6.00	1.64		
Total BTEX	<0.300	0.300	08/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6960	16.0	08/21/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2025	ND	209	105	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/20/2025	ND	201	101	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	08/20/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/20/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (4.25') (H255184-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2025	ND	1.81	90.4	2.00	1.31		
Toluene*	<0.050	0.050	08/21/2025	ND	1.89	94.4	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/21/2025	ND	1.89	94.3	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/21/2025	ND	5.58	93.1	6.00	1.64		
Total BTEX	<0.300	0.300	08/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/21/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2025	ND	209	105	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/20/2025	ND	201	101	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	08/20/2025	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.1 % 40.6-153

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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: 08/20/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (4.25') (H255184-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2025	ND	1.81	90.4	2.00	1.31		
Toluene*	<0.050	0.050	08/21/2025	ND	1.89	94.4	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/21/2025	ND	1.89	94.3	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/21/2025	ND	5.58	93.1	6.00	1.64		
Total BTEX	<0.300	0.300	08/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/21/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2025	ND	209	105	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/20/2025	ND	201	101	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	08/20/2025	ND					

Surrogate: 1-Chlorooctane 97.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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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: 08/20/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (4.25') (H255184-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2025	ND	1.81	90.4	2.00	1.31		
Toluene*	<0.050	0.050	08/21/2025	ND	1.89	94.4	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/21/2025	ND	1.89	94.3	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/21/2025	ND	5.58	93.1	6.00	1.64		
Total BTEX	<0.300	0.300	08/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/21/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2025	ND	209	105	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/20/2025	ND	201	101	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	08/20/2025	ND					

Surrogate: 1-Chlorooctane 84.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.7 % 40.6-153

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Analytical Results For:

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

Received: 08/20/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 7 (4.25') (H255184-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2025	ND	1.81	90.4	2.00	1.31		
Toluene*	<0.050	0.050	08/21/2025	ND	1.89	94.4	2.00	1.43		
Ethylbenzene*	<0.050	0.050	08/21/2025	ND	1.89	94.3	2.00	1.48		
Total Xylenes*	<0.150	0.150	08/21/2025	ND	5.58	93.1	6.00	1.64		
Total BTEX	<0.300	0.300	08/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/21/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2025	ND	209	105	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/20/2025	ND	201	101	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	08/20/2025	ND					

Surrogate: 1-Chlorooctane 91.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.6 % 40.6-153

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Analytical Results For:

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

Received: 08/20/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 8 (4.25') (H255184-09)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2025	ND	1.73	86.7	2.00	9.00		
Toluene*	<0.050	0.050	08/21/2025	ND	1.81	90.6	2.00	7.04		
Ethylbenzene*	<0.050	0.050	08/21/2025	ND	1.82	91.1	2.00	6.36		
Total Xylenes*	<0.150	0.150	08/21/2025	ND	5.58	93.0	6.00	6.34		
Total BTX	<0.300	0.300	08/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/21/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2025	ND	209	105	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/20/2025	ND	201	101	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	08/20/2025	ND					

Surrogate: 1-Chlorooctane 80.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.1 % 40.6-153

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Analytical Results For:

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

Received: 08/20/2025
 Reported: 08/22/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 9 (4.25') (H255184-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2025	ND	1.73	86.7	2.00	9.00		
Toluene*	<0.050	0.050	08/21/2025	ND	1.81	90.6	2.00	7.04		
Ethylbenzene*	<0.050	0.050	08/21/2025	ND	1.82	91.1	2.00	6.36		
Total Xylenes*	<0.150	0.150	08/21/2025	ND	5.58	93.0	6.00	6.34		
Total BTEX	<0.300	0.300	08/21/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	08/21/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2025	ND	209	105	200	2.01	
DRO >C10-C28*	<10.0	10.0	08/20/2025	ND	201	101	200	0.310	
EXT DRO >C28-C36	<10.0	10.0	08/20/2025	ND					

Surrogate: 1-Chlorooctane 99.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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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:

HA55184

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 ☐ Unfund
State of Project:	
Reporting Level II	☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Name:	SD SWD 13 ROTF Facility	Turn Around	☐ Routine ☒ Rush	48 hr	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	2750																	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC			
Project Location:	Lea Co, NM	Due Date:																			
Sampler's Name:	KR	TAT starts the day received by the lab, if received by 4:30pm																			
PO #:																					
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Thermometer ID:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	#140	Parameters												
Received Intact:	Yes ☒ No ☐	Correction Factor:	N/A	Temperature Reading:	4.1	Corrected Temperature:	4.4														
Cooler Custody Seals:	Yes ☒ No ☐																				
Sample Custody Seals:	Yes ☒ No ☐																				
Total Containers:																					
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont														Sample Comments	
CS-15 (4.25')	8/19/2025		X		C	1	X	X	X												
CS-16 (4.25')	8/19/2025		X		C	1	X	X	X												
CS-17 (4.25')	8/19/2025		X		C	1	X	X	X												
CS-18 (4.25')	8/19/2025		X		C	1	X	X	X												
SW-4 (4.25')	8/19/2025		X		C	1	X	X	X												
SW-5 (4.25')	8/19/2025		X		C	1	X	X	X												
SW-6 (4.25')	8/19/2025		X		C	1	X	X	X												
SW-7 (4.25')	8/19/2025		X		C	1	X	X	X												
SW-8 (4.25')	8/19/2025		X		C	1	X	X	X												
SW-9 (4.25')	8/19/2025		X		C	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



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 8/28/2025 2:58:59 PM

JOB DESCRIPTION

SD SWD 13 ROTF FACILITY
2750

JOB NUMBER

890-8724-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

Authorization



Generated
8/28/2025 2:58:59 PM

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

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Laboratory Job ID: 890-8724-1
SDG: 2750

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	43
QC Sample Results	46
QC Association Summary	60
Lab Chronicle	71
Certification Summary	86
Method Summary	87
Sample Summary	88
Chain of Custody	89
Receipt Checklists	95

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

Definitions/Glossary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1

Job ID: 890-8724-1

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Job Narrative 890-8724-1

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

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

Receipt

The samples were received on 8/26/2025 10:44 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -0.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS - 19 (4.5') (890-8724-1), CS - 20 (4.5') (890-8724-2), CS - 21 (4.5') (890-8724-3), CS - 22 (4.5') (890-8724-4), CS - 23 (4.5') (890-8724-5), CS - 24 (4.5') (890-8724-6), CS - 25 (4.5') (890-8724-7), CS - 26 (4.5') (890-8724-8), CS - 27 (4.5') (890-8724-9), CS - 28 (4.5') (890-8724-10), CS - 29 (4.5') (890-8724-11), CS - 30 (4.5') (890-8724-12), CS - 31 (4.5') (890-8724-13), CS - 32 (4.5') (890-8724-14), CS - 33 (4.5') (890-8724-15), CS - 34 (4.5') (890-8724-16), CS - 35 (4.5') (890-8724-17), CS - 36 (4.5') (890-8724-18), SW - 37 (4.5') (890-8724-19), SW - 10 (4.5') (890-8724-20), SW - 11 (4.5') (890-8724-21), SW - 12 (4.5') (890-8724-22), SW - 13 (4.5') (890-8724-23), SW - 14 (4.5') (890-8724-24), SW - 15 (4.5') (890-8724-25), SW - 16 (4.5') (890-8724-26), SW - 17 (4.5') (890-8724-27), SW - 18 (4.5') (890-8724-28), SW - 19 (4.5') (890-8724-29), SW - 20 (4.5') (890-8724-30), SW - 21 (4.5') (890-8724-31), SW - 22 (4.5') (890-8724-32), SW - 23 (4.5') (890-8724-33), SW - 24 (4.5') (890-8724-34), SW - 25 (4.5') (890-8724-35), SW - 26 (4.5') (890-8724-36), SW - 27 (4.5') (890-8724-37), SW - 28 (4.5') (890-8724-38), SW - 29 (4.5') (890-8724-39), SW - 30 (4.5') (890-8724-40), SW - 31 (4.5') (890-8724-41), SW - 32 (4.5') (890-8724-42), SW - 33 (4.5') (890-8724-43), SW - 34 (4.5') (890-8724-44), SW - 35 (4.5') (890-8724-45), SW - 36 (4.5') (890-8724-46), SW - 37 (4.5') (890-8724-47), SW - 38 (4.5') (890-8724-48) and SW - 39 (4.5') (890-8724-49).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW - 14 (4.5') (890-8724-24), SW - 16 (4.5') (890-8724-26) and SW - 17 (4.5') (890-8724-27). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

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 880-117653 and analytical batch 880-117695 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 880-117655 and analytical batch 880-117689 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: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 19 (4.5')

Lab Sample ID: 890-8724-1

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/27/25 22:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/27/25 22:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/27/25 22:56	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/27/25 09:26	08/27/25 22:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/27/25 22:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/27/25 09:26	08/27/25 22:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/27/25 09:26	08/27/25 22:56	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/27/25 09:26	08/27/25 22:56	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			08/27/25 22:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/27/25 19:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/27/25 19:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/27/25 19:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/27/25 19:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130	08/27/25 07:55	08/27/25 19:29	1
o-Terphenyl (Surr)	102		70 - 130	08/27/25 07:55	08/27/25 19:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2770	F1	49.8		mg/Kg			08/27/25 13:40	5

Client Sample ID: CS - 20 (4.5')

Lab Sample ID: 890-8724-2

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:26	08/27/25 23:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:26	08/27/25 23:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:26	08/27/25 23:17	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/27/25 09:26	08/27/25 23:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:26	08/27/25 23:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/27/25 09:26	08/27/25 23:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	08/27/25 09:26	08/27/25 23:17	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/27/25 09:26	08/27/25 23:17	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 20 (4.5')

Lab Sample ID: 890-8724-2

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/27/25 23:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/27/25 20:16	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		08/27/25 07:55	08/27/25 20:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/27/25 07:55	08/27/25 20:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/27/25 07:55	08/27/25 20:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				08/27/25 07:55	08/27/25 20:16	1
o-Terphenyl (Surr)	103		70 - 130				08/27/25 07:55	08/27/25 20:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	462		10.1		mg/Kg			08/27/25 13:57	1

Client Sample ID: CS - 21 (4.5')

Lab Sample ID: 890-8724-3

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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		08/27/25 09:26	08/27/25 23:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:26	08/27/25 23:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:26	08/27/25 23:37	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/27/25 09:26	08/27/25 23:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:26	08/27/25 23:37	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/27/25 09:26	08/27/25 23:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				08/27/25 09:26	08/27/25 23:37	1
1,4-Difluorobenzene (Surr)	95		70 - 130				08/27/25 09:26	08/27/25 23:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/27/25 23:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/27/25 20:31	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		08/27/25 07:55	08/27/25 20:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/27/25 20:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 21 (4.5')

Lab Sample ID: 890-8724-3

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/27/25 20:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				08/27/25 07:55	08/27/25 20:31	1
o-Terphenyl (Surr)	104		70 - 130				08/27/25 07:55	08/27/25 20:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3970		49.5		mg/Kg			08/27/25 14:03	5

Client Sample ID: CS - 22 (4.5')

Lab Sample ID: 890-8724-4

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/27/25 23:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/27/25 23:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/27/25 23:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/27/25 09:26	08/27/25 23:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/27/25 23:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/27/25 09:26	08/27/25 23:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				08/27/25 09:26	08/27/25 23:58	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/27/25 09:26	08/27/25 23:58	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			08/27/25 23:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/27/25 20:46	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	<49.8	U	49.8		mg/Kg		08/27/25 07:55	08/27/25 20:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/27/25 07:55	08/27/25 20:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/27/25 07:55	08/27/25 20:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				08/27/25 07:55	08/27/25 20:46	1
o-Terphenyl (Surr)	101		70 - 130				08/27/25 07:55	08/27/25 20:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3380		50.5		mg/Kg			08/27/25 14:09	5

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 23 (4.5')

Lab Sample ID: 890-8724-5

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:26	08/28/25 00:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:26	08/28/25 00:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:26	08/28/25 00:18	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/27/25 09:26	08/28/25 00:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:26	08/28/25 00:18	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/27/25 09:26	08/28/25 00:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	08/27/25 09:26	08/28/25 00:18	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/27/25 09:26	08/28/25 00:18	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			08/28/25 00:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/27/25 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	<49.9	U	49.9		mg/Kg		08/27/25 07:55	08/27/25 21:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/27/25 07:55	08/27/25 21:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/27/25 07:55	08/27/25 21:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130	08/27/25 07:55	08/27/25 21:02	1
o-Terphenyl (Surr)	101		70 - 130	08/27/25 07:55	08/27/25 21:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1070		50.3		mg/Kg			08/27/25 14:14	5

Client Sample ID: CS - 24 (4.5')

Lab Sample ID: 890-8724-6

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:26	08/28/25 00:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:26	08/28/25 00:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:26	08/28/25 00:39	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/27/25 09:26	08/28/25 00:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:26	08/28/25 00:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/27/25 09:26	08/28/25 00:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	08/27/25 09:26	08/28/25 00:39	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/27/25 09:26	08/28/25 00:39	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 24 (4.5')

Lab Sample ID: 890-8724-6

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/28/25 00:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/27/25 21:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/27/25 21:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/27/25 21:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/27/25 21:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				08/27/25 07:55	08/27/25 21:18	1
o-Terphenyl (Surr)	101		70 - 130				08/27/25 07:55	08/27/25 21:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2400		49.5		mg/Kg			08/27/25 14:31	5

Client Sample ID: CS - 25 (4.5')

Lab Sample ID: 890-8724-7

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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		08/27/25 09:26	08/28/25 00:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:26	08/28/25 00:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:26	08/28/25 00:59	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/27/25 09:26	08/28/25 00:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:26	08/28/25 00:59	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/27/25 09:26	08/28/25 00:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				08/27/25 09:26	08/28/25 00:59	1
1,4-Difluorobenzene (Surr)	94		70 - 130				08/27/25 09:26	08/28/25 00:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/28/25 00:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/27/25 21:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/27/25 07:55	08/27/25 21:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/27/25 07:55	08/27/25 21:33	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 25 (4.5')

Lab Sample ID: 890-8724-7

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/27/25 07:55	08/27/25 21:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				08/27/25 07:55	08/27/25 21:33	1
o-Terphenyl (Surr)	102		70 - 130				08/27/25 07:55	08/27/25 21:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1780		50.4		mg/Kg			08/27/25 14:37	5

Client Sample ID: CS - 26 (4.5')

Lab Sample ID: 890-8724-8

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/28/25 01:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/28/25 01:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/28/25 01:20	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/27/25 09:26	08/28/25 01:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/28/25 01:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/27/25 09:26	08/28/25 01:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				08/27/25 09:26	08/28/25 01:20	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/27/25 09:26	08/28/25 01:20	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			08/28/25 01:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/27/25 21:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/27/25 21:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/27/25 21:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/27/25 21:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				08/27/25 07:55	08/27/25 21:50	1
o-Terphenyl (Surr)	101		70 - 130				08/27/25 07:55	08/27/25 21:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2340		50.3		mg/Kg			08/27/25 14:43	5

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 27 (4.5')

Lab Sample ID: 890-8724-9

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:26	08/28/25 01:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:26	08/28/25 01:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:26	08/28/25 01:40	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		08/27/25 09:26	08/28/25 01:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:26	08/28/25 01:40	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/27/25 09:26	08/28/25 01:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	08/27/25 09:26	08/28/25 01:40	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/27/25 09:26	08/28/25 01:40	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			08/28/25 01:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/27/25 22:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/27/25 07:55	08/27/25 22:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/27/25 07:55	08/27/25 22:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/27/25 07:55	08/27/25 22:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130	08/27/25 07:55	08/27/25 22:05	1
o-Terphenyl (Surr)	114		70 - 130	08/27/25 07:55	08/27/25 22:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1040		49.8		mg/Kg			08/27/25 15:22	5

Client Sample ID: CS - 28 (4.5')

Lab Sample ID: 890-8724-10

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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		08/27/25 09:26	08/28/25 02:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:26	08/28/25 02:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:26	08/28/25 02:01	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/27/25 09:26	08/28/25 02:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:26	08/28/25 02:01	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/27/25 09:26	08/28/25 02:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	08/27/25 09:26	08/28/25 02:01	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/27/25 09:26	08/28/25 02:01	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 28 (4.5')

Lab Sample ID: 890-8724-10

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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			08/28/25 02:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/27/25 22:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/27/25 07:55	08/27/25 22:20	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/27/25 07:55	08/27/25 22:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/27/25 07:55	08/27/25 22:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				08/27/25 07:55	08/27/25 22:20	1
o-Terphenyl (Surr)	102		70 - 130				08/27/25 07:55	08/27/25 22:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2160		50.2		mg/Kg			08/27/25 14:54	5

Client Sample ID: CS - 29 (4.5')

Lab Sample ID: 890-8724-11

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/28/25 03:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/28/25 03:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/28/25 03:34	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/27/25 09:26	08/28/25 03:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/28/25 03:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/27/25 09:26	08/28/25 03:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				08/27/25 09:26	08/28/25 03:34	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/27/25 09:26	08/28/25 03:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/28/25 03:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/27/25 22:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/27/25 07:55	08/27/25 22:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/27/25 07:55	08/27/25 22:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 29 (4.5')

Lab Sample ID: 890-8724-11

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/27/25 07:55	08/27/25 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				08/27/25 07:55	08/27/25 22:51	1
o-Terphenyl (Surr)	103		70 - 130				08/27/25 07:55	08/27/25 22:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	890	F1	10.0		mg/Kg			08/27/25 15:00	1

Client Sample ID: CS - 30 (4.5')

Lab Sample ID: 890-8724-12

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/28/25 03:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/28/25 03:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/28/25 03:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/27/25 09:26	08/28/25 03:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/28/25 03:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/27/25 09:26	08/28/25 03:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				08/27/25 09:26	08/28/25 03:55	1
1,4-Difluorobenzene (Surr)	91		70 - 130				08/27/25 09:26	08/28/25 03:55	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			08/28/25 03:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/27/25 23:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/27/25 07:55	08/27/25 23:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/27/25 07:55	08/27/25 23:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/27/25 07:55	08/27/25 23:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				08/27/25 07:55	08/27/25 23:06	1
o-Terphenyl (Surr)	102		70 - 130				08/27/25 07:55	08/27/25 23:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1340		49.5		mg/Kg			08/27/25 15:17	5

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 31 (4.5')

Lab Sample ID: 890-8724-13

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/28/25 04:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/28/25 04:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/28/25 04:15	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		08/27/25 09:26	08/28/25 04:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/28/25 04:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/27/25 09:26	08/28/25 04:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	08/27/25 09:26	08/28/25 04:15	1
1,4-Difluorobenzene (Surr)	94		70 - 130	08/27/25 09:26	08/28/25 04:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/28/25 04:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/27/25 23:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/27/25 23:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/27/25 23:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/27/25 23:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130	08/27/25 07:55	08/27/25 23:22	1
o-Terphenyl (Surr)	102		70 - 130	08/27/25 07:55	08/27/25 23:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1450		49.8		mg/Kg			08/27/25 16:25	5

Client Sample ID: CS - 32 (4.5')

Lab Sample ID: 890-8724-14

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/28/25 04:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/28/25 04:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/28/25 04:36	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/27/25 09:26	08/28/25 04:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/28/25 04:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/27/25 09:26	08/28/25 04:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/27/25 09:26	08/28/25 04:36	1
1,4-Difluorobenzene (Surr)	89		70 - 130	08/27/25 09:26	08/28/25 04:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 32 (4.5')

Lab Sample ID: 890-8724-14

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/28/25 04:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/27/25 23:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/27/25 23:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/27/25 23:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/27/25 23:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				08/27/25 07:55	08/27/25 23:37	1
o-Terphenyl (Surr)	100		70 - 130				08/27/25 07:55	08/27/25 23:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2050		50.2		mg/Kg			08/27/25 15:45	5

Client Sample ID: CS - 33 (4.5')

Lab Sample ID: 890-8724-15

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:26	08/28/25 04:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:26	08/28/25 04:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:26	08/28/25 04:56	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/27/25 09:26	08/28/25 04:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:26	08/28/25 04:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/27/25 09:26	08/28/25 04:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				08/27/25 09:26	08/28/25 04:56	1
1,4-Difluorobenzene (Surr)	94		70 - 130				08/27/25 09:26	08/28/25 04:56	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			08/28/25 04:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/27/25 23:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/27/25 07:55	08/27/25 23:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/27/25 07:55	08/27/25 23:53	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 33 (4.5')

Lab Sample ID: 890-8724-15

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/27/25 07:55	08/27/25 23:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				08/27/25 07:55	08/27/25 23:53	1
o-Terphenyl (Surr)	104		70 - 130				08/27/25 07:55	08/27/25 23:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3000		49.5		mg/Kg			08/27/25 15:51	5

Client Sample ID: CS - 34 (4.5')

Lab Sample ID: 890-8724-16

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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		08/27/25 09:26	08/28/25 05:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:26	08/28/25 05:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:26	08/28/25 05:17	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/27/25 09:26	08/28/25 05:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:26	08/28/25 05:17	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/27/25 09:26	08/28/25 05:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				08/27/25 09:26	08/28/25 05:17	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/27/25 09:26	08/28/25 05:17	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			08/28/25 05:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/28/25 00:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/27/25 07:55	08/28/25 00:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/27/25 07:55	08/28/25 00:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/27/25 07:55	08/28/25 00:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130				08/27/25 07:55	08/28/25 00:09	1
o-Terphenyl (Surr)	106		70 - 130				08/27/25 07:55	08/28/25 00:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2440		50.5		mg/Kg			08/27/25 16:30	5

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 35 (4.5')

Lab Sample ID: 890-8724-17

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/28/25 05:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/28/25 05:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/28/25 05:37	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/27/25 09:26	08/28/25 05:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:26	08/28/25 05:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/27/25 09:26	08/28/25 05:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/27/25 09:26	08/28/25 05:37	1
1,4-Difluorobenzene (Surr)	94		70 - 130	08/27/25 09:26	08/28/25 05:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/28/25 05:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/28/25 00:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/28/25 00:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/28/25 00:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/28/25 00:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	08/27/25 07:55	08/28/25 00:24	1
o-Terphenyl (Surr)	103		70 - 130	08/27/25 07:55	08/28/25 00:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.7		10.1		mg/Kg			08/27/25 16:02	1

Client Sample ID: CS - 36 (4.5')

Lab Sample ID: 890-8724-18

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:26	08/28/25 05:58	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:26	08/28/25 05:58	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:26	08/28/25 05:58	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/27/25 09:26	08/28/25 05:58	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:26	08/28/25 05:58	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/27/25 09:26	08/28/25 05:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	08/27/25 09:26	08/28/25 05:58	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/27/25 09:26	08/28/25 05:58	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 36 (4.5')

Lab Sample ID: 890-8724-18

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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			08/28/25 05:58	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			08/28/25 00:41	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		08/27/25 07:55	08/28/25 00:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/27/25 07:55	08/28/25 00:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/27/25 07:55	08/28/25 00:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				08/27/25 07:55	08/28/25 00:41	1
o-Terphenyl (Surr)	101		70 - 130				08/27/25 07:55	08/28/25 00:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2270		49.8		mg/Kg			08/27/25 16:08	5

Client Sample ID: SW - 37 (4.5')

Lab Sample ID: 890-8724-19

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/28/25 06:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/28/25 06:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/28/25 06:18	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/27/25 09:26	08/28/25 06:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/28/25 06:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/27/25 09:26	08/28/25 06:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				08/27/25 09:26	08/28/25 06:18	1
1,4-Difluorobenzene (Surr)	90		70 - 130				08/27/25 09:26	08/28/25 06:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/28/25 06:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/28/25 00:56	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		08/27/25 07:55	08/28/25 00:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/28/25 00:56	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 37 (4.5')

Lab Sample ID: 890-8724-19

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/28/25 00:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				08/27/25 07:55	08/28/25 00:56	1
o-Terphenyl (Surr)	104		70 - 130				08/27/25 07:55	08/28/25 00:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3870		50.1		mg/Kg			08/27/25 16:13	5

Client Sample ID: SW - 10 (4.5')

Lab Sample ID: 890-8724-20

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/28/25 06:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/28/25 06:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/28/25 06:39	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/27/25 09:26	08/28/25 06:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/28/25 06:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/27/25 09:26	08/28/25 06:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				08/27/25 09:26	08/28/25 06:39	1
1,4-Difluorobenzene (Surr)	93		70 - 130				08/27/25 09:26	08/28/25 06:39	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			08/28/25 06:39	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			08/28/25 01:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/27/25 07:55	08/28/25 01:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/27/25 07:55	08/28/25 01:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/27/25 07:55	08/28/25 01:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				08/27/25 07:55	08/28/25 01:12	1
o-Terphenyl (Surr)	98		70 - 130				08/27/25 07:55	08/28/25 01:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.5		9.96		mg/Kg			08/27/25 16:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW -11 (4.5')

Lab Sample ID: 890-8724-21

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:28	08/27/25 18:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:28	08/27/25 18:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:28	08/27/25 18:39	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/27/25 09:28	08/27/25 18:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:28	08/27/25 18:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/27/25 09:28	08/27/25 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	08/27/25 09:28	08/27/25 18:39	1
1,4-Difluorobenzene (Surr)	117		70 - 130	08/27/25 09:28	08/27/25 18:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/27/25 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	<50.0	U	50.0		mg/Kg			08/27/25 19:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 19:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 19:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 19:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130	08/27/25 07:56	08/27/25 19:29	1
o-Terphenyl (Surr)	100		70 - 130	08/27/25 07:56	08/27/25 19:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	182		10.1		mg/Kg			08/27/25 17:09	1

Client Sample ID: SW -12 (4.5')

Lab Sample ID: 890-8724-22

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:28	08/27/25 19:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:28	08/27/25 19:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:28	08/27/25 19:00	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/27/25 09:28	08/27/25 19:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:28	08/27/25 19:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/27/25 09:28	08/27/25 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	08/27/25 09:28	08/27/25 19:00	1
1,4-Difluorobenzene (Surr)	115		70 - 130	08/27/25 09:28	08/27/25 19:00	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW -12 (4.5')

Lab Sample ID: 890-8724-22

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/27/25 19:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/27/25 20:16	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		08/27/25 07:56	08/27/25 20:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/27/25 07:56	08/27/25 20:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/27/25 07:56	08/27/25 20:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				08/27/25 07:56	08/27/25 20:16	1
o-Terphenyl (Surr)	100		70 - 130				08/27/25 07:56	08/27/25 20:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	161		9.98		mg/Kg			08/27/25 17:27	1

Client Sample ID: SW - 13 (4.5')

Lab Sample ID: 890-8724-23

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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		08/27/25 09:28	08/27/25 19:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:28	08/27/25 19:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:28	08/27/25 19:20	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/27/25 09:28	08/27/25 19:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:28	08/27/25 19:20	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/27/25 09:28	08/27/25 19:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				08/27/25 09:28	08/27/25 19:20	1
1,4-Difluorobenzene (Surr)	122		70 - 130				08/27/25 09:28	08/27/25 19:20	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			08/27/25 19:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/27/25 20:31	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		08/27/25 07:56	08/27/25 20:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 20:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 13 (4.5')

Lab Sample ID: 890-8724-23

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 20:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				08/27/25 07:56	08/27/25 20:31	1
o-Terphenyl (Surr)	100		70 - 130				08/27/25 07:56	08/27/25 20:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	327		10.1		mg/Kg			08/27/25 17:32	1

Client Sample ID: SW - 14 (4.5')

Lab Sample ID: 890-8724-24

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:28	08/27/25 19:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:28	08/27/25 19:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:28	08/27/25 19:41	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/27/25 09:28	08/27/25 19:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:28	08/27/25 19:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/27/25 09:28	08/27/25 19:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				08/27/25 09:28	08/27/25 19:41	1
1,4-Difluorobenzene (Surr)	152	S1+	70 - 130				08/27/25 09:28	08/27/25 19:41	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			08/27/25 19:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/27/25 20:46	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		08/27/25 07:56	08/27/25 20:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/27/25 07:56	08/27/25 20:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/27/25 07:56	08/27/25 20:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				08/27/25 07:56	08/27/25 20:46	1
o-Terphenyl (Surr)	102		70 - 130				08/27/25 07:56	08/27/25 20:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220		10.1		mg/Kg			08/27/25 17:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 15 (4.5')

Lab Sample ID: 890-8724-25

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:28	08/27/25 20:01	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:28	08/27/25 20:01	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:28	08/27/25 20:01	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/27/25 09:28	08/27/25 20:01	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:28	08/27/25 20:01	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/27/25 09:28	08/27/25 20:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	08/27/25 09:28	08/27/25 20:01	1
1,4-Difluorobenzene (Surr)	119		70 - 130	08/27/25 09:28	08/27/25 20:01	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			08/27/25 20:01	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			08/27/25 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		08/27/25 07:56	08/27/25 21:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/27/25 07:56	08/27/25 21:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/27/25 07:56	08/27/25 21:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	08/27/25 07:56	08/27/25 21:02	1
o-Terphenyl (Surr)	101		70 - 130	08/27/25 07:56	08/27/25 21:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.9		9.90		mg/Kg			08/27/25 17:44	1

Client Sample ID: SW -16 (4.5')

Lab Sample ID: 890-8724-26

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:28	08/27/25 20:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:28	08/27/25 20:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:28	08/27/25 20:22	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/27/25 09:28	08/27/25 20:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:28	08/27/25 20:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/27/25 09:28	08/27/25 20:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	08/27/25 09:28	08/27/25 20:22	1
1,4-Difluorobenzene (Surr)	159	S1+	70 - 130	08/27/25 09:28	08/27/25 20:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW -16 (4.5')

Lab Sample ID: 890-8724-26

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/27/25 20:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/27/25 21:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 21:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 21:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 21:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				08/27/25 07:56	08/27/25 21:18	1
o-Terphenyl (Surr)	99		70 - 130				08/27/25 07:56	08/27/25 21:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.6		10.1		mg/Kg			08/27/25 18:02	1

Client Sample ID: SW - 17 (4.5')

Lab Sample ID: 890-8724-27

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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		08/27/25 09:28	08/27/25 20:42	1
Toluene	0.00277		0.00202		mg/Kg		08/27/25 09:28	08/27/25 20:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:28	08/27/25 20:42	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/27/25 09:28	08/27/25 20:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:28	08/27/25 20:42	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/27/25 09:28	08/27/25 20:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				08/27/25 09:28	08/27/25 20:42	1
1,4-Difluorobenzene (Surr)	176	S1+	70 - 130				08/27/25 09:28	08/27/25 20:42	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			08/27/25 20:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/27/25 21:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/27/25 07:56	08/27/25 21:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/27/25 07:56	08/27/25 21:33	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 17 (4.5')

Lab Sample ID: 890-8724-27

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/27/25 07:56	08/27/25 21:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				08/27/25 07:56	08/27/25 21:33	1
o-Terphenyl (Surr)	95		70 - 130				08/27/25 07:56	08/27/25 21:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		10.1		mg/Kg			08/27/25 18:08	1

Client Sample ID: SW - 18 (4.5')

Lab Sample ID: 890-8724-28

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:28	08/27/25 21:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:28	08/27/25 21:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:28	08/27/25 21:03	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/27/25 09:28	08/27/25 21:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:28	08/27/25 21:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/27/25 09:28	08/27/25 21:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				08/27/25 09:28	08/27/25 21:03	1
1,4-Difluorobenzene (Surr)	120		70 - 130				08/27/25 09:28	08/27/25 21:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/27/25 21:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/27/25 21:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/27/25 07:56	08/27/25 21:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/27/25 07:56	08/27/25 21:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/27/25 07:56	08/27/25 21:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				08/27/25 07:56	08/27/25 21:50	1
o-Terphenyl (Surr)	93		70 - 130				08/27/25 07:56	08/27/25 21:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		9.96		mg/Kg			08/27/25 18:14	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 19 (4.5')

Lab Sample ID: 890-8724-29

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:28	08/27/25 21:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:28	08/27/25 21:23	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:28	08/27/25 21:23	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		08/27/25 09:28	08/27/25 21:23	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:28	08/27/25 21:23	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/27/25 09:28	08/27/25 21:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	08/27/25 09:28	08/27/25 21:23	1
1,4-Difluorobenzene (Surr)	127		70 - 130	08/27/25 09:28	08/27/25 21:23	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			08/27/25 21:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/27/25 22:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 22:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 22:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 22:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130	08/27/25 07:56	08/27/25 22:05	1
o-Terphenyl (Surr)	100		70 - 130	08/27/25 07:56	08/27/25 22:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.2		10.1		mg/Kg			08/27/25 18:20	1

Client Sample ID: SW - 20 (4.5')

Lab Sample ID: 890-8724-30

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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		08/27/25 09:28	08/27/25 21:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:28	08/27/25 21:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:28	08/27/25 21:44	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/27/25 09:28	08/27/25 21:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:28	08/27/25 21:44	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/27/25 09:28	08/27/25 21:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	08/27/25 09:28	08/27/25 21:44	1
1,4-Difluorobenzene (Surr)	122		70 - 130	08/27/25 09:28	08/27/25 21:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 20 (4.5')

Lab Sample ID: 890-8724-30

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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			08/27/25 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	<50.0	U	50.0		mg/Kg			08/27/25 22:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 22:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 22:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 22:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				08/27/25 07:56	08/27/25 22:20	1
o-Terphenyl (Surr)	99		70 - 130				08/27/25 07:56	08/27/25 22:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.1		10.1		mg/Kg			08/27/25 18:26	1

Client Sample ID: SW - 21 (4.5')

Lab Sample ID: 890-8724-31

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 11:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 11:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 11:48	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		08/28/25 08:49	08/28/25 11:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 11:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/28/25 08:49	08/28/25 11:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				08/28/25 08:49	08/28/25 11:48	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/28/25 08:49	08/28/25 11:48	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			08/28/25 11:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/27/25 22:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/27/25 07:56	08/27/25 22:51	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/27/25 07:56	08/27/25 22:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 21 (4.5')

Lab Sample ID: 890-8724-31

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/27/25 07:56	08/27/25 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				08/27/25 07:56	08/27/25 22:51	1
o-Terphenyl (Surr)	104		70 - 130				08/27/25 07:56	08/27/25 22:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.2		10.0		mg/Kg			08/27/25 18:32	1

Client Sample ID: SW - 22 (4.5')

Lab Sample ID: 890-8724-32

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/28/25 08:49	08/28/25 12:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/28/25 08:49	08/28/25 12:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/28/25 08:49	08/28/25 12:08	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/28/25 08:49	08/28/25 12:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/28/25 08:49	08/28/25 12:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/28/25 08:49	08/28/25 12:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				08/28/25 08:49	08/28/25 12:08	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/28/25 08:49	08/28/25 12:08	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			08/28/25 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/27/25 23:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 23:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 23:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 23:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				08/27/25 07:56	08/27/25 23:06	1
o-Terphenyl (Surr)	101		70 - 130				08/27/25 07:56	08/27/25 23:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.4		9.96		mg/Kg			08/27/25 18:49	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 23 (4.5')

Lab Sample ID: 890-8724-33

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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		08/28/25 08:49	08/28/25 12:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/28/25 08:49	08/28/25 12:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/28/25 08:49	08/28/25 12:29	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/28/25 08:49	08/28/25 12:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/28/25 08:49	08/28/25 12:29	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/28/25 08:49	08/28/25 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	08/28/25 08:49	08/28/25 12:29	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/28/25 08:49	08/28/25 12:29	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			08/28/25 12:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/27/25 23:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/27/25 07:56	08/27/25 23:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/27/25 07:56	08/27/25 23:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/27/25 07:56	08/27/25 23:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130	08/27/25 07:56	08/27/25 23:22	1
o-Terphenyl (Surr)	104		70 - 130	08/27/25 07:56	08/27/25 23:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		10.1		mg/Kg			08/27/25 18:55	1

Client Sample ID: SW - 24 (4.5')

Lab Sample ID: 890-8724-34

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/28/25 08:49	08/28/25 12:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/28/25 08:49	08/28/25 12:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/28/25 08:49	08/28/25 12:49	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/28/25 08:49	08/28/25 12:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/28/25 08:49	08/28/25 12:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/28/25 08:49	08/28/25 12:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	08/28/25 08:49	08/28/25 12:49	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/28/25 08:49	08/28/25 12:49	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 24 (4.5')

Lab Sample ID: 890-8724-34

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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			08/28/25 12:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/27/25 23:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/27/25 07:56	08/27/25 23:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/27/25 07:56	08/27/25 23:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/27/25 07:56	08/27/25 23:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				08/27/25 07:56	08/27/25 23:37	1
o-Terphenyl (Surr)	103		70 - 130				08/27/25 07:56	08/27/25 23:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	159		10.1		mg/Kg			08/27/25 19:13	1

Client Sample ID: SW - 25 (4.5')

Lab Sample ID: 890-8724-35

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/28/25 08:49	08/28/25 13:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/28/25 08:49	08/28/25 13:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/28/25 08:49	08/28/25 13:10	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/28/25 08:49	08/28/25 13:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/28/25 08:49	08/28/25 13:10	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/28/25 08:49	08/28/25 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				08/28/25 08:49	08/28/25 13:10	1
1,4-Difluorobenzene (Surr)	95		70 - 130				08/28/25 08:49	08/28/25 13:10	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			08/28/25 13:10	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			08/27/25 23:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 23:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 23:53	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 25 (4.5')

Lab Sample ID: 890-8724-35

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/27/25 23:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				08/27/25 07:56	08/27/25 23:53	1
o-Terphenyl (Surr)	102		70 - 130				08/27/25 07:56	08/27/25 23:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.8		10.0		mg/Kg			08/27/25 19:19	1

Client Sample ID: SW - 26 (4.5')

Lab Sample ID: 890-8724-36

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 13:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 13:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 13:30	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		08/28/25 08:49	08/28/25 13:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 13:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/28/25 08:49	08/28/25 13:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/28/25 08:49	08/28/25 13:30	1
1,4-Difluorobenzene (Surr)	95		70 - 130				08/28/25 08:49	08/28/25 13:30	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			08/28/25 13:30	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			08/28/25 00:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/27/25 07:56	08/28/25 00:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/27/25 07:56	08/28/25 00:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/27/25 07:56	08/28/25 00:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				08/27/25 07:56	08/28/25 00:09	1
o-Terphenyl (Surr)	107		70 - 130				08/27/25 07:56	08/28/25 00:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118	F1	9.96		mg/Kg			08/27/25 13:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 27 (4.5')

Lab Sample ID: 890-8724-37

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/28/25 08:49	08/28/25 13:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/28/25 08:49	08/28/25 13:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/28/25 08:49	08/28/25 13:51	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/28/25 08:49	08/28/25 13:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/28/25 08:49	08/28/25 13:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/28/25 08:49	08/28/25 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	08/28/25 08:49	08/28/25 13:51	1
1,4-Difluorobenzene (Surr)	94		70 - 130	08/28/25 08:49	08/28/25 13:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/28/25 13:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/28/25 00:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/28/25 00:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/28/25 00:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/28/25 00:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	08/27/25 07:56	08/28/25 00:24	1
o-Terphenyl (Surr)	104		70 - 130	08/27/25 07:56	08/28/25 00:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.8		10.1		mg/Kg			08/27/25 14:05	1

Client Sample ID: SW - 28 (4.5')

Lab Sample ID: 890-8724-38

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/28/25 08:49	08/28/25 14:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/28/25 08:49	08/28/25 14:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/28/25 08:49	08/28/25 14:11	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/28/25 08:49	08/28/25 14:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/28/25 08:49	08/28/25 14:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/28/25 08:49	08/28/25 14:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/28/25 08:49	08/28/25 14:11	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/28/25 08:49	08/28/25 14:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 28 (4.5')

Lab Sample ID: 890-8724-38

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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			08/28/25 14:11	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			08/28/25 00:41	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		08/27/25 07:56	08/28/25 00:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/27/25 07:56	08/28/25 00:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/27/25 07:56	08/28/25 00:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				08/27/25 07:56	08/28/25 00:41	1
o-Terphenyl (Surr)	100		70 - 130				08/27/25 07:56	08/28/25 00:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.4		10.1		mg/Kg			08/27/25 14:11	1

Client Sample ID: SW - 29 (4.5')

Lab Sample ID: 890-8724-39

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 14:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 14:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 14:32	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		08/28/25 08:49	08/28/25 14:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 14:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/28/25 08:49	08/28/25 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				08/28/25 08:49	08/28/25 14:32	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/28/25 08:49	08/28/25 14:32	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			08/28/25 14:32	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			08/28/25 00:56	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		08/27/25 07:56	08/28/25 00:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/28/25 00:56	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 29 (4.5')

Lab Sample ID: 890-8724-39

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:56	08/28/25 00:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				08/27/25 07:56	08/28/25 00:56	1
o-Terphenyl (Surr)	99		70 - 130				08/27/25 07:56	08/28/25 00:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.6		9.96		mg/Kg			08/27/25 14:17	1

Client Sample ID: SW - 30 (4.5')

Lab Sample ID: 890-8724-40

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 14:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 14:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 14:52	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		08/28/25 08:49	08/28/25 14:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 14:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/28/25 08:49	08/28/25 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/28/25 08:49	08/28/25 14:52	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/28/25 08:49	08/28/25 14:52	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			08/28/25 14:52	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			08/28/25 01:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/27/25 07:56	08/28/25 01:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/27/25 07:56	08/28/25 01:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/27/25 07:56	08/28/25 01:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				08/27/25 07:56	08/28/25 01:12	1
o-Terphenyl (Surr)	98		70 - 130				08/27/25 07:56	08/28/25 01:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.1		10.1		mg/Kg			08/27/25 14:23	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 31 (4.5')

Lab Sample ID: 890-8724-41

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:21	08/27/25 11:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:21	08/27/25 11:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:21	08/27/25 11:58	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/27/25 09:21	08/27/25 11:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:21	08/27/25 11:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/27/25 09:21	08/27/25 11:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/27/25 09:21	08/27/25 11:58	1
1,4-Difluorobenzene (Surr)	91		70 - 130	08/27/25 09:21	08/27/25 11:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/27/25 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/28/25 03:15	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		08/27/25 07:58	08/28/25 03:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:58	08/28/25 03:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:58	08/28/25 03:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130	08/27/25 07:58	08/28/25 03:15	1
o-Terphenyl (Surr)	87		70 - 130	08/27/25 07:58	08/28/25 03:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	153		10.0		mg/Kg			08/27/25 14:41	1

Client Sample ID: SW - 32 (4.5')

Lab Sample ID: 890-8724-42

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:21	08/27/25 12:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:21	08/27/25 12:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:21	08/27/25 12:19	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/27/25 09:21	08/27/25 12:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:21	08/27/25 12:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/27/25 09:21	08/27/25 12:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/27/25 09:21	08/27/25 12:19	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/27/25 09:21	08/27/25 12:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 32 (4.5')

Lab Sample ID: 890-8724-42

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/27/25 12:19	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			08/28/25 04:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/27/25 07:58	08/28/25 04:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/27/25 07:58	08/28/25 04:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/27/25 07:58	08/28/25 04:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130				08/27/25 07:58	08/28/25 04:01	1
o-Terphenyl (Surr)	89		70 - 130				08/27/25 07:58	08/28/25 04:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.2		9.98		mg/Kg			08/27/25 14:47	1

Client Sample ID: SW - 33 (4.5')

Lab Sample ID: 890-8724-43

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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		08/27/25 09:21	08/27/25 12:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:21	08/27/25 12:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:21	08/27/25 12:39	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/27/25 09:21	08/27/25 12:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:21	08/27/25 12:39	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/27/25 09:21	08/27/25 12:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				08/27/25 09:21	08/27/25 12:39	1
1,4-Difluorobenzene (Surr)	90		70 - 130				08/27/25 09:21	08/27/25 12:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/27/25 12:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/28/25 04:17	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	<50.0	U	50.0		mg/Kg		08/27/25 07:58	08/28/25 04:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:58	08/28/25 04:17	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 33 (4.5')

Lab Sample ID: 890-8724-43

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:58	08/28/25 04:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				08/27/25 07:58	08/28/25 04:17	1
o-Terphenyl (Surr)	90		70 - 130				08/27/25 07:58	08/28/25 04:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	131		10.1		mg/Kg			08/27/25 14:53	1

Client Sample ID: SW - 34 (4.5')

Lab Sample ID: 890-8724-44

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:21	08/27/25 13:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:21	08/27/25 13:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:21	08/27/25 13:00	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/27/25 09:21	08/27/25 13:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:21	08/27/25 13:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/27/25 09:21	08/27/25 13:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				08/27/25 09:21	08/27/25 13:00	1
1,4-Difluorobenzene (Surr)	93		70 - 130				08/27/25 09:21	08/27/25 13:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/27/25 13:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/28/25 04:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:58	08/28/25 04:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:58	08/28/25 04:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:58	08/28/25 04:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				08/27/25 07:58	08/28/25 04:32	1
o-Terphenyl (Surr)	86		70 - 130				08/27/25 07:58	08/28/25 04:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127		10.1		mg/Kg			08/27/25 14:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 35 (4.5')

Lab Sample ID: 890-8724-45

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:21	08/27/25 13:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:21	08/27/25 13:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:21	08/27/25 13:20	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/27/25 09:21	08/27/25 13:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/27/25 09:21	08/27/25 13:20	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/27/25 09:21	08/27/25 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	08/27/25 09:21	08/27/25 13:20	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/27/25 09:21	08/27/25 13:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/27/25 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/28/25 04:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/27/25 07:58	08/28/25 04:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/27/25 07:58	08/28/25 04:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/27/25 07:58	08/28/25 04:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130	08/27/25 07:58	08/28/25 04:47	1
o-Terphenyl (Surr)	88		70 - 130	08/27/25 07:58	08/28/25 04:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		9.96		mg/Kg			08/27/25 15:04	1

Client Sample ID: SW - 36 (4.5')

Lab Sample ID: 890-8724-46

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:21	08/27/25 13:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:21	08/27/25 13:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:21	08/27/25 13:41	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/27/25 09:21	08/27/25 13:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/27/25 09:21	08/27/25 13:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/27/25 09:21	08/27/25 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/27/25 09:21	08/27/25 13:41	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/27/25 09:21	08/27/25 13:41	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 36 (4.5')

Lab Sample ID: 890-8724-46

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/27/25 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/28/25 05:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/27/25 07:58	08/28/25 05:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/27/25 07:58	08/28/25 05:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/27/25 07:58	08/28/25 05:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				08/27/25 07:58	08/28/25 05:03	1
o-Terphenyl (Surr)	86		70 - 130				08/27/25 07:58	08/28/25 05:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.4		9.96		mg/Kg			08/27/25 15:10	1

Client Sample ID: SW - 37 (4.5')

Lab Sample ID: 890-8724-47

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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		08/27/25 09:21	08/27/25 14:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:21	08/27/25 14:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:21	08/27/25 14:01	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/27/25 09:21	08/27/25 14:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/27/25 09:21	08/27/25 14:01	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/27/25 09:21	08/27/25 14:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/27/25 09:21	08/27/25 14:01	1
1,4-Difluorobenzene (Surr)	90		70 - 130				08/27/25 09:21	08/27/25 14:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/27/25 14:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/28/25 05:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:58	08/28/25 05:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:58	08/28/25 05:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 37 (4.5')

Lab Sample ID: 890-8724-47

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:58	08/28/25 05:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				08/27/25 07:58	08/28/25 05:18	1
o-Terphenyl (Surr)	87		70 - 130				08/27/25 07:58	08/28/25 05:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2210		50.5		mg/Kg			08/27/25 15:58	5

Client Sample ID: SW - 38 (4.5')

Lab Sample ID: 890-8724-48

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:21	08/27/25 16:57	1
Toluene	0.00253		0.00199		mg/Kg		08/27/25 09:21	08/27/25 16:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:21	08/27/25 16:57	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/27/25 09:21	08/27/25 16:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:21	08/27/25 16:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/27/25 09:21	08/27/25 16:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				08/27/25 09:21	08/27/25 16:57	1
1,4-Difluorobenzene (Surr)	90		70 - 130				08/27/25 09:21	08/27/25 16:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/27/25 16:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/28/25 05:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/27/25 07:58	08/28/25 05:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/27/25 07:58	08/28/25 05:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/27/25 07:58	08/28/25 05:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				08/27/25 07:58	08/28/25 05:33	1
o-Terphenyl (Surr)	91		70 - 130				08/27/25 07:58	08/28/25 05:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3870		101		mg/Kg			08/27/25 16:04	10

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Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 39 (4.5')

Lab Sample ID: 890-8724-49

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:21	08/27/25 17:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:21	08/27/25 17:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:21	08/27/25 17:17	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/27/25 09:21	08/27/25 17:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/27/25 09:21	08/27/25 17:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/27/25 09:21	08/27/25 17:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/27/25 09:21	08/27/25 17:17	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/27/25 09:21	08/27/25 17:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/27/25 17:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/28/25 05:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:58	08/28/25 05:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:58	08/28/25 05:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:58	08/28/25 05:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130	08/27/25 07:58	08/28/25 05:49	1
o-Terphenyl (Surr)	87		70 - 130	08/27/25 07:58	08/28/25 05:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2000		49.8		mg/Kg			08/27/25 16:21	5

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Surrogate Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-8724-1	CS - 19 (4.5')	108	92
890-8724-1 MS	CS - 19 (4.5')	121	97
890-8724-1 MSD	CS - 19 (4.5')	116	102
890-8724-2	CS - 20 (4.5')	109	88
890-8724-3	CS - 21 (4.5')	118	95
890-8724-4	CS - 22 (4.5')	107	92
890-8724-5	CS - 23 (4.5')	115	93
890-8724-6	CS - 24 (4.5')	122	92
890-8724-7	CS - 25 (4.5')	108	94
890-8724-8	CS - 26 (4.5')	120	92
890-8724-9	CS - 27 (4.5')	121	92
890-8724-10	CS - 28 (4.5')	115	92
890-8724-11	CS - 29 (4.5')	117	92
890-8724-12	CS - 30 (4.5')	125	91
890-8724-13	CS - 31 (4.5')	105	94
890-8724-14	CS - 32 (4.5')	111	89
890-8724-15	CS - 33 (4.5')	109	94
890-8724-16	CS - 34 (4.5')	116	92
890-8724-17	CS - 35 (4.5')	112	94
890-8724-18	CS - 36 (4.5')	117	93
890-8724-19	SW - 37 (4.5')	124	90
890-8724-20	SW - 10 (4.5')	105	93
890-8724-21	SW - 11 (4.5')	83	117
890-8724-21 MS	SW - 11 (4.5')	85	108
890-8724-21 MSD	SW - 11 (4.5')	92	98
890-8724-22	SW - 12 (4.5')	84	115
890-8724-23	SW - 13 (4.5')	91	122
890-8724-24	SW - 14 (4.5')	91	152 S1+
890-8724-25	SW - 15 (4.5')	95	119
890-8724-26	SW - 16 (4.5')	102	159 S1+
890-8724-27	SW - 17 (4.5')	105	176 S1+
890-8724-28	SW - 18 (4.5')	91	120
890-8724-29	SW - 19 (4.5')	104	127
890-8724-30	SW - 20 (4.5')	95	122
890-8724-31	SW - 21 (4.5')	108	97
890-8724-31 MS	SW - 21 (4.5')	115	105
890-8724-31 MSD	SW - 21 (4.5')	104	102
890-8724-32	SW - 22 (4.5')	98	96
890-8724-33	SW - 23 (4.5')	109	96
890-8724-34	SW - 24 (4.5')	105	96
890-8724-35	SW - 25 (4.5')	99	95
890-8724-36	SW - 26 (4.5')	110	95
890-8724-37	SW - 27 (4.5')	114	94
890-8724-38	SW - 28 (4.5')	107	96
890-8724-39	SW - 29 (4.5')	116	97
890-8724-40	SW - 30 (4.5')	110	96
890-8724-41	SW - 31 (4.5')	111	91
890-8724-41 MS	SW - 31 (4.5')	112	101
890-8724-41 MSD	SW - 31 (4.5')	113	99

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Surrogate Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

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)
890-8724-42	SW - 32 (4.5')	108	95
890-8724-43	SW - 33 (4.5')	102	90
890-8724-44	SW - 34 (4.5')	106	93
890-8724-45	SW - 35 (4.5')	103	93
890-8724-46	SW - 36 (4.5')	107	93
890-8724-47	SW - 37 (4.5')	110	90
890-8724-48	SW - 38 (4.5')	108	90
890-8724-49	SW - 39 (4.5')	113	88
LCS 880-117671/1-A	Lab Control Sample	115	101
LCS 880-117672/1-A	Lab Control Sample	115	104
LCS 880-117673/1-A	Lab Control Sample	88	98
LCS 880-117766/1-A	Lab Control Sample	114	99
LCSD 880-117671/2-A	Lab Control Sample Dup	107	102
LCSD 880-117672/2-A	Lab Control Sample Dup	114	102
LCSD 880-117673/2-A	Lab Control Sample Dup	94	104
LCSD 880-117766/2-A	Lab Control Sample Dup	105	101
MB 880-117671/5-A	Method Blank	107	93
MB 880-117672/5-A	Method Blank	105	88
MB 880-117673/5-A	Method Blank	76	123
MB 880-117766/5-A	Method Blank	106	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-8724-1	CS - 19 (4.5')	101	102
890-8724-1 MS	CS - 19 (4.5')	93	102
890-8724-1 MSD	CS - 19 (4.5')	111	103
890-8724-2	CS - 20 (4.5')	101	103
890-8724-3	CS - 21 (4.5')	102	104
890-8724-4	CS - 22 (4.5')	100	101
890-8724-5	CS - 23 (4.5')	101	101
890-8724-6	CS - 24 (4.5')	101	101
890-8724-7	CS - 25 (4.5')	102	102
890-8724-8	CS - 26 (4.5')	101	101
890-8724-9	CS - 27 (4.5')	115	114
890-8724-10	CS - 28 (4.5')	102	102
890-8724-11	CS - 29 (4.5')	103	103
890-8724-12	CS - 30 (4.5')	102	102
890-8724-13	CS - 31 (4.5')	102	102
890-8724-14	CS - 32 (4.5')	101	100
890-8724-15	CS - 33 (4.5')	103	104
890-8724-16	CS - 34 (4.5')	105	106
890-8724-17	CS - 35 (4.5')	104	103
890-8724-18	CS - 36 (4.5')	101	101

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Surrogate Summary

Client: Carmona Resources

Job ID: 890-8724-1

Project/Site: SD SWD 13 ROTF FACILITY

SDG: 2750

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-8724-19	SW - 37 (4.5')	103	104
890-8724-20	SW - 10 (4.5')	99	98
890-8724-21	SW -11 (4.5')	107	100
890-8724-21 MS	SW -11 (4.5')	98	99
890-8724-21 MSD	SW -11 (4.5')	97	99
890-8724-22	SW -12 (4.5')	109	100
890-8724-23	SW - 13 (4.5')	106	100
890-8724-24	SW - 14 (4.5')	109	102
890-8724-25	SW - 15 (4.5')	108	101
890-8724-26	SW -16 (4.5')	109	99
890-8724-27	SW - 17 (4.5')	108	95
890-8724-28	SW - 18 (4.5')	106	93
890-8724-29	SW - 19 (4.5')	111	100
890-8724-30	SW - 20 (4.5')	109	99
890-8724-31	SW - 21 (4.5')	109	104
890-8724-32	SW - 22 (4.5')	111	101
890-8724-33	SW - 23 (4.5')	111	104
890-8724-34	SW - 24 (4.5')	109	103
890-8724-35	SW - 25 (4.5')	108	102
890-8724-36	SW - 26 (4.5')	111	107
890-8724-37	SW - 27 (4.5')	110	104
890-8724-38	SW - 28 (4.5')	108	100
890-8724-39	SW - 29 (4.5')	109	99
890-8724-40	SW - 30 (4.5')	106	98
890-8724-41	SW - 31 (4.5')	96	87
890-8724-41 MS	SW - 31 (4.5')	87	87
890-8724-41 MSD	SW - 31 (4.5')	86	87
890-8724-42	SW - 32 (4.5')	93	89
890-8724-43	SW - 33 (4.5')	95	90
890-8724-44	SW - 34 (4.5')	91	86
890-8724-45	SW - 35 (4.5')	94	88
890-8724-46	SW - 36 (4.5')	91	86
890-8724-47	SW - 37 (4.5')	91	87
890-8724-48	SW - 38 (4.5')	95	91
890-8724-49	SW - 39 (4.5')	93	87
LCS 880-117650/2-A	Lab Control Sample	93	105
LCS 880-117651/2-A	Lab Control Sample	100	101
LCS 880-117652/2-A	Lab Control Sample	117	123
LCSD 880-117650/3-A	Lab Control Sample Dup	110	103
LCSD 880-117651/3-A	Lab Control Sample Dup	101	102
LCSD 880-117652/3-A	Lab Control Sample Dup	117	121
MB 880-117650/1-A	Method Blank	88	90
MB 880-117651/1-A	Method Blank	96	95
MB 880-117652/1-A	Method Blank	100	98

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-117671/5-A

Matrix: Solid

Analysis Batch: 117663

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 117671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:21	08/27/25 11:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:21	08/27/25 11:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:21	08/27/25 11:37	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/27/25 09:21	08/27/25 11:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:21	08/27/25 11:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/27/25 09:21	08/27/25 11:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/27/25 09:21	08/27/25 11:37	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/27/25 09:21	08/27/25 11:37	1

Lab Sample ID: LCS 880-117671/1-A

Matrix: Solid

Analysis Batch: 117663

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 117671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1027		mg/Kg		103	70 - 130
Toluene	0.100	0.09177		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.1016		mg/Kg		102	70 - 130
m,p-Xylenes	0.200	0.2008		mg/Kg		100	70 - 130
o-Xylene	0.100	0.09975		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-117671/2-A

Matrix: Solid

Analysis Batch: 117663

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 117671

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09832		mg/Kg		98	70 - 130	4	35
Toluene	0.100	0.08561		mg/Kg		86	70 - 130	7	35
Ethylbenzene	0.100	0.09584		mg/Kg		96	70 - 130	6	35
m,p-Xylenes	0.200	0.1862		mg/Kg		93	70 - 130	8	35
o-Xylene	0.100	0.09284		mg/Kg		93	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-8724-41 MS

Matrix: Solid

Analysis Batch: 117663

Client Sample ID: SW - 31 (4.5')

Prep Type: Total/NA

Prep Batch: 117671

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08877		mg/Kg		89	70 - 130
Toluene	<0.00200	U	0.100	0.08052		mg/Kg		81	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

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

Lab Sample ID: 890-8724-41 MS

Matrix: Solid

Analysis Batch: 117663

Client Sample ID: SW - 31 (4.5')

Prep Type: Total/NA

Prep Batch: 117671

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.09064		mg/Kg		91	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1796		mg/Kg		90	70 - 130
o-Xylene	<0.00200	U	0.100	0.08841		mg/Kg		88	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-8724-41 MSD

Matrix: Solid

Analysis Batch: 117663

Client Sample ID: SW - 31 (4.5')

Prep Type: Total/NA

Prep Batch: 117671

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	0.09121		mg/Kg		91	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.08315		mg/Kg		83	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.09394		mg/Kg		94	70 - 130	4	35
m,p-Xylenes	<0.00400	U	0.200	0.1839		mg/Kg		92	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.09118		mg/Kg		91	70 - 130	3	35

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

Lab Sample ID: MB 880-117672/5-A

Matrix: Solid

Analysis Batch: 117663

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 117672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/27/25 22:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/27/25 22:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/27/25 22:35	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/27/25 09:26	08/27/25 22:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:26	08/27/25 22:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/27/25 09:26	08/27/25 22:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	08/27/25 09:26	08/27/25 22:35	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/27/25 09:26	08/27/25 22:35	1

Lab Sample ID: LCS 880-117672/1-A

Matrix: Solid

Analysis Batch: 117663

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 117672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09996		mg/Kg		100	70 - 130
Toluene	0.100	0.09063		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.1026		mg/Kg		103	70 - 130
m,p-Xylenes	0.200	0.1985		mg/Kg		99	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

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

Lab Sample ID: LCS 880-117672/1-A

Matrix: Solid

Analysis Batch: 117663

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 117672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1004		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-117672/2-A

Matrix: Solid

Analysis Batch: 117663

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 117672

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1041		mg/Kg		104	70 - 130	4	35
Toluene	0.100	0.09281		mg/Kg		93	70 - 130	2	35
Ethylbenzene	0.100	0.1017		mg/Kg		102	70 - 130	1	35
m,p-Xylenes	0.200	0.1972		mg/Kg		99	70 - 130	1	35
o-Xylene	0.100	0.09898		mg/Kg		99	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-8724-1 MS

Matrix: Solid

Analysis Batch: 117663

Client Sample ID: CS - 19 (4.5')

Prep Type: Total/NA

Prep Batch: 117672

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09014		mg/Kg		90	70 - 130
Toluene	<0.00200	U	0.100	0.08578		mg/Kg		86	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09611		mg/Kg		96	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1889		mg/Kg		94	70 - 130
o-Xylene	<0.00200	U	0.100	0.09457		mg/Kg		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-8724-1 MSD

Matrix: Solid

Analysis Batch: 117663

Client Sample ID: CS - 19 (4.5')

Prep Type: Total/NA

Prep Batch: 117672

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09090		mg/Kg		91	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.07906		mg/Kg		79	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.100	0.08661		mg/Kg		87	70 - 130	10	35
m,p-Xylenes	<0.00400	U	0.200	0.1670		mg/Kg		83	70 - 130	12	35
o-Xylene	<0.00200	U	0.100	0.08377		mg/Kg		84	70 - 130	12	35

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

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

Lab Sample ID: 890-8724-1 MSD

Matrix: Solid

Analysis Batch: 117663

Client Sample ID: CS - 19 (4.5')

Prep Type: Total/NA

Prep Batch: 117672

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-117673/5-A

Matrix: Solid

Analysis Batch: 117736

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 117673

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:28	08/27/25 18:18	1	
Toluene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:28	08/27/25 18:18	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:28	08/27/25 18:18	1	
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/27/25 09:28	08/27/25 18:18	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/27/25 09:28	08/27/25 18:18	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/27/25 09:28	08/27/25 18:18	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	76		70 - 130				08/27/25 09:28	08/27/25 18:18	1	
1,4-Difluorobenzene (Surr)	123		70 - 130				08/27/25 09:28	08/27/25 18:18	1	

Lab Sample ID: LCS 880-117673/1-A

Matrix: Solid

Analysis Batch: 117736

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 117673

Analyte	Spike	LCS	LCS						%Rec	
	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.09406		mg/Kg		94	70 - 130			
Toluene	0.100	0.09430		mg/Kg		94	70 - 130			
Ethylbenzene	0.100	0.09496		mg/Kg		95	70 - 130			
m,p-Xylenes	0.200	0.1824		mg/Kg		91	70 - 130			
o-Xylene	0.100	0.08458		mg/Kg		85	70 - 130			

	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	88		70 - 130							
1,4-Difluorobenzene (Surr)	98		70 - 130							

Lab Sample ID: LCSD 880-117673/2-A

Matrix: Solid

Analysis Batch: 117736

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 117673

Analyte	Spike	LCSD	LCSD						%Rec	RPD	Limit
	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD			
Benzene	0.100	0.1014		mg/Kg		101	70 - 130	7		35	
Toluene	0.100	0.09840		mg/Kg		98	70 - 130	4		35	
Ethylbenzene	0.100	0.09924		mg/Kg		99	70 - 130	4		35	
m,p-Xylenes	0.200	0.1931		mg/Kg		97	70 - 130	6		35	
o-Xylene	0.100	0.09018		mg/Kg		90	70 - 130	6		35	

	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	94		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

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

Lab Sample ID: LCSD 880-117673/2-A

Matrix: Solid

Analysis Batch: 117736

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 117673

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

Lab Sample ID: 890-8724-21 MS

Matrix: Solid

Analysis Batch: 117736

Client Sample ID: SW -11 (4.5')

Prep Type: Total/NA

Prep Batch: 117673

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00200	U	0.100	0.08170		mg/Kg		82	70 - 130
Toluene	<0.00200	U	0.100	0.08157		mg/Kg		82	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07784		mg/Kg		78	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1551		mg/Kg		78	70 - 130
o-Xylene	<0.00200	U	0.100	0.07203		mg/Kg		72	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 890-8724-21 MSD

Matrix: Solid

Analysis Batch: 117736

Client Sample ID: SW -11 (4.5')

Prep Type: Total/NA

Prep Batch: 117673

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09165		mg/Kg		92	70 - 130	11	35
Toluene	<0.00200	U	0.100	0.09218		mg/Kg		92	70 - 130	12	35
Ethylbenzene	<0.00200	U	0.100	0.09109		mg/Kg		91	70 - 130	16	35
m,p-Xylenes	<0.00400	U	0.200	0.1797		mg/Kg		90	70 - 130	15	35
o-Xylene	<0.00200	U	0.100	0.08379		mg/Kg		84	70 - 130	15	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-117766/5-A

Matrix: Solid

Analysis Batch: 117761

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 117766

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 11:26	1	
Toluene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 11:26	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 11:26	1	
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/28/25 08:49	08/28/25 11:26	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/28/25 08:49	08/28/25 11:26	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/28/25 08:49	08/28/25 11:26	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
4-Bromofluorobenzene (Surr)	106		70 - 130	08/28/25 08:49	08/28/25 11:26	1				
1,4-Difluorobenzene (Surr)	93		70 - 130	08/28/25 08:49	08/28/25 11:26	1				

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

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

Lab Sample ID: LCS 880-117766/1-A

Matrix: Solid

Analysis Batch: 117761

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 117766

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08695		mg/Kg		87	70 - 130
Toluene	0.100	0.07807		mg/Kg		78	70 - 130
Ethylbenzene	0.100	0.08867		mg/Kg		89	70 - 130
m,p-Xylenes	0.200	0.1757		mg/Kg		88	70 - 130
o-Xylene	0.100	0.08740		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-117766/2-A

Matrix: Solid

Analysis Batch: 117761

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 117766

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1050		mg/Kg		105	70 - 130	19	35
Toluene	0.100	0.09654		mg/Kg		97	70 - 130	21	35
Ethylbenzene	0.100	0.1079		mg/Kg		108	70 - 130	20	35
m,p-Xylenes	0.200	0.2130		mg/Kg		107	70 - 130	19	35
o-Xylene	0.100	0.1054		mg/Kg		105	70 - 130	19	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-8724-31 MS

Matrix: Solid

Analysis Batch: 117761

Client Sample ID: SW - 21 (4.5')

Prep Type: Total/NA

Prep Batch: 117766

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1050		mg/Kg		105	70 - 130
Toluene	<0.00200	U	0.100	0.09421		mg/Kg		94	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1071		mg/Kg		107	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.2105		mg/Kg		105	70 - 130
o-Xylene	<0.00200	U	0.100	0.1038		mg/Kg		104	70 - 130

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

Lab Sample ID: 890-8724-31 MSD

Matrix: Solid

Analysis Batch: 117761

Client Sample ID: SW - 21 (4.5')

Prep Type: Total/NA

Prep Batch: 117766

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	0.09285		mg/Kg		93	70 - 130	12	35
Toluene	<0.00200	U	0.100	0.08578		mg/Kg		86	70 - 130	9	35
Ethylbenzene	<0.00200	U	0.100	0.09796		mg/Kg		98	70 - 130	9	35

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

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

Lab Sample ID: 890-8724-31 MSD

Matrix: Solid

Analysis Batch: 117761

Client Sample ID: SW - 21 (4.5')

Prep Type: Total/NA

Prep Batch: 117766

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00399	U	0.200	0.1933		mg/Kg		97	70 - 130	9	35
o-Xylene	<0.00200	U	0.100	0.09645		mg/Kg		96	70 - 130	7	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	104		70 - 130								
1,4-Difluorobenzene (Surr)	102		70 - 130								

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

Lab Sample ID: MB 880-117650/1-A

Matrix: Solid

Analysis Batch: 117681

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 117650

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		08/27/25 07:54	08/27/25 18:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:54	08/27/25 18:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:54	08/27/25 18:43	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130				08/27/25 07:54	08/27/25 18:43	1
o-Terphenyl (Surr)	90		70 - 130				08/27/25 07:54	08/27/25 18:43	1

Lab Sample ID: LCS 880-117650/2-A

Matrix: Solid

Analysis Batch: 117681

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 117650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1065		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1142		mg/Kg		114	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane (Surr)	93		70 - 130						
o-Terphenyl (Surr)	105		70 - 130						

Lab Sample ID: LCSD 880-117650/3-A

Matrix: Solid

Analysis Batch: 117681

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 117650

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1054		mg/Kg		105	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1044		mg/Kg		104	70 - 130	9	20

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

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

Lab Sample ID: LCSD 880-117650/3-A

Matrix: Solid

Analysis Batch: 117681

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 117650

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	110		70 - 130
o-Terphenyl (Surr)	103		70 - 130

Lab Sample ID: 890-8724-1 MS

Matrix: Solid

Analysis Batch: 117681

Client Sample ID: CS - 19 (4.5')

Prep Type: Total/NA

Prep Batch: 117650

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	905.4		mg/Kg		91	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	999	956.5		mg/Kg		96	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	93		70 - 130							
o-Terphenyl (Surr)	102		70 - 130							

Lab Sample ID: 890-8724-1 MSD

Matrix: Solid

Analysis Batch: 117681

Client Sample ID: CS - 19 (4.5')

Prep Type: Total/NA

Prep Batch: 117650

	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	<50.0	U	999	884.9		mg/Kg		89	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	999	891.2		mg/Kg		89	70 - 130	7	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane (Surr)	111		70 - 130									
o-Terphenyl (Surr)	103		70 - 130									

Lab Sample ID: MB 880-117651/1-A

Matrix: Solid

Analysis Batch: 117683

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 117651

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:54	08/27/25 18:43	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:54	08/27/25 18:43	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:54	08/27/25 18:43	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac	
1-Chlorooctane (Surr)	96		70 - 130				08/27/25 07:54	08/27/25 18:43	1		
o-Terphenyl (Surr)	95		70 - 130				08/27/25 07:54	08/27/25 18:43	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

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

Lab Sample ID: LCS 880-117651/2-A

Matrix: Solid

Analysis Batch: 117683

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 117651

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	972.0		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	878.5		mg/Kg		88	70 - 130		

Lab Sample ID: LCSD 880-117651/3-A

Matrix: Solid

Analysis Batch: 117683

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 117651

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	972.8		mg/Kg		97	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	911.0		mg/Kg		91	70 - 130	4	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	101		70 - 130								
o-Terphenyl (Surr)	102		70 - 130								

Lab Sample ID: 890-8724-21 MS

Matrix: Solid

Analysis Batch: 117683

Client Sample ID: SW -11 (4.5')

Prep Type: Total/NA

Prep Batch: 117651

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	815.2		mg/Kg		82	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	739.1		mg/Kg		72	70 - 130		
	</										

Lab Sample ID: 890-8724-21 MSD

Matrix: Solid

Analysis Batch: 117683

Client Sample ID: SW -11 (4.5')

Prep Type: Total/NA

Prep Batch: 117651

	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	<50.0	U	999	822.9		mg/Kg		82	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	747.5		mg/Kg		73	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	97		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

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

Lab Sample ID: 890-8724-21 MSD

Matrix: Solid

Analysis Batch: 117683

Client Sample ID: SW -11 (4.5')

Prep Type: Total/NA

Prep Batch: 117651

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	99		70 - 130

Lab Sample ID: MB 880-117652/1-A

Matrix: Solid

Analysis Batch: 117683

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 117652

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/28/25 02:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/28/25 02:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/27/25 07:55	08/28/25 02:28	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				08/27/25 07:55	08/28/25 02:28	1
<i>o</i> -Terphenyl (Surr)	98		70 - 130				08/27/25 07:55	08/28/25 02:28	1

Lab Sample ID: LCS 880-117652/2-A

Matrix: Solid

Analysis Batch: 117683

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 117652

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	995.0		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	926.8		mg/Kg		93	70 - 130
Surrogate	LCS	LCS	Limits				
1-Chlorooctane (Surr)	117		70 - 130				
<i>o</i> -Terphenyl (Surr)	123		70 - 130				

Lab Sample ID: LCSD 880-117652/3-A

Matrix: Solid

Analysis Batch: 117683

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 117652

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	986.6		mg/Kg		99	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	917.7		mg/Kg		92	70 - 130	1	20
Surrogate	LCSD	LCSD	Limits						
1-Chlorooctane (Surr)	117		70 - 130						
<i>o</i> -Terphenyl (Surr)	121		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

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

Lab Sample ID: 890-8724-41 MS

Matrix: Solid

Analysis Batch: 117683

Client Sample ID: SW - 31 (4.5')

Prep Type: Total/NA

Prep Batch: 117652

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	820.7		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	764.8		mg/Kg		75	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	87		70 - 130						
o-Terphenyl (Surr)	87		70 - 130						

Lab Sample ID: 890-8724-41 MSD

Matrix: Solid

Analysis Batch: 117683

Client Sample ID: SW - 31 (4.5')

Prep Type: Total/NA

Prep Batch: 117652

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	834.7		mg/Kg		84	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	792.6		mg/Kg		78	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	86		70 - 130								
o-Terphenyl (Surr)	87		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-117655/1-A

Matrix: Solid

Analysis Batch: 117689

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			08/27/25 13:30	1

Lab Sample ID: LCS 880-117655/2-A

Matrix: Solid

Analysis Batch: 117689

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	259.7		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-117655/3-A

Matrix: Solid

Analysis Batch: 117689

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	258.5		mg/Kg		103	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-8724-36 MS

Matrix: Solid

Analysis Batch: 117689

Client Sample ID: SW - 26 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	118	F1	249	275.3	F1	mg/Kg		63	90 - 110		

Lab Sample ID: 890-8724-36 MSD

Matrix: Solid

Analysis Batch: 117689

Client Sample ID: SW - 26 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	118	F1	249	274.9	F1	mg/Kg		63	90 - 110	0	20

Lab Sample ID: 890-8724-46 MS

Matrix: Solid

Analysis Batch: 117689

Client Sample ID: SW - 36 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	13.4		249	272.5		mg/Kg		104	90 - 110		

Lab Sample ID: 890-8724-46 MSD

Matrix: Solid

Analysis Batch: 117689

Client Sample ID: SW - 36 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	13.4		249	272.6		mg/Kg		104	90 - 110	0	20

Lab Sample ID: MB 880-117654/1-A

Matrix: Solid

Analysis Batch: 117690

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			08/27/25 16:51	1

Lab Sample ID: LCS 880-117654/2-A

Matrix: Solid

Analysis Batch: 117690

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride		250	256.1		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-117654/3-A

Matrix: Solid

Analysis Batch: 117690

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	253.4		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 890-8724-21 MS

Matrix: Solid

Analysis Batch: 117690

Client Sample ID: SW -11 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	182		253	426.7		mg/Kg		97	90 - 110		

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-8724-21 MSD

Matrix: Solid

Analysis Batch: 117690

Client Sample ID: SW -11 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	182		253	426.1		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-8724-31 MS

Matrix: Solid

Analysis Batch: 117690

Client Sample ID: SW - 21 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	14.2		251	273.1		mg/Kg		103	90 - 110		

Lab Sample ID: 890-8724-31 MSD

Matrix: Solid

Analysis Batch: 117690

Client Sample ID: SW - 21 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14.2		251	277.2		mg/Kg		105	90 - 110	1	20

Lab Sample ID: MB 880-117653/1-A

Matrix: Solid

Analysis Batch: 117695

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			08/27/25 13:23	1

Lab Sample ID: LCS 880-117653/2-A

Matrix: Solid

Analysis Batch: 117695

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	235.8		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-117653/3-A

Matrix: Solid

Analysis Batch: 117695

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	235.5		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 890-8724-1 MS

Matrix: Solid

Analysis Batch: 117695

Client Sample ID: CS - 19 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2770	F1	1250	4693	F1	mg/Kg		155	90 - 110		

Lab Sample ID: 890-8724-1 MSD

Matrix: Solid

Analysis Batch: 117695

Client Sample ID: CS - 19 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2770	F1	1250	4655	F1	mg/Kg		152	90 - 110	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-8724-11 MS

Matrix: Solid

Analysis Batch: 117695

Client Sample ID: CS - 29 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	890	F1	251	1116		mg/Kg		90	90 - 110

Lab Sample ID: 890-8724-11 MSD

Matrix: Solid

Analysis Batch: 117695

Client Sample ID: CS - 29 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	890	F1	251	1109	F1	mg/Kg		87	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

GC VOA

Analysis Batch: 117663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-1	CS - 19 (4.5')	Total/NA	Solid	8021B	117672
890-8724-2	CS - 20 (4.5')	Total/NA	Solid	8021B	117672
890-8724-3	CS - 21 (4.5')	Total/NA	Solid	8021B	117672
890-8724-4	CS - 22 (4.5')	Total/NA	Solid	8021B	117672
890-8724-5	CS - 23 (4.5')	Total/NA	Solid	8021B	117672
890-8724-6	CS - 24 (4.5')	Total/NA	Solid	8021B	117672
890-8724-7	CS - 25 (4.5')	Total/NA	Solid	8021B	117672
890-8724-8	CS - 26 (4.5')	Total/NA	Solid	8021B	117672
890-8724-9	CS - 27 (4.5')	Total/NA	Solid	8021B	117672
890-8724-10	CS - 28 (4.5')	Total/NA	Solid	8021B	117672
890-8724-11	CS - 29 (4.5')	Total/NA	Solid	8021B	117672
890-8724-12	CS - 30 (4.5')	Total/NA	Solid	8021B	117672
890-8724-13	CS - 31 (4.5')	Total/NA	Solid	8021B	117672
890-8724-14	CS - 32 (4.5')	Total/NA	Solid	8021B	117672
890-8724-15	CS - 33 (4.5')	Total/NA	Solid	8021B	117672
890-8724-16	CS - 34 (4.5')	Total/NA	Solid	8021B	117672
890-8724-17	CS - 35 (4.5')	Total/NA	Solid	8021B	117672
890-8724-18	CS - 36 (4.5')	Total/NA	Solid	8021B	117672
890-8724-19	SW - 37 (4.5')	Total/NA	Solid	8021B	117672
890-8724-20	SW - 10 (4.5')	Total/NA	Solid	8021B	117672
890-8724-41	SW - 31 (4.5')	Total/NA	Solid	8021B	117671
890-8724-42	SW - 32 (4.5')	Total/NA	Solid	8021B	117671
890-8724-43	SW - 33 (4.5')	Total/NA	Solid	8021B	117671
890-8724-44	SW - 34 (4.5')	Total/NA	Solid	8021B	117671
890-8724-45	SW - 35 (4.5')	Total/NA	Solid	8021B	117671
890-8724-46	SW - 36 (4.5')	Total/NA	Solid	8021B	117671
890-8724-47	SW - 37 (4.5')	Total/NA	Solid	8021B	117671
890-8724-48	SW - 38 (4.5')	Total/NA	Solid	8021B	117671
890-8724-49	SW - 39 (4.5')	Total/NA	Solid	8021B	117671
MB 880-117671/5-A	Method Blank	Total/NA	Solid	8021B	117671
MB 880-117672/5-A	Method Blank	Total/NA	Solid	8021B	117672
LCS 880-117671/1-A	Lab Control Sample	Total/NA	Solid	8021B	117671
LCS 880-117672/1-A	Lab Control Sample	Total/NA	Solid	8021B	117672
LCSD 880-117671/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	117671
LCSD 880-117672/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	117672
890-8724-1 MS	CS - 19 (4.5')	Total/NA	Solid	8021B	117672
890-8724-1 MSD	CS - 19 (4.5')	Total/NA	Solid	8021B	117672
890-8724-41 MS	SW - 31 (4.5')	Total/NA	Solid	8021B	117671
890-8724-41 MSD	SW - 31 (4.5')	Total/NA	Solid	8021B	117671

Prep Batch: 117671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-41	SW - 31 (4.5')	Total/NA	Solid	5035	
890-8724-42	SW - 32 (4.5')	Total/NA	Solid	5035	
890-8724-43	SW - 33 (4.5')	Total/NA	Solid	5035	
890-8724-44	SW - 34 (4.5')	Total/NA	Solid	5035	
890-8724-45	SW - 35 (4.5')	Total/NA	Solid	5035	
890-8724-46	SW - 36 (4.5')	Total/NA	Solid	5035	
890-8724-47	SW - 37 (4.5')	Total/NA	Solid	5035	
890-8724-48	SW - 38 (4.5')	Total/NA	Solid	5035	
890-8724-49	SW - 39 (4.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

GC VOA (Continued)

Prep Batch: 117671 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-117671/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-117671/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-117671/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8724-41 MS	SW - 31 (4.5')	Total/NA	Solid	5035	
890-8724-41 MSD	SW - 31 (4.5')	Total/NA	Solid	5035	

Prep Batch: 117672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-1	CS - 19 (4.5')	Total/NA	Solid	5035	
890-8724-2	CS - 20 (4.5')	Total/NA	Solid	5035	
890-8724-3	CS - 21 (4.5')	Total/NA	Solid	5035	
890-8724-4	CS - 22 (4.5')	Total/NA	Solid	5035	
890-8724-5	CS - 23 (4.5')	Total/NA	Solid	5035	
890-8724-6	CS - 24 (4.5')	Total/NA	Solid	5035	
890-8724-7	CS - 25 (4.5')	Total/NA	Solid	5035	
890-8724-8	CS - 26 (4.5')	Total/NA	Solid	5035	
890-8724-9	CS - 27 (4.5')	Total/NA	Solid	5035	
890-8724-10	CS - 28 (4.5')	Total/NA	Solid	5035	
890-8724-11	CS - 29 (4.5')	Total/NA	Solid	5035	
890-8724-12	CS - 30 (4.5')	Total/NA	Solid	5035	
890-8724-13	CS - 31 (4.5')	Total/NA	Solid	5035	
890-8724-14	CS - 32 (4.5')	Total/NA	Solid	5035	
890-8724-15	CS - 33 (4.5')	Total/NA	Solid	5035	
890-8724-16	CS - 34 (4.5')	Total/NA	Solid	5035	
890-8724-17	CS - 35 (4.5')	Total/NA	Solid	5035	
890-8724-18	CS - 36 (4.5')	Total/NA	Solid	5035	
890-8724-19	SW - 37 (4.5')	Total/NA	Solid	5035	
890-8724-20	SW - 10 (4.5')	Total/NA	Solid	5035	
MB 880-117672/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-117672/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-117672/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8724-1 MS	CS - 19 (4.5')	Total/NA	Solid	5035	
890-8724-1 MSD	CS - 19 (4.5')	Total/NA	Solid	5035	

Prep Batch: 117673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-21	SW -11 (4.5')	Total/NA	Solid	5035	
890-8724-22	SW -12 (4.5')	Total/NA	Solid	5035	
890-8724-23	SW - 13 (4.5')	Total/NA	Solid	5035	
890-8724-24	SW - 14 (4.5')	Total/NA	Solid	5035	
890-8724-25	SW - 15 (4.5')	Total/NA	Solid	5035	
890-8724-26	SW -16 (4.5')	Total/NA	Solid	5035	
890-8724-27	SW - 17 (4.5')	Total/NA	Solid	5035	
890-8724-28	SW - 18 (4.5')	Total/NA	Solid	5035	
890-8724-29	SW - 19 (4.5')	Total/NA	Solid	5035	
890-8724-30	SW - 20 (4.5')	Total/NA	Solid	5035	
MB 880-117673/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-117673/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-117673/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8724-21 MS	SW -11 (4.5')	Total/NA	Solid	5035	
890-8724-21 MSD	SW -11 (4.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

GC VOA

Analysis Batch: 117736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-21	SW -11 (4.5')	Total/NA	Solid	8021B	117673
890-8724-22	SW -12 (4.5')	Total/NA	Solid	8021B	117673
890-8724-23	SW - 13 (4.5')	Total/NA	Solid	8021B	117673
890-8724-24	SW - 14 (4.5')	Total/NA	Solid	8021B	117673
890-8724-25	SW - 15 (4.5')	Total/NA	Solid	8021B	117673
890-8724-26	SW -16 (4.5')	Total/NA	Solid	8021B	117673
890-8724-27	SW - 17 (4.5')	Total/NA	Solid	8021B	117673
890-8724-28	SW - 18 (4.5')	Total/NA	Solid	8021B	117673
890-8724-29	SW - 19 (4.5')	Total/NA	Solid	8021B	117673
890-8724-30	SW - 20 (4.5')	Total/NA	Solid	8021B	117673
MB 880-117673/5-A	Method Blank	Total/NA	Solid	8021B	117673
LCS 880-117673/1-A	Lab Control Sample	Total/NA	Solid	8021B	117673
LCSD 880-117673/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	117673
890-8724-21 MS	SW -11 (4.5')	Total/NA	Solid	8021B	117673
890-8724-21 MSD	SW -11 (4.5')	Total/NA	Solid	8021B	117673

Analysis Batch: 117746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-1	CS - 19 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-2	CS - 20 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-3	CS - 21 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-4	CS - 22 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-5	CS - 23 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-6	CS - 24 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-7	CS - 25 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-8	CS - 26 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-9	CS - 27 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-10	CS - 28 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-11	CS - 29 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-12	CS - 30 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-13	CS - 31 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-14	CS - 32 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-15	CS - 33 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-16	CS - 34 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-17	CS - 35 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-18	CS - 36 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-19	SW - 37 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-20	SW - 10 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-21	SW -11 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-22	SW -12 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-23	SW - 13 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-24	SW - 14 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-25	SW - 15 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-26	SW -16 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-27	SW - 17 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-28	SW - 18 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-29	SW - 19 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-30	SW - 20 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-31	SW - 21 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-32	SW - 22 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-33	SW - 23 (4.5')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

GC VOA (Continued)

Analysis Batch: 117746 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-34	SW - 24 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-35	SW - 25 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-36	SW - 26 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-37	SW - 27 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-38	SW - 28 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-39	SW - 29 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-40	SW - 30 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-41	SW - 31 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-42	SW - 32 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-43	SW - 33 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-44	SW - 34 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-45	SW - 35 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-46	SW - 36 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-47	SW - 37 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-48	SW - 38 (4.5')	Total/NA	Solid	Total BTEX	
890-8724-49	SW - 39 (4.5')	Total/NA	Solid	Total BTEX	

Analysis Batch: 117761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-31	SW - 21 (4.5')	Total/NA	Solid	8021B	117766
890-8724-32	SW - 22 (4.5')	Total/NA	Solid	8021B	117766
890-8724-33	SW - 23 (4.5')	Total/NA	Solid	8021B	117766
890-8724-34	SW - 24 (4.5')	Total/NA	Solid	8021B	117766
890-8724-35	SW - 25 (4.5')	Total/NA	Solid	8021B	117766
890-8724-36	SW - 26 (4.5')	Total/NA	Solid	8021B	117766
890-8724-37	SW - 27 (4.5')	Total/NA	Solid	8021B	117766
890-8724-38	SW - 28 (4.5')	Total/NA	Solid	8021B	117766
890-8724-39	SW - 29 (4.5')	Total/NA	Solid	8021B	117766
890-8724-40	SW - 30 (4.5')	Total/NA	Solid	8021B	117766
MB 880-117766/5-A	Method Blank	Total/NA	Solid	8021B	117766
LCS 880-117766/1-A	Lab Control Sample	Total/NA	Solid	8021B	117766
LCSD 880-117766/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	117766
890-8724-31 MS	SW - 21 (4.5')	Total/NA	Solid	8021B	117766
890-8724-31 MSD	SW - 21 (4.5')	Total/NA	Solid	8021B	117766

Prep Batch: 117766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-31	SW - 21 (4.5')	Total/NA	Solid	5035	
890-8724-32	SW - 22 (4.5')	Total/NA	Solid	5035	
890-8724-33	SW - 23 (4.5')	Total/NA	Solid	5035	
890-8724-34	SW - 24 (4.5')	Total/NA	Solid	5035	
890-8724-35	SW - 25 (4.5')	Total/NA	Solid	5035	
890-8724-36	SW - 26 (4.5')	Total/NA	Solid	5035	
890-8724-37	SW - 27 (4.5')	Total/NA	Solid	5035	
890-8724-38	SW - 28 (4.5')	Total/NA	Solid	5035	
890-8724-39	SW - 29 (4.5')	Total/NA	Solid	5035	
890-8724-40	SW - 30 (4.5')	Total/NA	Solid	5035	
MB 880-117766/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-117766/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-117766/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8724-31 MS	SW - 21 (4.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

GC VOA (Continued)

Prep Batch: 117766 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-31 MSD	SW - 21 (4.5')	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 117650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-1	CS - 19 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-2	CS - 20 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-3	CS - 21 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-4	CS - 22 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-5	CS - 23 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-6	CS - 24 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-7	CS - 25 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-8	CS - 26 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-9	CS - 27 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-10	CS - 28 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-11	CS - 29 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-12	CS - 30 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-13	CS - 31 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-14	CS - 32 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-15	CS - 33 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-16	CS - 34 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-17	CS - 35 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-18	CS - 36 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-19	SW - 37 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-20	SW - 10 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-117650/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-117650/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-117650/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8724-1 MS	CS - 19 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-1 MSD	CS - 19 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 117651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-21	SW -11 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-22	SW -12 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-23	SW - 13 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-24	SW - 14 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-25	SW - 15 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-26	SW -16 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-27	SW - 17 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-28	SW - 18 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-29	SW - 19 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-30	SW - 20 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-31	SW - 21 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-32	SW - 22 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-33	SW - 23 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-34	SW - 24 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-35	SW - 25 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-36	SW - 26 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-37	SW - 27 (4.5')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

GC Semi VOA (Continued)

Prep Batch: 117651 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-38	SW - 28 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-39	SW - 29 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-40	SW - 30 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-117651/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-117651/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-117651/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8724-21 MS	SW -11 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-21 MSD	SW -11 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 117652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-41	SW - 31 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-42	SW - 32 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-43	SW - 33 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-44	SW - 34 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-45	SW - 35 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-46	SW - 36 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-47	SW - 37 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-48	SW - 38 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-49	SW - 39 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-117652/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-117652/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-117652/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8724-41 MS	SW - 31 (4.5')	Total/NA	Solid	8015NM Prep	
890-8724-41 MSD	SW - 31 (4.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 117681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-1	CS - 19 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-2	CS - 20 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-3	CS - 21 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-4	CS - 22 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-5	CS - 23 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-6	CS - 24 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-7	CS - 25 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-8	CS - 26 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-9	CS - 27 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-10	CS - 28 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-11	CS - 29 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-12	CS - 30 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-13	CS - 31 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-14	CS - 32 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-15	CS - 33 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-16	CS - 34 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-17	CS - 35 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-18	CS - 36 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-19	SW - 37 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-20	SW - 10 (4.5')	Total/NA	Solid	8015B NM	117650
MB 880-117650/1-A	Method Blank	Total/NA	Solid	8015B NM	117650
LCS 880-117650/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	117650
LCSD 880-117650/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	117650

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QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

GC Semi VOA (Continued)

Analysis Batch: 117681 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-1 MS	CS - 19 (4.5')	Total/NA	Solid	8015B NM	117650
890-8724-1 MSD	CS - 19 (4.5')	Total/NA	Solid	8015B NM	117650

Analysis Batch: 117683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-21	SW -11 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-22	SW -12 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-23	SW - 13 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-24	SW - 14 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-25	SW - 15 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-26	SW -16 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-27	SW - 17 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-28	SW - 18 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-29	SW - 19 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-30	SW - 20 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-31	SW - 21 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-32	SW - 22 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-33	SW - 23 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-34	SW - 24 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-35	SW - 25 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-36	SW - 26 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-37	SW - 27 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-38	SW - 28 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-39	SW - 29 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-40	SW - 30 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-41	SW - 31 (4.5')	Total/NA	Solid	8015B NM	117652
890-8724-42	SW - 32 (4.5')	Total/NA	Solid	8015B NM	117652
890-8724-43	SW - 33 (4.5')	Total/NA	Solid	8015B NM	117652
890-8724-44	SW - 34 (4.5')	Total/NA	Solid	8015B NM	117652
890-8724-45	SW - 35 (4.5')	Total/NA	Solid	8015B NM	117652
890-8724-46	SW - 36 (4.5')	Total/NA	Solid	8015B NM	117652
890-8724-47	SW - 37 (4.5')	Total/NA	Solid	8015B NM	117652
890-8724-48	SW - 38 (4.5')	Total/NA	Solid	8015B NM	117652
890-8724-49	SW - 39 (4.5')	Total/NA	Solid	8015B NM	117652
MB 880-117651/1-A	Method Blank	Total/NA	Solid	8015B NM	117651
MB 880-117652/1-A	Method Blank	Total/NA	Solid	8015B NM	117652
LCS 880-117651/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	117651
LCS 880-117652/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	117652
LCSD 880-117651/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	117651
LCSD 880-117652/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	117652
890-8724-21 MS	SW -11 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-21 MSD	SW -11 (4.5')	Total/NA	Solid	8015B NM	117651
890-8724-41 MS	SW - 31 (4.5')	Total/NA	Solid	8015B NM	117652
890-8724-41 MSD	SW - 31 (4.5')	Total/NA	Solid	8015B NM	117652

Analysis Batch: 117783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-1	CS - 19 (4.5')	Total/NA	Solid	8015 NM	
890-8724-2	CS - 20 (4.5')	Total/NA	Solid	8015 NM	
890-8724-3	CS - 21 (4.5')	Total/NA	Solid	8015 NM	
890-8724-4	CS - 22 (4.5')	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

GC Semi VOA (Continued)

Analysis Batch: 117783 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-5	CS - 23 (4.5')	Total/NA	Solid	8015 NM	
890-8724-6	CS - 24 (4.5')	Total/NA	Solid	8015 NM	
890-8724-7	CS - 25 (4.5')	Total/NA	Solid	8015 NM	
890-8724-8	CS - 26 (4.5')	Total/NA	Solid	8015 NM	
890-8724-9	CS - 27 (4.5')	Total/NA	Solid	8015 NM	
890-8724-10	CS - 28 (4.5')	Total/NA	Solid	8015 NM	
890-8724-11	CS - 29 (4.5')	Total/NA	Solid	8015 NM	
890-8724-12	CS - 30 (4.5')	Total/NA	Solid	8015 NM	
890-8724-13	CS - 31 (4.5')	Total/NA	Solid	8015 NM	
890-8724-14	CS - 32 (4.5')	Total/NA	Solid	8015 NM	
890-8724-15	CS - 33 (4.5')	Total/NA	Solid	8015 NM	
890-8724-16	CS - 34 (4.5')	Total/NA	Solid	8015 NM	
890-8724-17	CS - 35 (4.5')	Total/NA	Solid	8015 NM	
890-8724-18	CS - 36 (4.5')	Total/NA	Solid	8015 NM	
890-8724-19	SW - 37 (4.5')	Total/NA	Solid	8015 NM	
890-8724-20	SW - 10 (4.5')	Total/NA	Solid	8015 NM	
890-8724-21	SW -11 (4.5')	Total/NA	Solid	8015 NM	
890-8724-22	SW -12 (4.5')	Total/NA	Solid	8015 NM	
890-8724-23	SW - 13 (4.5')	Total/NA	Solid	8015 NM	
890-8724-24	SW - 14 (4.5')	Total/NA	Solid	8015 NM	
890-8724-25	SW - 15 (4.5')	Total/NA	Solid	8015 NM	
890-8724-26	SW -16 (4.5')	Total/NA	Solid	8015 NM	
890-8724-27	SW - 17 (4.5')	Total/NA	Solid	8015 NM	
890-8724-28	SW - 18 (4.5')	Total/NA	Solid	8015 NM	
890-8724-29	SW - 19 (4.5')	Total/NA	Solid	8015 NM	
890-8724-30	SW - 20 (4.5')	Total/NA	Solid	8015 NM	
890-8724-31	SW - 21 (4.5')	Total/NA	Solid	8015 NM	
890-8724-32	SW - 22 (4.5')	Total/NA	Solid	8015 NM	
890-8724-33	SW - 23 (4.5')	Total/NA	Solid	8015 NM	
890-8724-34	SW - 24 (4.5')	Total/NA	Solid	8015 NM	
890-8724-35	SW - 25 (4.5')	Total/NA	Solid	8015 NM	
890-8724-36	SW - 26 (4.5')	Total/NA	Solid	8015 NM	
890-8724-37	SW - 27 (4.5')	Total/NA	Solid	8015 NM	
890-8724-38	SW - 28 (4.5')	Total/NA	Solid	8015 NM	
890-8724-39	SW - 29 (4.5')	Total/NA	Solid	8015 NM	
890-8724-40	SW - 30 (4.5')	Total/NA	Solid	8015 NM	
890-8724-41	SW - 31 (4.5')	Total/NA	Solid	8015 NM	
890-8724-42	SW - 32 (4.5')	Total/NA	Solid	8015 NM	
890-8724-43	SW - 33 (4.5')	Total/NA	Solid	8015 NM	
890-8724-44	SW - 34 (4.5')	Total/NA	Solid	8015 NM	
890-8724-45	SW - 35 (4.5')	Total/NA	Solid	8015 NM	
890-8724-46	SW - 36 (4.5')	Total/NA	Solid	8015 NM	
890-8724-47	SW - 37 (4.5')	Total/NA	Solid	8015 NM	
890-8724-48	SW - 38 (4.5')	Total/NA	Solid	8015 NM	
890-8724-49	SW - 39 (4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 117653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-1	CS - 19 (4.5')	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

HPLC/IC (Continued)

Leach Batch: 117653 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-2	CS - 20 (4.5')	Soluble	Solid	DI Leach	
890-8724-3	CS - 21 (4.5')	Soluble	Solid	DI Leach	
890-8724-4	CS - 22 (4.5')	Soluble	Solid	DI Leach	
890-8724-5	CS - 23 (4.5')	Soluble	Solid	DI Leach	
890-8724-6	CS - 24 (4.5')	Soluble	Solid	DI Leach	
890-8724-7	CS - 25 (4.5')	Soluble	Solid	DI Leach	
890-8724-8	CS - 26 (4.5')	Soluble	Solid	DI Leach	
890-8724-9	CS - 27 (4.5')	Soluble	Solid	DI Leach	
890-8724-10	CS - 28 (4.5')	Soluble	Solid	DI Leach	
890-8724-11	CS - 29 (4.5')	Soluble	Solid	DI Leach	
890-8724-12	CS - 30 (4.5')	Soluble	Solid	DI Leach	
890-8724-13	CS - 31 (4.5')	Soluble	Solid	DI Leach	
890-8724-14	CS - 32 (4.5')	Soluble	Solid	DI Leach	
890-8724-15	CS - 33 (4.5')	Soluble	Solid	DI Leach	
890-8724-16	CS - 34 (4.5')	Soluble	Solid	DI Leach	
890-8724-17	CS - 35 (4.5')	Soluble	Solid	DI Leach	
890-8724-18	CS - 36 (4.5')	Soluble	Solid	DI Leach	
890-8724-19	SW - 37 (4.5')	Soluble	Solid	DI Leach	
890-8724-20	SW - 10 (4.5')	Soluble	Solid	DI Leach	
MB 880-117653/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-117653/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-117653/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8724-1 MS	CS - 19 (4.5')	Soluble	Solid	DI Leach	
890-8724-1 MSD	CS - 19 (4.5')	Soluble	Solid	DI Leach	
890-8724-11 MS	CS - 29 (4.5')	Soluble	Solid	DI Leach	
890-8724-11 MSD	CS - 29 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 117654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-21	SW -11 (4.5')	Soluble	Solid	DI Leach	
890-8724-22	SW -12 (4.5')	Soluble	Solid	DI Leach	
890-8724-23	SW - 13 (4.5')	Soluble	Solid	DI Leach	
890-8724-24	SW - 14 (4.5')	Soluble	Solid	DI Leach	
890-8724-25	SW - 15 (4.5')	Soluble	Solid	DI Leach	
890-8724-26	SW -16 (4.5')	Soluble	Solid	DI Leach	
890-8724-27	SW - 17 (4.5')	Soluble	Solid	DI Leach	
890-8724-28	SW - 18 (4.5')	Soluble	Solid	DI Leach	
890-8724-29	SW - 19 (4.5')	Soluble	Solid	DI Leach	
890-8724-30	SW - 20 (4.5')	Soluble	Solid	DI Leach	
890-8724-31	SW - 21 (4.5')	Soluble	Solid	DI Leach	
890-8724-32	SW - 22 (4.5')	Soluble	Solid	DI Leach	
890-8724-33	SW - 23 (4.5')	Soluble	Solid	DI Leach	
890-8724-34	SW - 24 (4.5')	Soluble	Solid	DI Leach	
890-8724-35	SW - 25 (4.5')	Soluble	Solid	DI Leach	
MB 880-117654/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-117654/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-117654/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8724-21 MS	SW -11 (4.5')	Soluble	Solid	DI Leach	
890-8724-21 MSD	SW -11 (4.5')	Soluble	Solid	DI Leach	
890-8724-31 MS	SW - 21 (4.5')	Soluble	Solid	DI Leach	
890-8724-31 MSD	SW - 21 (4.5')	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

HPLC/IC

Leach Batch: 117655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-36	SW - 26 (4.5')	Soluble	Solid	DI Leach	
890-8724-37	SW - 27 (4.5')	Soluble	Solid	DI Leach	
890-8724-38	SW - 28 (4.5')	Soluble	Solid	DI Leach	
890-8724-39	SW - 29 (4.5')	Soluble	Solid	DI Leach	
890-8724-40	SW - 30 (4.5')	Soluble	Solid	DI Leach	
890-8724-41	SW - 31 (4.5')	Soluble	Solid	DI Leach	
890-8724-42	SW - 32 (4.5')	Soluble	Solid	DI Leach	
890-8724-43	SW - 33 (4.5')	Soluble	Solid	DI Leach	
890-8724-44	SW - 34 (4.5')	Soluble	Solid	DI Leach	
890-8724-45	SW - 35 (4.5')	Soluble	Solid	DI Leach	
890-8724-46	SW - 36 (4.5')	Soluble	Solid	DI Leach	
890-8724-47	SW - 37 (4.5')	Soluble	Solid	DI Leach	
890-8724-48	SW - 38 (4.5')	Soluble	Solid	DI Leach	
890-8724-49	SW - 39 (4.5')	Soluble	Solid	DI Leach	
MB 880-117655/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-117655/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-117655/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8724-36 MS	SW - 26 (4.5')	Soluble	Solid	DI Leach	
890-8724-36 MSD	SW - 26 (4.5')	Soluble	Solid	DI Leach	
890-8724-46 MS	SW - 36 (4.5')	Soluble	Solid	DI Leach	
890-8724-46 MSD	SW - 36 (4.5')	Soluble	Solid	DI Leach	

Analysis Batch: 117689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-36	SW - 26 (4.5')	Soluble	Solid	300.0	117655
890-8724-37	SW - 27 (4.5')	Soluble	Solid	300.0	117655
890-8724-38	SW - 28 (4.5')	Soluble	Solid	300.0	117655
890-8724-39	SW - 29 (4.5')	Soluble	Solid	300.0	117655
890-8724-40	SW - 30 (4.5')	Soluble	Solid	300.0	117655
890-8724-41	SW - 31 (4.5')	Soluble	Solid	300.0	117655
890-8724-42	SW - 32 (4.5')	Soluble	Solid	300.0	117655
890-8724-43	SW - 33 (4.5')	Soluble	Solid	300.0	117655
890-8724-44	SW - 34 (4.5')	Soluble	Solid	300.0	117655
890-8724-45	SW - 35 (4.5')	Soluble	Solid	300.0	117655
890-8724-46	SW - 36 (4.5')	Soluble	Solid	300.0	117655
890-8724-47	SW - 37 (4.5')	Soluble	Solid	300.0	117655
890-8724-48	SW - 38 (4.5')	Soluble	Solid	300.0	117655
890-8724-49	SW - 39 (4.5')	Soluble	Solid	300.0	117655
MB 880-117655/1-A	Method Blank	Soluble	Solid	300.0	117655
LCS 880-117655/2-A	Lab Control Sample	Soluble	Solid	300.0	117655
LCSD 880-117655/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	117655
890-8724-36 MS	SW - 26 (4.5')	Soluble	Solid	300.0	117655
890-8724-36 MSD	SW - 26 (4.5')	Soluble	Solid	300.0	117655
890-8724-46 MS	SW - 36 (4.5')	Soluble	Solid	300.0	117655
890-8724-46 MSD	SW - 36 (4.5')	Soluble	Solid	300.0	117655

Analysis Batch: 117690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-21	SW -11 (4.5')	Soluble	Solid	300.0	117654
890-8724-22	SW -12 (4.5')	Soluble	Solid	300.0	117654
890-8724-23	SW - 13 (4.5')	Soluble	Solid	300.0	117654

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QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

HPLC/IC (Continued)

Analysis Batch: 117690 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-24	SW - 14 (4.5')	Soluble	Solid	300.0	117654
890-8724-25	SW - 15 (4.5')	Soluble	Solid	300.0	117654
890-8724-26	SW -16 (4.5')	Soluble	Solid	300.0	117654
890-8724-27	SW - 17 (4.5')	Soluble	Solid	300.0	117654
890-8724-28	SW - 18 (4.5')	Soluble	Solid	300.0	117654
890-8724-29	SW - 19 (4.5')	Soluble	Solid	300.0	117654
890-8724-30	SW - 20 (4.5')	Soluble	Solid	300.0	117654
890-8724-31	SW - 21 (4.5')	Soluble	Solid	300.0	117654
890-8724-32	SW - 22 (4.5')	Soluble	Solid	300.0	117654
890-8724-33	SW - 23 (4.5')	Soluble	Solid	300.0	117654
890-8724-34	SW - 24 (4.5')	Soluble	Solid	300.0	117654
890-8724-35	SW - 25 (4.5')	Soluble	Solid	300.0	117654
MB 880-117654/1-A	Method Blank	Soluble	Solid	300.0	117654
LCS 880-117654/2-A	Lab Control Sample	Soluble	Solid	300.0	117654
LCSD 880-117654/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	117654
890-8724-21 MS	SW -11 (4.5')	Soluble	Solid	300.0	117654
890-8724-21 MSD	SW -11 (4.5')	Soluble	Solid	300.0	117654
890-8724-31 MS	SW - 21 (4.5')	Soluble	Solid	300.0	117654
890-8724-31 MSD	SW - 21 (4.5')	Soluble	Solid	300.0	117654

Analysis Batch: 117695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8724-1	CS - 19 (4.5')	Soluble	Solid	300.0	117653
890-8724-2	CS - 20 (4.5')	Soluble	Solid	300.0	117653
890-8724-3	CS - 21 (4.5')	Soluble	Solid	300.0	117653
890-8724-4	CS - 22 (4.5')	Soluble	Solid	300.0	117653
890-8724-5	CS - 23 (4.5')	Soluble	Solid	300.0	117653
890-8724-6	CS - 24 (4.5')	Soluble	Solid	300.0	117653
890-8724-7	CS - 25 (4.5')	Soluble	Solid	300.0	117653
890-8724-8	CS - 26 (4.5')	Soluble	Solid	300.0	117653
890-8724-9	CS - 27 (4.5')	Soluble	Solid	300.0	117653
890-8724-10	CS - 28 (4.5')	Soluble	Solid	300.0	117653
890-8724-11	CS - 29 (4.5')	Soluble	Solid	300.0	117653
890-8724-12	CS - 30 (4.5')	Soluble	Solid	300.0	117653
890-8724-13	CS - 31 (4.5')	Soluble	Solid	300.0	117653
890-8724-14	CS - 32 (4.5')	Soluble	Solid	300.0	117653
890-8724-15	CS - 33 (4.5')	Soluble	Solid	300.0	117653
890-8724-16	CS - 34 (4.5')	Soluble	Solid	300.0	117653
890-8724-17	CS - 35 (4.5')	Soluble	Solid	300.0	117653
890-8724-18	CS - 36 (4.5')	Soluble	Solid	300.0	117653
890-8724-19	SW - 37 (4.5')	Soluble	Solid	300.0	117653
890-8724-20	SW - 10 (4.5')	Soluble	Solid	300.0	117653
MB 880-117653/1-A	Method Blank	Soluble	Solid	300.0	117653
LCS 880-117653/2-A	Lab Control Sample	Soluble	Solid	300.0	117653
LCSD 880-117653/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	117653
890-8724-1 MS	CS - 19 (4.5')	Soluble	Solid	300.0	117653
890-8724-1 MSD	CS - 19 (4.5')	Soluble	Solid	300.0	117653
890-8724-11 MS	CS - 29 (4.5')	Soluble	Solid	300.0	117653
890-8724-11 MSD	CS - 29 (4.5')	Soluble	Solid	300.0	117653

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Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 19 (4.5')

Lab Sample ID: 890-8724-1

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/27/25 22:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 22:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 19:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/27/25 19:29	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		5			117695	08/27/25 13:40	CS	EET MID

Client Sample ID: CS - 20 (4.5')

Lab Sample ID: 890-8724-2

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/27/25 23:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 23:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 20:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/27/25 20:16	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		1			117695	08/27/25 13:57	CS	EET MID

Client Sample ID: CS - 21 (4.5')

Lab Sample ID: 890-8724-3

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/27/25 23:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 23:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 20:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/27/25 20:31	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		5			117695	08/27/25 14:03	CS	EET MID

Client Sample ID: CS - 22 (4.5')

Lab Sample ID: 890-8724-4

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/27/25 23:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 23:58	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 22 (4.5')**Lab Sample ID: 890-8724-4****Date Collected: 08/22/25 00:00****Matrix: Solid****Date Received: 08/26/25 10:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117783	08/27/25 20:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/27/25 20:46	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		5			117695	08/27/25 14:09	CS	EET MID

Client Sample ID: CS - 23 (4.5')**Lab Sample ID: 890-8724-5****Date Collected: 08/22/25 00:00****Matrix: Solid****Date Received: 08/26/25 10:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/28/25 00:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 00:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 21:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/27/25 21:02	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		5			117695	08/27/25 14:14	CS	EET MID

Client Sample ID: CS - 24 (4.5')**Lab Sample ID: 890-8724-6****Date Collected: 08/22/25 00:00****Matrix: Solid****Date Received: 08/26/25 10:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/28/25 00:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 00:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 21:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/27/25 21:18	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		5			117695	08/27/25 14:31	CS	EET MID

Client Sample ID: CS - 25 (4.5')**Lab Sample ID: 890-8724-7****Date Collected: 08/22/25 00:00****Matrix: Solid****Date Received: 08/26/25 10:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/28/25 00:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 00:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 21:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/27/25 21:33	TKC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 25 (4.5')**Lab Sample ID: 890-8724-7****Date Collected: 08/22/25 00:00****Matrix: Solid****Date Received: 08/26/25 10:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		5			117695	08/27/25 14:37	CS	EET MID

Client Sample ID: CS - 26 (4.5')**Lab Sample ID: 890-8724-8****Date Collected: 08/22/25 00:00****Matrix: Solid****Date Received: 08/26/25 10:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/28/25 01:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 01:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 21:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/27/25 21:50	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		5			117695	08/27/25 14:43	CS	EET MID

Client Sample ID: CS - 27 (4.5')**Lab Sample ID: 890-8724-9****Date Collected: 08/22/25 00:00****Matrix: Solid****Date Received: 08/26/25 10:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/28/25 01:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 01:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 22:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/27/25 22:05	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		5			117695	08/27/25 15:22	CS	EET MID

Client Sample ID: CS - 28 (4.5')**Lab Sample ID: 890-8724-10****Date Collected: 08/22/25 00:00****Matrix: Solid****Date Received: 08/26/25 10:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/28/25 02:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 02:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 22:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/27/25 22:20	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		5			117695	08/27/25 14:54	CS	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 29 (4.5')

Lab Sample ID: 890-8724-11

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/28/25 03:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 03:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 22:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/27/25 22:51	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		1			117695	08/27/25 15:00	CS	EET MID

Client Sample ID: CS - 30 (4.5')

Lab Sample ID: 890-8724-12

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/28/25 03:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 03:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 23:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/27/25 23:06	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		5			117695	08/27/25 15:17	CS	EET MID

Client Sample ID: CS - 31 (4.5')

Lab Sample ID: 890-8724-13

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/28/25 04:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 04:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 23:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/27/25 23:22	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		5			117695	08/27/25 16:25	CS	EET MID

Client Sample ID: CS - 32 (4.5')

Lab Sample ID: 890-8724-14

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/28/25 04:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 04:36	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 32 (4.5')

Lab Sample ID: 890-8724-14

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117783	08/27/25 23:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/27/25 23:37	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		5			117695	08/27/25 15:45	CS	EET MID

Client Sample ID: CS - 33 (4.5')

Lab Sample ID: 890-8724-15

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/28/25 04:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 04:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 23:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/27/25 23:53	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		5			117695	08/27/25 15:51	CS	EET MID

Client Sample ID: CS - 34 (4.5')

Lab Sample ID: 890-8724-16

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/28/25 05:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 05:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 00:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/28/25 00:09	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		5			117695	08/27/25 16:30	CS	EET MID

Client Sample ID: CS - 35 (4.5')

Lab Sample ID: 890-8724-17

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/28/25 05:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 05:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 00:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/28/25 00:24	TKC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: CS - 35 (4.5')**Lab Sample ID: 890-8724-17****Date Collected: 08/22/25 00:00****Matrix: Solid****Date Received: 08/26/25 10:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		1			117695	08/27/25 16:02	CS	EET MID

Client Sample ID: CS - 36 (4.5')**Lab Sample ID: 890-8724-18****Date Collected: 08/22/25 00:00****Matrix: Solid****Date Received: 08/26/25 10:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/28/25 05:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 05:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 00:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/28/25 00:41	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		5			117695	08/27/25 16:08	CS	EET MID

Client Sample ID: SW - 37 (4.5')**Lab Sample ID: 890-8724-19****Date Collected: 08/22/25 00:00****Matrix: Solid****Date Received: 08/26/25 10:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/28/25 06:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 06:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 00:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/28/25 00:56	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		5			117695	08/27/25 16:13	CS	EET MID

Client Sample ID: SW - 10 (4.5')**Lab Sample ID: 890-8724-20****Date Collected: 08/22/25 00:00****Matrix: Solid****Date Received: 08/26/25 10:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	117672	08/27/25 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/28/25 06:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 06:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 01:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117650	08/27/25 07:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117681	08/28/25 01:12	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117653	08/27/25 08:05	SI	EET MID
Soluble	Analysis	300.0		1			117695	08/27/25 16:19	CS	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW -11 (4.5')

Lab Sample ID: 890-8724-21

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	117673	08/27/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117736	08/27/25 18:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 18:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 19:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 19:29	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	117654	08/27/25 08:07	SI	EET MID
Soluble	Analysis	300.0		1			117690	08/27/25 17:09	CS	EET MID

Client Sample ID: SW -12 (4.5')

Lab Sample ID: 890-8724-22

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	117673	08/27/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117736	08/27/25 19:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 19:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 20:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 20:16	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	117654	08/27/25 08:07	SI	EET MID
Soluble	Analysis	300.0		1			117690	08/27/25 17:27	CS	EET MID

Client Sample ID: SW - 13 (4.5')

Lab Sample ID: 890-8724-23

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	117673	08/27/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117736	08/27/25 19:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 19:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 20:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 20:31	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	117654	08/27/25 08:07	SI	EET MID
Soluble	Analysis	300.0		1			117690	08/27/25 17:32	CS	EET MID

Client Sample ID: SW - 14 (4.5')

Lab Sample ID: 890-8724-24

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117673	08/27/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117736	08/27/25 19:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 19:41	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 14 (4.5')

Lab Sample ID: 890-8724-24

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117783	08/27/25 20:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 20:46	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	117654	08/27/25 08:07	SI	EET MID
Soluble	Analysis	300.0		1			117690	08/27/25 17:38	CS	EET MID

Client Sample ID: SW - 15 (4.5')

Lab Sample ID: 890-8724-25

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	117673	08/27/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117736	08/27/25 20:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 20:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 21:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 21:02	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	117654	08/27/25 08:07	SI	EET MID
Soluble	Analysis	300.0		1			117690	08/27/25 17:44	CS	EET MID

Client Sample ID: SW -16 (4.5')

Lab Sample ID: 890-8724-26

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	117673	08/27/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117736	08/27/25 20:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 20:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 21:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 21:18	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	117654	08/27/25 08:07	SI	EET MID
Soluble	Analysis	300.0		1			117690	08/27/25 18:02	CS	EET MID

Client Sample ID: SW - 17 (4.5')

Lab Sample ID: 890-8724-27

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	117673	08/27/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117736	08/27/25 20:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 20:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 21:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 21:33	TKC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 17 (4.5')

Lab Sample ID: 890-8724-27

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	117654	08/27/25 08:07	SI	EET MID
Soluble	Analysis	300.0		1			117690	08/27/25 18:08	CS	EET MID

Client Sample ID: SW - 18 (4.5')

Lab Sample ID: 890-8724-28

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117673	08/27/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117736	08/27/25 21:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 21:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 21:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 21:50	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117654	08/27/25 08:07	SI	EET MID
Soluble	Analysis	300.0		1			117690	08/27/25 18:14	CS	EET MID

Client Sample ID: SW - 19 (4.5')

Lab Sample ID: 890-8724-29

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	117673	08/27/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117736	08/27/25 21:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 21:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 22:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 22:05	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	117654	08/27/25 08:07	SI	EET MID
Soluble	Analysis	300.0		1			117690	08/27/25 18:20	CS	EET MID

Client Sample ID: SW - 20 (4.5')

Lab Sample ID: 890-8724-30

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	117673	08/27/25 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117736	08/27/25 21:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 21:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 22:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 22:20	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	117654	08/27/25 08:07	SI	EET MID
Soluble	Analysis	300.0		1			117690	08/27/25 18:26	CS	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 21 (4.5')

Lab Sample ID: 890-8724-31

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	117766	08/28/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117761	08/28/25 11:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 11:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 22:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 22:51	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	117654	08/27/25 08:07	SI	EET MID
Soluble	Analysis	300.0		1			117690	08/27/25 18:32	CS	EET MID

Client Sample ID: SW - 22 (4.5')

Lab Sample ID: 890-8724-32

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	117766	08/28/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117761	08/28/25 12:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 12:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 23:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 23:06	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117654	08/27/25 08:07	SI	EET MID
Soluble	Analysis	300.0		1			117690	08/27/25 18:49	CS	EET MID

Client Sample ID: SW - 23 (4.5')

Lab Sample ID: 890-8724-33

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	117766	08/28/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117761	08/28/25 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 12:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 23:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 23:22	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	117654	08/27/25 08:07	SI	EET MID
Soluble	Analysis	300.0		1			117690	08/27/25 18:55	CS	EET MID

Client Sample ID: SW - 24 (4.5')

Lab Sample ID: 890-8724-34

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117766	08/28/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117761	08/28/25 12:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 12:49	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 24 (4.5')

Lab Sample ID: 890-8724-34

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117783	08/27/25 23:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 23:37	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	117654	08/27/25 08:07	SI	EET MID
Soluble	Analysis	300.0		1			117690	08/27/25 19:13	CS	EET MID

Client Sample ID: SW - 25 (4.5')

Lab Sample ID: 890-8724-35

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	117766	08/28/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117761	08/28/25 13:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 13:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/27/25 23:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/27/25 23:53	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	117654	08/27/25 08:07	SI	EET MID
Soluble	Analysis	300.0		1			117690	08/27/25 19:19	CS	EET MID

Client Sample ID: SW - 26 (4.5')

Lab Sample ID: 890-8724-36

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	117766	08/28/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117761	08/28/25 13:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 13:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 00:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/28/25 00:09	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117655	08/27/25 08:10	SI	EET MID
Soluble	Analysis	300.0		1			117689	08/27/25 13:48	CS	EET MID

Client Sample ID: SW - 27 (4.5')

Lab Sample ID: 890-8724-37

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	117766	08/28/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117761	08/28/25 13:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 13:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 00:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/28/25 00:24	TKC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 27 (4.5')**Lab Sample ID: 890-8724-37****Date Collected: 08/22/25 00:00****Matrix: Solid****Date Received: 08/26/25 10:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	117655	08/27/25 08:10	SI	EET MID
Soluble	Analysis	300.0		1			117689	08/27/25 14:05	CS	EET MID

Client Sample ID: SW - 28 (4.5')**Lab Sample ID: 890-8724-38****Date Collected: 08/22/25 00:00****Matrix: Solid****Date Received: 08/26/25 10:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117766	08/28/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117761	08/28/25 14:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 14:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 00:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/28/25 00:41	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	117655	08/27/25 08:10	SI	EET MID
Soluble	Analysis	300.0		1			117689	08/27/25 14:11	CS	EET MID

Client Sample ID: SW - 29 (4.5')**Lab Sample ID: 890-8724-39****Date Collected: 08/22/25 00:00****Matrix: Solid****Date Received: 08/26/25 10:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	117766	08/28/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117761	08/28/25 14:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 14:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 00:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/28/25 00:56	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117655	08/27/25 08:10	SI	EET MID
Soluble	Analysis	300.0		1			117689	08/27/25 14:17	CS	EET MID

Client Sample ID: SW - 30 (4.5')**Lab Sample ID: 890-8724-40****Date Collected: 08/22/25 00:00****Matrix: Solid****Date Received: 08/26/25 10:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	117766	08/28/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117761	08/28/25 14:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/28/25 14:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 01:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117651	08/27/25 07:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/28/25 01:12	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	117655	08/27/25 08:10	SI	EET MID
Soluble	Analysis	300.0		1			117689	08/27/25 14:23	CS	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 31 (4.5')

Lab Sample ID: 890-8724-41

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	117671	08/27/25 09:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/27/25 11:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 11:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 03:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117652	08/27/25 07:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/28/25 03:15	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	117655	08/27/25 08:10	SI	EET MID
Soluble	Analysis	300.0		1			117689	08/27/25 14:41	CS	EET MID

Client Sample ID: SW - 32 (4.5')

Lab Sample ID: 890-8724-42

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	117671	08/27/25 09:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/27/25 12:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 12:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 04:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	117652	08/27/25 07:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/28/25 04:01	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	117655	08/27/25 08:10	SI	EET MID
Soluble	Analysis	300.0		1			117689	08/27/25 14:47	CS	EET MID

Client Sample ID: SW - 33 (4.5')

Lab Sample ID: 890-8724-43

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	117671	08/27/25 09:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/27/25 12:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 12:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 04:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	117652	08/27/25 07:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/28/25 04:17	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	117655	08/27/25 08:10	SI	EET MID
Soluble	Analysis	300.0		1			117689	08/27/25 14:53	CS	EET MID

Client Sample ID: SW - 34 (4.5')

Lab Sample ID: 890-8724-44

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117671	08/27/25 09:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/27/25 13:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 13:00	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 34 (4.5')

Lab Sample ID: 890-8724-44

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117783	08/28/25 04:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117652	08/27/25 07:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/28/25 04:32	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	117655	08/27/25 08:10	SI	EET MID
Soluble	Analysis	300.0		1			117689	08/27/25 14:59	CS	EET MID

Client Sample ID: SW - 35 (4.5')

Lab Sample ID: 890-8724-45

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	117671	08/27/25 09:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/27/25 13:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 13:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 04:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	117652	08/27/25 07:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/28/25 04:47	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117655	08/27/25 08:10	SI	EET MID
Soluble	Analysis	300.0		1			117689	08/27/25 15:04	CS	EET MID

Client Sample ID: SW - 36 (4.5')

Lab Sample ID: 890-8724-46

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	117671	08/27/25 09:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/27/25 13:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 13:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 05:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	117652	08/27/25 07:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/28/25 05:03	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117655	08/27/25 08:10	SI	EET MID
Soluble	Analysis	300.0		1			117689	08/27/25 15:10	CS	EET MID

Client Sample ID: SW - 37 (4.5')

Lab Sample ID: 890-8724-47

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	117671	08/27/25 09:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/27/25 14:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 14:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 05:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117652	08/27/25 07:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/28/25 05:18	TKC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Client Sample ID: SW - 37 (4.5')

Lab Sample ID: 890-8724-47

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	117655	08/27/25 08:10	SI	EET MID
Soluble	Analysis	300.0		5			117689	08/27/25 15:58	CS	EET MID

Client Sample ID: SW - 38 (4.5')

Lab Sample ID: 890-8724-48

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117671	08/27/25 09:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/27/25 16:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 16:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 05:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	117652	08/27/25 07:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/28/25 05:33	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	117655	08/27/25 08:10	SI	EET MID
Soluble	Analysis	300.0		10			117689	08/27/25 16:04	CS	EET MID

Client Sample ID: SW - 39 (4.5')

Lab Sample ID: 890-8724-49

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/26/25 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	117671	08/27/25 09:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117663	08/27/25 17:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117746	08/27/25 17:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			117783	08/28/25 05:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117652	08/27/25 07:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117683	08/28/25 05:49	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117655	08/27/25 08:10	SI	EET MID
Soluble	Analysis	300.0		5			117689	08/27/25 16:21	CS	EET MID

Laboratory References:

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

Eurofins Carlsbad

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

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: SD SWD 13 ROTF FACILITY

Job ID: 890-8724-1
SDG: 2750

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8724-1	CS - 19 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-2	CS - 20 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-3	CS - 21 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-4	CS - 22 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-5	CS - 23 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-6	CS - 24 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-7	CS - 25 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-8	CS - 26 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-9	CS - 27 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-10	CS - 28 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-11	CS - 29 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-12	CS - 30 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-13	CS - 31 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-14	CS - 32 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-15	CS - 33 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-16	CS - 34 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-17	CS - 35 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-18	CS - 36 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-19	SW - 37 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-20	SW - 10 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-21	SW -11 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-22	SW -12 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-23	SW - 13 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-24	SW - 14 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-25	SW - 15 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-26	SW -16 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-27	SW - 17 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-28	SW - 18 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-29	SW - 19 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-30	SW - 20 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-31	SW - 21 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-32	SW - 22 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-33	SW - 23 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-34	SW - 24 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-35	SW - 25 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-36	SW - 26 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-37	SW - 27 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-38	SW - 28 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-39	SW - 29 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-40	SW - 30 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-41	SW - 31 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-42	SW - 32 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-43	SW - 33 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-44	SW - 34 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-45	SW - 35 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-46	SW - 36 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-47	SW - 37 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-48	SW - 38 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico
890-8724-49	SW - 39 (4.5')	Solid	08/22/25 00:00	08/26/25 10:44	New Mexico

Eurofins Carlsbad

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Chain of Custody

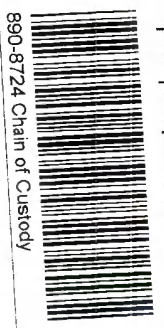
Work Order No: _____

Page 1 of 5

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 ☐ Unperturbed ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	SD SWD 13 ROTF Facility	Turn Around	Pres. Code	ANALYSIS REQUEST		Preservative Codes
Project Number:	2750	☐ Routine ☒ Rush				None: NO DI Water: H ₂ O
Project Location:	Lea Co. NM	Due Date:	48 hr			Cool: Cool MeOH: Me
Sampler's Name:	KR	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	Wet Ice:	Yes No		H ₃ PO ₄ : HP
Received Intact:	☒ Yes ☐ No	Thermometer ID:		☒ Yes ☐ No		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:	-0.2			Zn Acetate+NaOH: Zn
Total Containers:	49	Corrected Temperature:	-0.8			NaOH+Ascorbic Acid: SACP



Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
CS-19 (4.25)	8/22/2025		X		C	1	BTEX 8021B	
CS-20 (4.25)	8/22/2025		X		C	1	TPH 8015M (GRO + DRO + MRO)	
CS-21 (4.25)	8/22/2025		X		C	1	Chloride 300	
CS-22 (4.25)	8/22/2025		X		C	1		
CS-23 (4.25)	8/22/2025		X		C	1		
CS-24 (4.25)	8/22/2025		X		C	1		
CS-25 (4.25)	8/22/2025		X		C	1		
CS-26 (4.25)	8/22/2025		X		C	1		
CS-27 (4.25)	8/22/2025		X		C	1		
CS-28 (4.25)	8/22/2025		X		C	1		

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	8/26 1044			

Chain of Custody

Work Order No: _____

Page 2 of 5

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: I ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	SD SWD 13 ROTF Facility	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes							
Project Number:	2750	☐ Routine ☒ Rush															None: NO	DI Water: H ₂ O					
Project Location:	Lea Co. NM	Due Date:	48 hr														Cool: Cool	MeOH: Me					
Sampler's Name:	KR	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 ☐	Wet Ice:	Yes ☒ No ☐	Parameters												H ₃ PO ₄ : HP			
Received Intact:	Yes ☒ No ☐	Thermometer ID:	Turn 2													NAHSO ₄ : NABIS							
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:	-0.2													Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:	-1.0													Zn Acetate+NaOH: Zn							
Total Containers:		Corrected Temperature:	-0.8													NaOH+Ascorbic Acid: SAPC							
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
CS-29 (4.25)	8/22/2025		X		C	1	X	X	X														
CS-30 (4.25)	8/22/2025		X		C	1	X	X	X														
CS-31 (4.25)	8/22/2025		X		C	1	X	X	X														
CS-32 (4.25)	8/22/2025		X		C	1	X	X	X														
CS-33 (4.25)	8/22/2025		X		C	1	X	X	X														
CS-34 (4.25)	8/22/2025		X		C	1	X	X	X														
CS-35 (4.25)	8/22/2025		X		C	1	X	X	X														
CS-36 (4.25)	8/22/2025		X		C	1	X	X	X														
CS-37 (4.25)	8/22/2025		X		C	1	X	X	X														
SW-10 (4.25)	8/22/2025		X		C	1	X	X	X														

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	8/26 1544	2		
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Chain of Custody

Work Order No: _____

Page 3 of 5

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:	SD SWD 13 ROTF Facility		Turn Around	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	2750	☐ Routine ☒ Rush	48 hr												None: NO	DI Water: H ₂ O	
Project Location:	Lea Co. NM	Due Date:													Cool: Cool	MeOH: Me	
Sampler's Name:	KR	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 ☐	Yes ☒ No ☐	Wet Ice: Yes ☒ No ☐	Thermometer ID: T11111111	Parameters										H ₃ PO ₄ : HP		
Received In tact:	Yes ☒ No ☐	Correction Factor: N/A	Temperature Reading: -0.2												NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes ☒ No ☐	Temperature Reading: -0.2													Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes ☒ No ☐	Corrected Temperature: -0.2													Zn Acetate+NaOH: Zn		
Total Containers:															NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
SW-11 (4.25')	8/22/2025		X		C	1	X	X	X								
SW-12 (4.25')	8/22/2025		X		C	1	X	X	X								
SW-13 (4.25')	8/22/2025		X		C	1	X	X	X								
SW-14 (4.25')	8/22/2025		X		C	1	X	X	X								
SW-15 (4.25')	8/22/2025		X		C	1	X	X	X								
SW-16 (4.25')	8/22/2025		X		C	1	X	X	X								
SW-17 (4.25')	8/22/2025		X		C	1	X	X	X								
SW-18 (4.25')	8/22/2025		X		C	1	X	X	X								
SW-19 (4.25')	8/22/2025		X		C	1	X	X	X								
SW-20 (4.25')	8/22/2025		X		C	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
1		8/26 1044	2		
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Chain of Custody

Work Order No: _____

Page 4 of 5

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: I ☐ II ☐ III ☐ PST/UST	☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐	ADAPT ☐ Other: _____

Project Name:	SD SMD 13 ROTF Facility		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	2750	☐ Routine ☒ Rush	Due Date:	48 hr														None: NO	DI Water: H ₂ O
Project Location:	Lea Co. NM																	Cool: Cool	MeOH: Me
Sampler's Name:	KR																	HCL: HC	HNO ₃ : HN
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐													H ₃ PO ₄ : HP	
Received Intact:	Yes ☒ No ☐	Thermometer ID:	Carmona															NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐ N/A	Correction Factor:	-0.2															Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading:	-0.8															Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:																NaOH+Ascorbic Acid: SASC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
SW-21 (4.25)	8/22/2025		X		C	1	X	X	X	X									
SW-22 (4.25)	8/22/2025		X		C	1	X	X	X	X									
SW-23 (4.25)	8/22/2025		X		C	1	X	X	X	X									
SW-24 (4.25)	8/22/2025		X		C	1	X	X	X	X									
SW-25 (4.25)	8/22/2025		X		C	1	X	X	X	X									
SW-26 (4.25)	8/22/2025		X		C	1	X	X	X	X									
SW-27 (4.25)	8/22/2025		X		C	1	X	X	X	X									
SW-28 (4.25)	8/22/2025		X		C	1	X	X	X	X									
SW-29 (4.25)	8/22/2025		X		C	1	X	X	X	X									
SW-30 (4.25)	8/22/2025		X		C	1	X	X	X	X									

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		8/26 1044	2		
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5			6		

Chain of Custody

Work Order No: _____

Page 5 of 5

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: I ☐ Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	SD SWD 13 ROTF Facility		Turn Around	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	2750	☐ Routine ☒ Rush	48 hr												None: NO	DI Water: H ₂ O	
Project Location:	Lea Co. NM	Due Date:													Cool: Cool	MeOH: Me	
Sampler's Name:	KR	TAT starts the day received by the lab, if received by 4:30pm													HCL: HC	HNO ₃ : HN	
PO #:		Temp Blank:	Yes No	Wet Ice:	Yes No											H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Received In tact:	Yes No	Thermometer ID:												H ₃ PO ₄ : HP	
Cooler Custody Seals:	Yes No	Correction Factor:														NaHSO ₄ : NABIS	
Sample Custody Seals:	Yes No	Temperature Reading:														Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers:		Corrected Temperature:														Zn Acetate+NaOH: Zn	
																NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
SW-31 (4.25')	8/22/2025		X		C	1	X	X	X	X	X	X	X	X			
SW-32 (4.25')	8/22/2025		X		C	1	X	X	X	X	X	X	X	X			
SW-33 (4.25')	8/22/2025		X		C	1	X	X	X	X	X	X	X	X			
SW-34 (4.25')	8/22/2025		X		C	1	X	X	X	X	X	X	X	X			
SW-35 (4.25')	8/22/2025		X		C	1	X	X	X	X	X	X	X	X			
SW-36 (4.25')	8/22/2025		X		C	1	X	X	X	X	X	X	X	X			
SW-37 (4.25')	8/22/2025		X		C	1	X	X	X	X	X	X	X	X			
SW-38 (4.25')	8/22/2025		X		C	1	X	X	X	X	X	X	X	X			
SW-39 (4.25')	8/22/2025		X		C	1	X	X	X	X	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
		8/26 1044z			

Eurofins Carlsbad
1089 N Canal St
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	Lab Pk:	Carrier Tracking No(s):	COC No:										
Client Contact:		N/A	Kramer, Jessica	N/A	890-5801.1										
Shipping/Receiving:		Phone:	E-Mail:	State of Origin:	Page:										
Eurofins Environment Testing South Cent		N/A	Jessica.Kramer@eurofins.com	New Mexico	Page 1 of 6										
Address:		Due Date Requested:	Accreditations Required (See note):		Job #:										
1211 W. Florida Ave.		8/28/2025	NELAP - Texas		890-8724-1										
City:	Midland	TAT Requested (days):	Analysis Requested												
State Zip:	TX, 79701	N/A													
Phone:	432-704-5440(Tel)	PO #:													
Email:	N/A	W/O #:													
Project Name:	SD SMD 13 ROTF FACILITY	Project #:													
Site:	N/A	SSOW#:													
		N/A													
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Solid, O=Organic, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:	
CS - 19 (4.5) (890-8724-1)		8/22/25		Mountain	G	Solid		X	X	X	X	X	X	1	
CS - 20 (4.5) (890-8724-2)		8/22/25		Mountain	G	Solid		X	X	X	X	X	X	1	
CS - 21 (4.5) (890-8724-3)		8/22/25		Mountain	G	Solid		X	X	X	X	X	X	1	
CS - 22 (4.5) (890-8724-4)		8/22/25		Mountain	G	Solid		X	X	X	X	X	X	1	
CS - 23 (4.5) (890-8724-5)		8/22/25		Mountain	G	Solid		X	X	X	X	X	X	1	
CS - 24 (4.5) (890-8724-6)		8/22/25		Mountain	G	Solid		X	X	X	X	X	X	1	
CS - 25 (4.5) (890-8724-7)		8/22/25		Mountain	G	Solid		X	X	X	X	X	X	1	
CS - 26 (4.5) (890-8724-8)		8/22/25		Mountain	G	Solid		X	X	X	X	X	X	1	
CS - 27 (4.5) (890-8724-9)		8/22/25		Mountain	G	Solid		X	X	X	X	X	X	1	
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Cent, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/assessments being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Cent, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Cent, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Cent, LLC.															
Possible Hazard Identification															
Unconfirmed															
Deliverable Requested: I, II, III, IV, Other (Specify)															
Primary Deliverable Rank: 2															
Special Instructions/QC Requirements:															
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months															
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)															
Empty Kit Relinquished by:															
Relinquished by:															
Relinquished by:															
Relinquished by:															
Custody Seals Intact: ☐ Yes ☐ No															
Custody Seal No.:															
Cooler Temperature(s) °C and Other Remarks:															

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-8724-1

SDG Number: 2750

Login Number: 8724

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-8724-1

SDG Number: 2750

Login Number: 8724

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 08/27/25 07:39 AM

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



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/2/2025 11:53:06 AM

JOB DESCRIPTION

SD SWD 13 ROTF Facility
Lea Co, NM

JOB NUMBER

880-62124-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

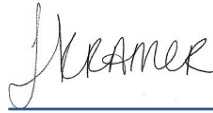
Eurofins Midland

Job Notes

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

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

Authorization



Generated
9/2/2025 11:53:06 AM

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

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Laboratory Job ID: 880-62124-1
SDG: Lea 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	15
Lab Chronicle	17
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: SD SWD 13 ROTF Facility

Job ID: 880-62124-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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: SD SWD 13 ROTF Facility

Job ID: 880-62124-1

Job ID: 880-62124-1

Eurofins Midland

Job Narrative
880-62124-1

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

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

Receipt

The samples were received on 8/29/2025 12:17 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW-37 (4.25') (880-62124-1), SW-38 (4.25') (880-62124-2) and SW-39 (4.25') (880-62124-3).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-117954 and analytical batch 880-117889 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 8021B: The surrogate recovery for the blank associated with preparation batch 880-117954 and analytical batch 880-117889 was outside the upper control limits.

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

Diesel Range Organics

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 Chloride matrix spike duplicate (MSD) recoveries for preparation batch 880-117989 and analytical batch 880-117990 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

The associated samples are: SW-37 (4.25') (880-62124-1), SW-38 (4.25') (880-62124-2), SW-39 (4.25') (880-62124-3), (MB 880-117989/26-A) and (880-62124-A-1-H MSD).

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: SD SWD 13 ROTF Facility

Job ID: 880-62124-1
SDG: Lea Co, NM

Client Sample ID: SW-37 (4.25')

Lab Sample ID: 880-62124-1

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/29/25 12:17

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		08/29/25 14:23	08/30/25 12:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/29/25 14:23	08/30/25 12:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/29/25 14:23	08/30/25 12:19	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/29/25 14:23	08/30/25 12:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/29/25 14:23	08/30/25 12:19	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/29/25 14:23	08/30/25 12:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				08/29/25 14:23	08/30/25 12:19	1
1,4-Difluorobenzene (Surr)	118		70 - 130				08/29/25 14:23	08/30/25 12:19	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			08/30/25 12:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/29/25 21:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/28/25 08:32	08/29/25 21:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/28/25 08:32	08/29/25 21:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/28/25 08:32	08/29/25 21:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130				08/28/25 08:32	08/29/25 21:43	1
o-Terphenyl (Surr)	83		70 - 130				08/28/25 08:32	08/29/25 21:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U F1	10.1		mg/Kg			08/30/25 00:09	1

Client Sample ID: SW-38 (4.25')

Lab Sample ID: 880-62124-2

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/29/25 12:17

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		08/29/25 14:23	08/30/25 12:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/29/25 14:23	08/30/25 12:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/29/25 14:23	08/30/25 12:40	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/29/25 14:23	08/30/25 12:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/29/25 14:23	08/30/25 12:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/29/25 14:23	08/30/25 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				08/29/25 14:23	08/30/25 12:40	1
1,4-Difluorobenzene (Surr)	122		70 - 130				08/29/25 14:23	08/30/25 12:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-62124-1
SDG: Lea Co, NM

Client Sample ID: SW-38 (4.25')

Lab Sample ID: 880-62124-2

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/29/25 12:17

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			08/30/25 12:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/29/25 21:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/28/25 08:32	08/29/25 21:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/28/25 08:32	08/29/25 21:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/28/25 08:32	08/29/25 21:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130				08/28/25 08:32	08/29/25 21:58	1
o-Terphenyl (Surr)	83		70 - 130				08/28/25 08:32	08/29/25 21:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.6		10.1		mg/Kg			08/30/25 00:26	1

Client Sample ID: SW-39 (4.25')

Lab Sample ID: 880-62124-3

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/29/25 12:17

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		08/29/25 14:23	08/30/25 13:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/29/25 14:23	08/30/25 13:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/29/25 14:23	08/30/25 13:00	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/29/25 14:23	08/30/25 13:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/29/25 14:23	08/30/25 13:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/29/25 14:23	08/30/25 13:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				08/29/25 14:23	08/30/25 13:00	1
1,4-Difluorobenzene (Surr)	119		70 - 130				08/29/25 14:23	08/30/25 13:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/30/25 13:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/29/25 22:14	1

Method: SW846 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		08/28/25 08:32	08/29/25 22:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/28/25 08:32	08/29/25 22:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-62124-1
SDG: Lea Co, NM

Client Sample ID: SW-39 (4.25')
Date Collected: 08/22/25 00:00
Date Received: 08/29/25 12:17

Lab Sample ID: 880-62124-3
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		08/28/25 08:32	08/29/25 22:14	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	85		70 - 130				08/28/25 08:32	08/29/25 22:14	1	
o-Terphenyl (Surr)	81		70 - 130				08/28/25 08:32	08/29/25 22:14	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<10.1	U	10.1		mg/Kg			08/30/25 00:32	1	

Surrogate Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-62124-1
SDG: Lea 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)
880-62117-A-1-B MS	Matrix Spike	97	106
880-62117-A-1-C MSD	Matrix Spike Duplicate	96	103
880-62124-1	SW-37 (4.25')	108	118
880-62124-2	SW-38 (4.25')	106	122
880-62124-3	SW-39 (4.25')	105	119
LCS 880-117954/1-A	Lab Control Sample	99	95
LCSD 880-117954/2-A	Lab Control Sample Dup	97	98
MB 880-117950/5-A	Method Blank	84	129
MB 880-117954/5-A	Method Blank	90	131 S1+
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)
880-62124-1	SW-37 (4.25')	86	83
880-62124-2	SW-38 (4.25')	86	83
880-62124-3	SW-39 (4.25')	85	81
890-8726-A-1-B MS	Matrix Spike	83	74
890-8726-A-1-C MSD	Matrix Spike Duplicate	84	74
LCS 880-117765/2-A	Lab Control Sample	103	96
LCSD 880-117765/3-A	Lab Control Sample Dup	97	90
MB 880-117765/1-A	Method Blank	92	95
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-62124-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-117950/5-A
Matrix: Solid
Analysis Batch: 117889

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117950

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/29/25 13:59	08/29/25 23:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/29/25 13:59	08/29/25 23:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/29/25 13:59	08/29/25 23:36	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/29/25 13:59	08/29/25 23:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/29/25 13:59	08/29/25 23:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/29/25 13:59	08/29/25 23:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	08/29/25 13:59	08/29/25 23:36	1
1,4-Difluorobenzene (Surr)	129		70 - 130	08/29/25 13:59	08/29/25 23:36	1

Lab Sample ID: MB 880-117954/5-A
Matrix: Solid
Analysis Batch: 117889

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117954

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/29/25 14:23	08/30/25 10:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/29/25 14:23	08/30/25 10:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/29/25 14:23	08/30/25 10:35	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/29/25 14:23	08/30/25 10:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/29/25 14:23	08/30/25 10:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/29/25 14:23	08/30/25 10:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	08/29/25 14:23	08/30/25 10:35	1
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	08/29/25 14:23	08/30/25 10:35	1

Lab Sample ID: LCS 880-117954/1-A
Matrix: Solid
Analysis Batch: 117889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117954

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08059		mg/Kg		81	70 - 130
Toluene	0.100	0.08992		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.08943		mg/Kg		89	70 - 130
m,p-Xylenes	0.200	0.1820		mg/Kg		91	70 - 130
o-Xylene	0.100	0.08745		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-117954/2-A
Matrix: Solid
Analysis Batch: 117889

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117954

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08464		mg/Kg		85	70 - 130	5	35

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-62124-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-117954/2-A

Matrix: Solid

Analysis Batch: 117889

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 117954

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09319		mg/Kg		93	70 - 130	4	35
Ethylbenzene	0.100	0.09441		mg/Kg		94	70 - 130	5	35
m,p-Xylenes	0.200	0.1883		mg/Kg		94	70 - 130	3	35
o-Xylene	0.100	0.08971		mg/Kg		90	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-62117-A-1-B MS

Matrix: Solid

Analysis Batch: 117889

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 117954

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07514		mg/Kg		75	70 - 130
Toluene	<0.00200	U F1	0.100	0.06780	F1	mg/Kg		68	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.06955		mg/Kg		70	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.1358	F1	mg/Kg		68	70 - 130
o-Xylene	<0.00200	U	0.100	0.06996		mg/Kg		70	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-62117-A-1-C MSD

Matrix: Solid

Analysis Batch: 117889

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 117954

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	0.07365		mg/Kg		74	70 - 130	2	35
Toluene	<0.00200	U F1	0.100	0.06619	F1	mg/Kg		66	70 - 130	2	35
Ethylbenzene	<0.00200	U F1	0.100	0.06909	F1	mg/Kg		69	70 - 130	1	35
m,p-Xylenes	<0.00399	U F1	0.200	0.1362	F1	mg/Kg		68	70 - 130	0	35
o-Xylene	<0.00200	U	0.100	0.07151		mg/Kg		72	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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

Lab Sample ID: MB 880-117765/1-A

Matrix: Solid

Analysis Batch: 117958

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 117765

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		08/28/25 08:32	08/29/25 10:25	1

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-62124-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-117765/1-A

Matrix: Solid

Analysis Batch: 117958

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 117765

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/28/25 08:32	08/29/25 10:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/28/25 08:32	08/29/25 10:25	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				08/28/25 08:32	08/29/25 10:25	1
o-Terphenyl (Surr)	95		70 - 130				08/28/25 08:32	08/29/25 10:25	1

Lab Sample ID: LCS 880-117765/2-A

Matrix: Solid

Analysis Batch: 117958

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 117765

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	975.1		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	1000	994.3		mg/Kg		99	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	103		70 - 130				
o-Terphenyl (Surr)	96		70 - 130				

Lab Sample ID: LCSD 880-117765/3-A

Matrix: Solid

Analysis Batch: 117958

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 117765

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	919.1		mg/Kg		92	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	905.3		mg/Kg		91	70 - 130	9	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	97		70 - 130						
o-Terphenyl (Surr)	90		70 - 130						

Lab Sample ID: 890-8726-A-1-B MS

Matrix: Solid

Analysis Batch: 117958

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 117765

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	734.8		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	782.3		mg/Kg		78	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	83		70 - 130						
o-Terphenyl (Surr)	74		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-62124-1
SDG: Lea Co, NM

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

Lab Sample ID: 890-8726-A-1-C MSD

Matrix: Solid

Analysis Batch: 117958

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 117765

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	747.2		mg/Kg		75	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	795.5		mg/Kg		79	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	84		70 - 130								
o-Terphenyl (Surr)	74		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-117989/1-A

Matrix: Solid

Analysis Batch: 117990

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			08/29/25 22:28	1

Lab Sample ID: MB 880-117989/26-A

Matrix: Solid

Analysis Batch: 117990

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			08/30/25 01:20	1

Lab Sample ID: LCS 880-117989/2-A

Matrix: Solid

Analysis Batch: 117990

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	257.4		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-117989/3-A

Matrix: Solid

Analysis Batch: 117990

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	258.8		mg/Kg		104	90 - 110	1	20

Lab Sample ID: 880-62124-1 MS

Matrix: Solid

Analysis Batch: 117990

Client Sample ID: SW-37 (4.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<10.1	U F1	252	285.7		mg/Kg		110	90 - 110		

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QC Sample Results

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-62124-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-62124-1 MSD							Client Sample ID: SW-37 (4.25')					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 117990												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	<10.1	U F1	252	291.9	F1	mg/Kg		113	90 - 110	2	20	

QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-62124-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 117889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62124-1	SW-37 (4.25')	Total/NA	Solid	8021B	117954
880-62124-2	SW-38 (4.25')	Total/NA	Solid	8021B	117954
880-62124-3	SW-39 (4.25')	Total/NA	Solid	8021B	117954
MB 880-117950/5-A	Method Blank	Total/NA	Solid	8021B	117950
MB 880-117954/5-A	Method Blank	Total/NA	Solid	8021B	117954
LCS 880-117954/1-A	Lab Control Sample	Total/NA	Solid	8021B	117954
LCSD 880-117954/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	117954
880-62117-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	117954
880-62117-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	117954

Prep Batch: 117950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-117950/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 117954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62124-1	SW-37 (4.25')	Total/NA	Solid	5035	
880-62124-2	SW-38 (4.25')	Total/NA	Solid	5035	
880-62124-3	SW-39 (4.25')	Total/NA	Solid	5035	
MB 880-117954/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-117954/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-117954/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-62117-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-62117-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 118026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62124-1	SW-37 (4.25')	Total/NA	Solid	Total BTEX	
880-62124-2	SW-38 (4.25')	Total/NA	Solid	Total BTEX	
880-62124-3	SW-39 (4.25')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 117765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62124-1	SW-37 (4.25')	Total/NA	Solid	8015NM Prep	
880-62124-2	SW-38 (4.25')	Total/NA	Solid	8015NM Prep	
880-62124-3	SW-39 (4.25')	Total/NA	Solid	8015NM Prep	
MB 880-117765/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-117765/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-117765/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8726-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8726-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 117958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62124-1	SW-37 (4.25')	Total/NA	Solid	8015B NM	117765
880-62124-2	SW-38 (4.25')	Total/NA	Solid	8015B NM	117765
880-62124-3	SW-39 (4.25')	Total/NA	Solid	8015B NM	117765
MB 880-117765/1-A	Method Blank	Total/NA	Solid	8015B NM	117765
LCS 880-117765/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	117765

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QC Association Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-62124-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 117958 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-117765/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	117765
890-8726-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	117765
890-8726-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	117765

Analysis Batch: 118043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62124-1	SW-37 (4.25')	Total/NA	Solid	8015 NM	
880-62124-2	SW-38 (4.25')	Total/NA	Solid	8015 NM	
880-62124-3	SW-39 (4.25')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 117989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62124-1	SW-37 (4.25')	Soluble	Solid	DI Leach	
880-62124-2	SW-38 (4.25')	Soluble	Solid	DI Leach	
880-62124-3	SW-39 (4.25')	Soluble	Solid	DI Leach	
MB 880-117989/1-A	Method Blank	Soluble	Solid	DI Leach	
MB 880-117989/26-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-117989/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-117989/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-62124-1 MS	SW-37 (4.25')	Soluble	Solid	DI Leach	
880-62124-1 MSD	SW-37 (4.25')	Soluble	Solid	DI Leach	

Analysis Batch: 117990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62124-1	SW-37 (4.25')	Soluble	Solid	300.0	117989
880-62124-2	SW-38 (4.25')	Soluble	Solid	300.0	117989
880-62124-3	SW-39 (4.25')	Soluble	Solid	300.0	117989
MB 880-117989/1-A	Method Blank	Soluble	Solid	300.0	117989
MB 880-117989/26-A	Method Blank	Soluble	Solid	300.0	117989
LCS 880-117989/2-A	Lab Control Sample	Soluble	Solid	300.0	117989
LCSD 880-117989/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	117989
880-62124-1 MS	SW-37 (4.25')	Soluble	Solid	300.0	117989
880-62124-1 MSD	SW-37 (4.25')	Soluble	Solid	300.0	117989

Lab Chronicle

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-62124-1
SDG: Lea Co, NM

Client Sample ID: SW-37 (4.25')

Lab Sample ID: 880-62124-1

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/29/25 12:17

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	117954	08/29/25 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117889	08/30/25 12:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			118026	08/30/25 12:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			118043	08/29/25 21:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117765	08/28/25 08:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117958	08/29/25 21:43	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	117989	08/29/25 18:37	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	117990	08/30/25 00:09	SMC	EET MID

Client Sample ID: SW-38 (4.25')

Lab Sample ID: 880-62124-2

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/29/25 12:17

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	117954	08/29/25 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117889	08/30/25 12:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			118026	08/30/25 12:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			118043	08/29/25 21:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117765	08/28/25 08:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117958	08/29/25 21:58	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	117989	08/29/25 18:37	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	117990	08/30/25 00:26	SMC	EET MID

Client Sample ID: SW-39 (4.25')

Lab Sample ID: 880-62124-3

Date Collected: 08/22/25 00:00

Matrix: Solid

Date Received: 08/29/25 12:17

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	117954	08/29/25 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117889	08/30/25 13:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			118026	08/30/25 13:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			118043	08/29/25 22:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117765	08/28/25 08:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117958	08/29/25 22:14	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	117989	08/29/25 18:37	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	117990	08/30/25 00:32	SMC	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-62124-1
SDG: Lea 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	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: SD SWD 13 ROTF Facility

Job ID: 880-62124-1
SDG: Lea 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: SD SWD 13 ROTF Facility

Job ID: 880-62124-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-62124-1	SW-37 (4.25')	Solid	08/22/25 00:00	08/29/25 12:17	New Mexico
880-62124-2	SW-38 (4.25')	Solid	08/22/25 00:00	08/29/25 12:17	New Mexico
880-62124-3	SW-39 (4.25')	Solid	08/22/25 00:00	08/29/25 12:17	New Mexico

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

Chain of Custody



880-62124 Chain of Custody

1 of 1

Work Order Comments

Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/AUST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other: ☐

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

[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
1			8/29/25 12:17			
3						
5						

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-62124-1

SDG Number: Lea Co, NM

Login Number: 62124

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	



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

September 03, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: SD SWD 13 ROTF FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 08/29/25 13:06.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/29/2025
 Reported: 09/03/2025
 Project Name: SD SWD 13 ROTF FACILITY
 Project Number: 2750
 Project Location: LEA CO, NM

Sampling Date: 08/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BACKFILL SAMPLE (H255407-01)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/29/2025	ND	1.76	88.2	2.00	6.83		
Toluene*	<0.050	0.050	08/29/2025	ND	1.89	94.6	2.00	4.60		
Ethylbenzene*	<0.050	0.050	08/29/2025	ND	1.88	94.1	2.00	2.96		
Total Xylenes*	<0.150	0.150	08/29/2025	ND	5.73	95.5	6.00	2.87		
Total BTEx	<0.300	0.300	08/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/02/2025	ND	480	120	400	6.90		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	209	105	200	6.12	
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	183	91.5	200	0.722	
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND					

Surrogate: 1-Chlorooctane 73.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.3 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Work Order No: _____

425540-

Page 1 of 1

Revised Date 05/01/2020 Rev. 2020.1

APPENDIX F

CARMONA RESOURCES



Soil Map—Lea County, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

8/5/2025
Page 1 of 3

Soil Map—Lea County, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 21, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PU	Pyote and Maljamar fine sands	1.4	100.0%
Totals for Area of Interest		1.4	100.0%

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 12 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent

Maljamar and similar soils: 44 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand

Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Maljamar

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent
Ecological site: R070BC022NM - Sandhills

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 21, Sep 3, 2024

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 507299

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 507299
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515430728
Incident Name	NAPP2515430728 SALADO DRAW SWD 13 ROTF FACILITY @ FSL2003151750
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Facility	[fSL2003151750] SALADO DRAW SWD 13 ROTF FACILITY

Location of Release Source

Please answer all the questions in this group.

Site Name	SALADO DRAW SWD 13 ROTF FACILITY
Date Release Discovered	06/03/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 332 BBL Recovered: 300 BBL Lost: 32 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 507299

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 507299
	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: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 09/18/2025
--	--

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

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

QUESTIONS, Page 3

Action 507299

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 507299
	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	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	10800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	484
GRO+DRO (EPA SW-846 Method 8015M)	484
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	08/19/2025
On what date will (or did) the final sampling or liner inspection occur	08/19/2025
On what date will (or was) the remediation complete(d)	09/15/2025
What is the estimated surface area (in square feet) that will be reclaimed	12105
What is the estimated volume (in cubic yards) that will be reclaimed	2200
What is the estimated surface area (in square feet) that will be remediated	12105
What is the estimated volume (in cubic yards) that will be remediated	2200
<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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Phone: (505) 476-3441

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

QUESTIONS, Page 4

Action 507299

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 507299
	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	Not answered.
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	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	Milestone - Orla, Tx
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: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 09/18/2025
<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 507299

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 507299
	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 507299

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 507299
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	496486
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/22/2025
What was the (estimated) number of samples that were to be gathered	55
What was the sampling surface area in square feet	14750

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	12105
What was the total volume (cubic yards) remediated	2200
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	12105
What was the total volume (in cubic yards) reclaimed	2200
Summarize any additional remediation activities not included by answers (above)	"Area was excavated and remediated based off of initial site assessment results. A 400sqft composite floor sample variance and 200sqft sidewall sample variance was approved prior to remedaiton beginning. Once composite confirmation sidewall and floor samples were received, the area was backfilled with topsoil from the grazing tenants backfill pit. Site was reclaimed and reseeded with BLM seed mix."
<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: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 09/18/2025

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QUESTIONS, Page 7

Action 507299

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 507299
	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	12105
What was the total volume of replacement material (in cubic yards) for this site	2200
<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)	09/15/2025
Summarize any additional reclamation activities not included by answers (above)	"Area was excavated and remediated based off of initial site assessment results. A 400sqft composite floor sample variance and 200sqft sidewall sample variance was approved prior to remediation beginning. Once composite confirmation sidewall and floor samples were received, the area was backfilled with topsoil from the grazing tenants backfill pit. Site was reclaimed and reseeded with BLM seed mix."
<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: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 09/18/2025

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QUESTIONS, Page 8

Action 507299

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 507299
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 507299

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 507299
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The reclamation/remediation closure report is approved. The "Cave and Karst Resource Inventory Report – Salado Draw North Pond" Karst Survey will be accepted for record and placed in the incident files for future reference. The SDNP survey area contains no surface karst features within 200 feet (61 meters) of the spill delineation boundary provided by the client. This area may contain subsurface karst features. Caution should be exercised while clearing brush and during any excavation, trenching, or construction operations. In New Mexico, karst surveys are generally valid for a period of three years due to the dynamic and unpredictable nature of karst areas.	10/31/2025