

CARMONA RESOURCES



SITE INFORMATION

**Closure Report
Saints Booster
Incident # NAPP2325638370
Eddy County, New Mexico
Unit B Sec 11 T24S R29E
32.238222°, -103.951583°**

**Crude Oil and Produced Water Release
Point of Release: Tank Fire Caused by Lightning Strike
Release Date: 09/13/23
Volume Released: 100 Barrels of Crude Oil and 2,000 Barrels of Produced Water
Volume Recovered: 0 Barrels of Crude Oil and 0 Barrels of Produced Water**

CARMONA RESOURCES



**Prepared for:
NGL Water Solutions, Permian, LLC.
865 North Albion Street
Denver, CO 80220**

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

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

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 CONCLUSIONS

FIGURES

FIGURE 1	OVERVIEW	FIGURE 2	TOPOGRAPHIC
FIGURE 3	SAMPLE LOCATION	FIGURE 4	EXCAVATION

APPENDICES

APPENDIX A	TABLES
APPENDIX B	PHOTOS
APPENDIX C	INITIAL AND FINAL C-141
APPENDIX D	SITE CHARACTERIZATION AND GROUNDWATER
APPENDIX E	LABORATORY REPORTS



February 12, 2024,

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

**Re: Closure Report
Saints Booster
NGL Water Solutions Permian, LLC
Incident # NAPP2325638370
Site Location: Unit B Sec 11 T24S R29E
(Lat 32.238222°, Long -103.951583°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of NGL Energy Partners (NGL), Carmona Resource, LLC has prepared this letter to document site assessment activities for the Saints Booster. The site is located at 32.238222°, -103.951583° within Unit B, S11, T24S, R29E in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on September 13, 2023, caused by a tank battery fire due to a lightning strike. The incident resulted in the release of approximately one hundred (100) barrels of crude oil and two thousand (2,000) barrels of produced water. No fluids were recovered due to the fire. The impacted area occurred on the pad, as shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.29 miles Northwest of the site in S3, T24S, R29E and was drilled in 2020. The well has a reported depth to groundwater of 120' below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

On November 21, 2023, Carmona Resources personnel was onsite to drill a groundwater determination bore to 55' bgs, which is approximately 0.03 miles Northwest of the release point. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 55' below the surface. The coordinates for the groundwater determination bore are 32.235563°, -103.952480°. See Appendix D for the driller's log.

On December 1, 2023, Carmona Resources, LLC was granted a variance by the NMOCD for a confirmation sampling variance of 400 square feet. See Appendix C for the correspondence.

3.0 NMAC Regulatory Criteria

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

- Benzene: 10 milligrams per kilogram (mg/kg).

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



- 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: 10,000 mg/kg.

4.0 Site Assessment Activities

On October 11, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of seven (7) trenches (T-1 through T-7) and eight (8) horizontal sample points (H-1 through H-8) were advanced to depths ranging from surface to 4' bgs inside the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

The sampling results are summarized in Table 1, and see Figure 3 for the sample locations.

5.0 Remediation Activities

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 web portal on January 13, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The areas of T-1, T-2, and T-3 were excavated to a depth of 1.5'. A total of thirty-nine (39) confirmation floor samples were collected (CS-1 through CS-39), and nine (9) sidewall samples (SW-1 through SW-9) were collected every 400 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

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

Approximately 19,175 square feet of the well pad were remediated, and 1,200 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and NGL formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

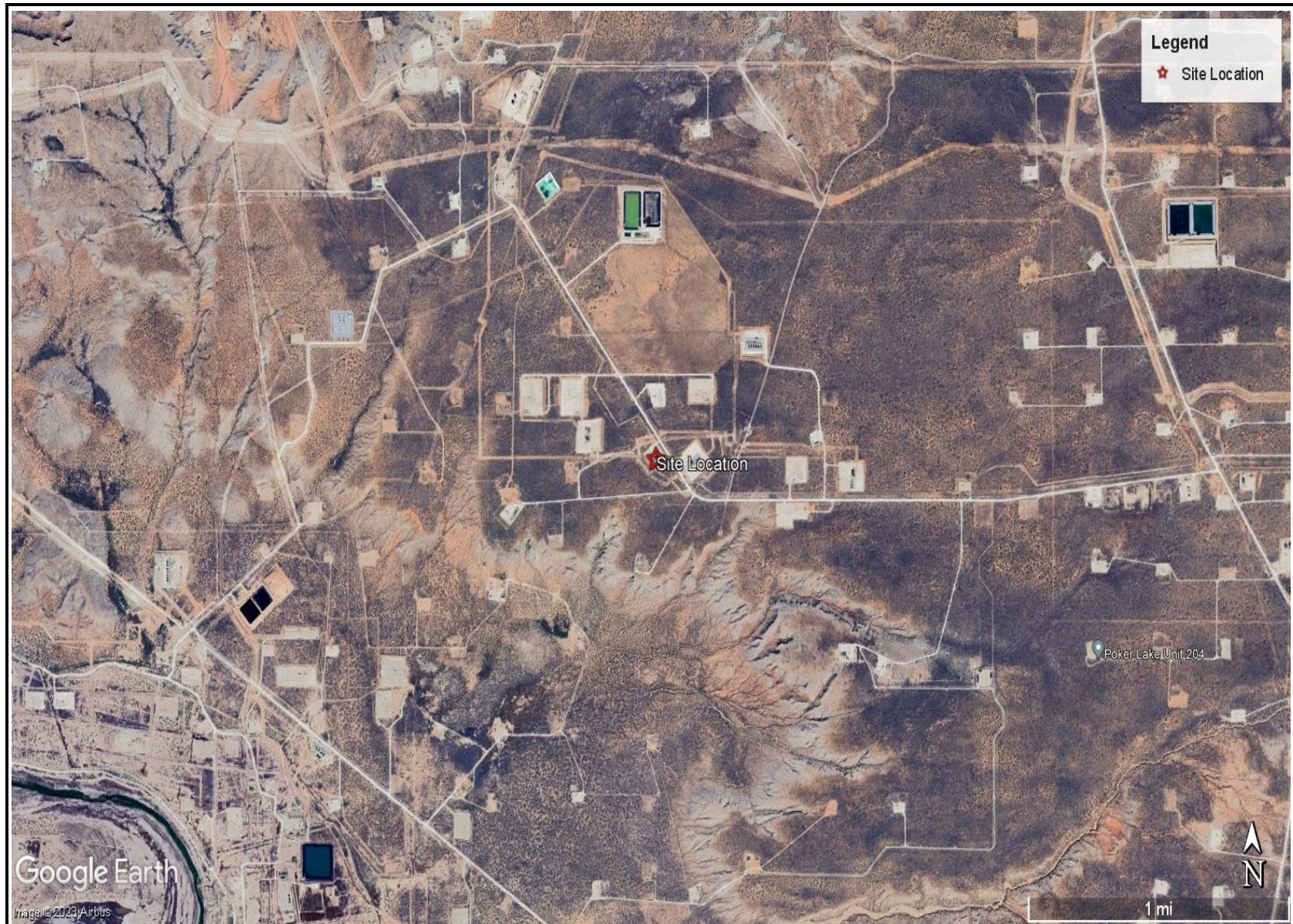
Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES





SITE OVERVIEW MAP
NGL WATER SOLUTIONS
SAINTS BOOSTER
EDDY COUNTY, NEW MEXICO
32.238222°, -103.951583°



FIGURE 1



TOPOGRAPHIC MAP
NGL WATER SOLUTIONS
SAINTS BOOSTER
EDDY COUNTY, NEW MEXICO
32.238222°, -103.951583°



FIGURE 2



SAMPLE LOCATION MAP
NGL WATER SOLUTIONS
SAINTS BOOSTER
EDDY COUNTY, NEW MEXICO
32.238222°, -103.951583°



FIGURE 3



EXCAVATION MAP
NGL WATER SOLUTIONS
SAINTS BOOSTER
EDDY COUNTY, NEW MEXICO
32.238222°, -103.951583°



FIGURE 4

APPENDIX A

CARMONA RESOURCES



Table 1
NGL Water Solutions
Saints Booster
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-1	10/11/2023	0-1	<49.6	801	<49.6	801	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11,500
	"	1.5	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	366
	"	2	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	376
	"	3	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	99.9
T-2	10/11/2023	0-1	<50.3	2,480	<50.3	2,480	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8,510
	"	1.5	<49.9	77.1	<49.9	77.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,590
	"	2	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,130
	"	3	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	148
T-3	10/11/2023	0-1	<50.3	616	<50.3	616	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	15,300
	"	1.5	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,710
	"	2	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1,370
	"	3	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	95.8
T-4	10/11/2023	0-1	<49.8	127	<49.8	127	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	8,380
	"	1.5	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	397
	"	2	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	228
	"	3	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	196
T-5	10/11/2023	0-1	<50.5	143	<50.5	143	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	8,830
	"	1.5	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,340
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,390
	"	3	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,650
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	187
T-6	10/11/2023	0-1	<50.3	463	<50.3	463	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	8,000
	"	1.5	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,740
	"	2	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,210
	"	3	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	172
T-7	10/11/2023	0-1	<50.2	304	<50.2	304	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	7,140
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	649
	"	2	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	279
	"	3	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	123
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(T) Trench Sample

 Removed

Table 1
NGL Water Solutions
Saints Booster
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	10/11/2023	0-0.5	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	94.2
H-2	10/11/2023	0-0.5	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	126
H-3	10/11/2023	0-0.5	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	39.3
H-4	10/11/2023	0-0.5	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	109
H-5	10/11/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	85.9
H-6	10/11/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	98.9
H-7	10/11/2023	0-0.5	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	106
H-8	10/11/2023	0-0.5	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	98.2
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 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
NGL Water Solutions
Saints Booster
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	1/16/2024	1.5	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,530
CS-2	1/16/2024	1.5	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,780
CS-3	1/16/2024	1.5	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,180
CS-4	1/16/2024	1.5	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,260
CS-5	1/16/2024	1.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,750
CS-6	1/16/2024	1.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,790
CS-7	1/16/2024	1.5	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,100
CS-8	1/16/2024	1.5	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,780
CS-9	1/16/2024	1.5	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,730
CS-10	1/16/2024	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,220
CS-11	1/16/2024	1.5	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,780
CS-12	1/16/2024	1.5	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,800
CS-13	1/16/2024	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,540
CS-14	1/16/2024	1.5	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,450
CS-15	1/16/2024	1.5	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	1,640
CS-16	1/16/2024	1.5	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,640
CS-17	1/16/2024	1.5	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,700
CS-18	1/16/2024	1.5	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,470
CS-19	1/16/2024	1.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,350
CS-20	1/16/2024	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,260
CS-21	1/16/2024	1.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,880
CS-22	1/16/2024	1.5	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,020
CS-23	1/16/2024	1.5	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,780
CS-24	1/16/2024	1.5	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,860
CS-25	1/16/2024	1.5	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,300
CS-26	1/16/2024	1.5	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,220
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
NGL Water Solutions
Saints Booster
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-27	1/16/2024	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,400
CS-28	1/16/2024	1.5	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,150
CS-29	1/16/2024	1.5	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,530
CS-30	1/16/2024	1.5	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,410
CS-31	1/16/2024	1.5	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,280
CS-32	1/16/2024	1.5	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,340
CS-33	1/16/2024	1.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,210
CS-34	1/16/2024	1.5	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,560
CS-35	1/16/2024	1.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,440
CS-36	1/16/2024	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,400
CS-37	1/16/2024	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,360
CS-38	1/16/2024	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,250
CS-39	1/16/2024	1.5	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,500
SW-1	1/16/2024	1.5	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	125
SW-2	1/16/2024	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	127
SW-3	1/16/2024	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	108
SW-4	1/16/2024	1.5	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	108
SW-5	1/16/2024	1.5	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	120
SW-6	1/16/2024	1.5	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	107
SW-7	1/16/2024	1.5	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	128
SW-8	1/16/2024	1.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	121
SW-9	1/16/2024	1.5	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	123
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

NGL Energy Partners

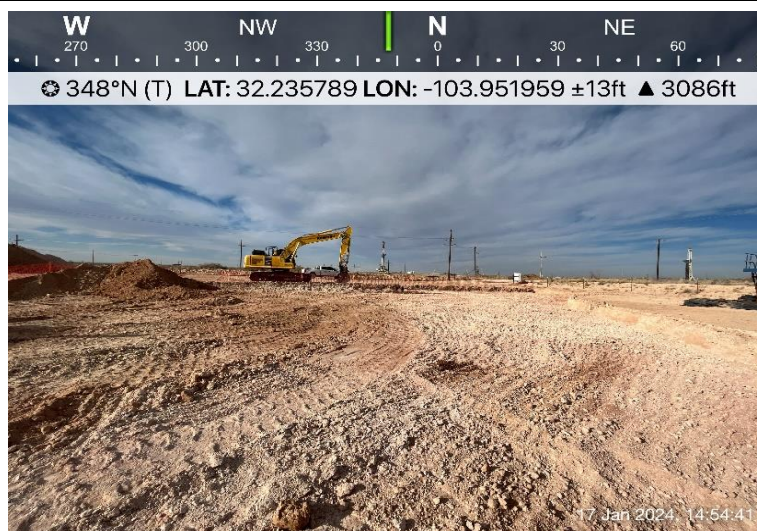
Photograph No. 1

Facility: Saints Booster

County: Eddy County, New Mexico

Description:

View North, area of CS-1 through CS-23.



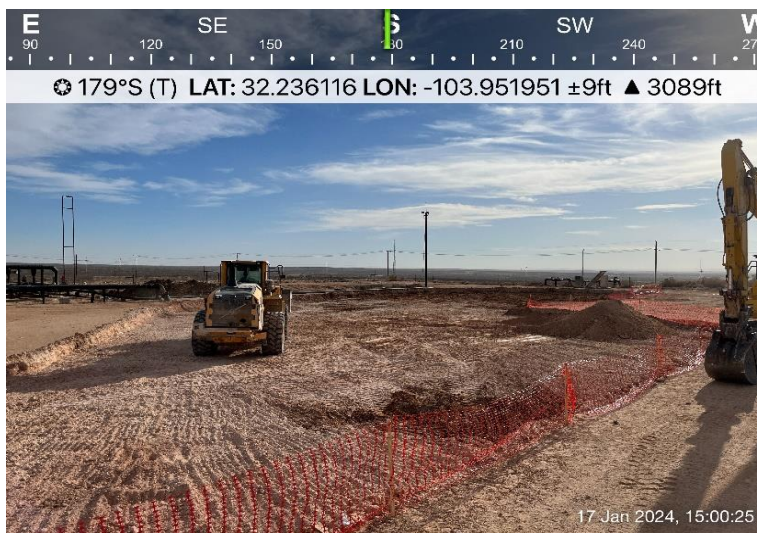
Photograph No. 2

Facility: Saints Booster

County: Eddy County, New Mexico

Description:

View South, area of CS-1 through CS-23.



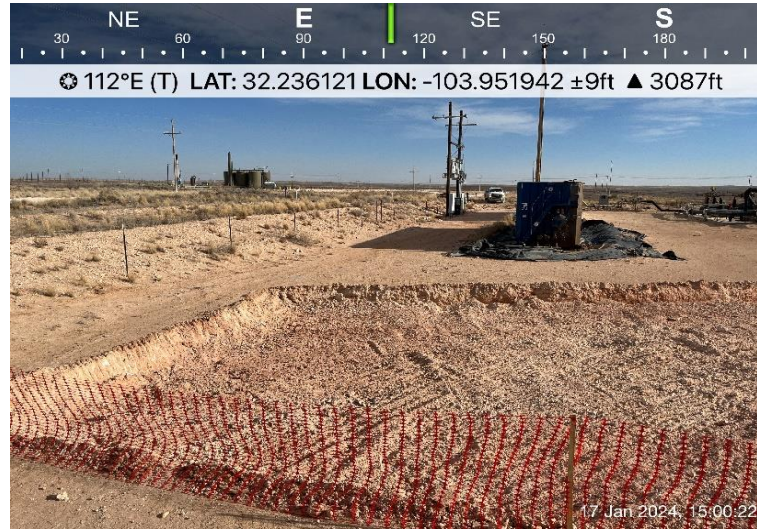
Photograph No. 3

Facility: Saints Booster

County: Eddy County, New Mexico

Description:

View East, area of CS-1, CS-2, CS-8 and CS-9.



PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 4

Facility: Saints Booster

County: Eddy County, New Mexico

Description:

View South, area of CS-23 through CS-39.



Photograph No. 5

Facility: Saints Booster

County: Eddy County, New Mexico

Description:

View Southwest, area of CS-23 through CS-39.



Photograph No. 6

Facility: Saints Booster

County: Eddy County, New Mexico

Description:

View Northwest, after drilling the GWDB.



APPENDIX C

CARMONA RESOURCES



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2325638370
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	NGL Water Solutions Permian, LLC	OGRID	372338
Contact Name	Joseph Vargo	Contact Telephone	303-815-1010
Contact email	Joseph.Vargo@nglep.com	Incident # (assigned by OCD)	nAPP2325638370
Contact mailing address	865 N. Albion St. Ste 400, Denver, CO 80220		

Location of Release Source

Latitude 32.238222 Longitude -103.951583
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Saints Booster	Site Type	Saltwater Disposal Booster Station
Date Release Discovered	9.13.2023	API# (if applicable)	NA

Unit Letter	Section	Township	Range	County
B	11	24S	29E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: NGL Water Solutions, LLC)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☒ Crude Oil	Volume Released (bbls) 100	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 2000	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

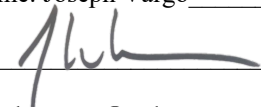
Lightning Strike from inclement weather caught the booster station with tanks on fire. 1000 bbls breached containment. Eddy County Volunteer Fire Department and Happy Valley Fire Dept responded immediately to the site, using water and foam to put out the fire.

Incident ID	nAPP2325638370
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? More than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, initially NOR the day of release by Joseph Vargo	

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. ☒ The impacted area has been secured to protect human health and the environment. ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. ☒ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. 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 attach all information needed for closure evaluation.	
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.	
Printed Name: Joseph Vargo_____	Title: Regulatory Director_____
Signature:  _____	Date: 9.27.23_____
email: Joseph.Vargo@nglep.com_____	Telephone: 303-815-1010_____
<u>OCD Only</u> Received by: _____ Date: _____	

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

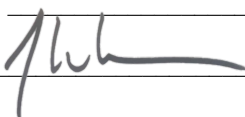
State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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.

Printed Name: _____ Title: _____

Signature:  _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

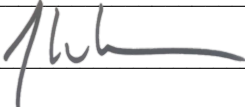
Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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.

Printed Name: _____ Title: _____
Signature:  _____ Date: _____
email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

QUESTIONS

Action 303313

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 303313
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2325638370
Incident Name	NAPP2325638370 SAINTS BOOSTER @ 0
Incident Type	Fire
Incident Status	Remediation Plan Approved

Location of Release Source	
Site Name	SAINTS BOOSTER
Date Release Discovered	09/13/2023
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	19,175
What is the estimated number of samples that will be gathered	57
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/16/2024
Time sampling will commence	12:30 PM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Fabian Vargas (432) 813-5309
Please provide any information necessary for navigation to sampling site	FROM INT OF NM-128 AND RAWHIDE RD GO S APROX 8.5 MI ON RAWHIDE THEN TRN W 2MI THEN TRN NW .2MI THEN TRN W 350 FT TO GPS POINT

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

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

CONDITIONS

Action 303313

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 303313
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jvargo	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/13/2024

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

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

CONDITIONS

Action 290235

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 290235
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. The variance for 400 ft2 confirmation sample size is approved. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/proven depth to water determination. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All sidewall samples should be taken from the sidewall of the excavation. Please make sure that the edge of the release extent is accurately defined. The work will need to occur in 90 days after the report has been reviewed.	12/1/2023

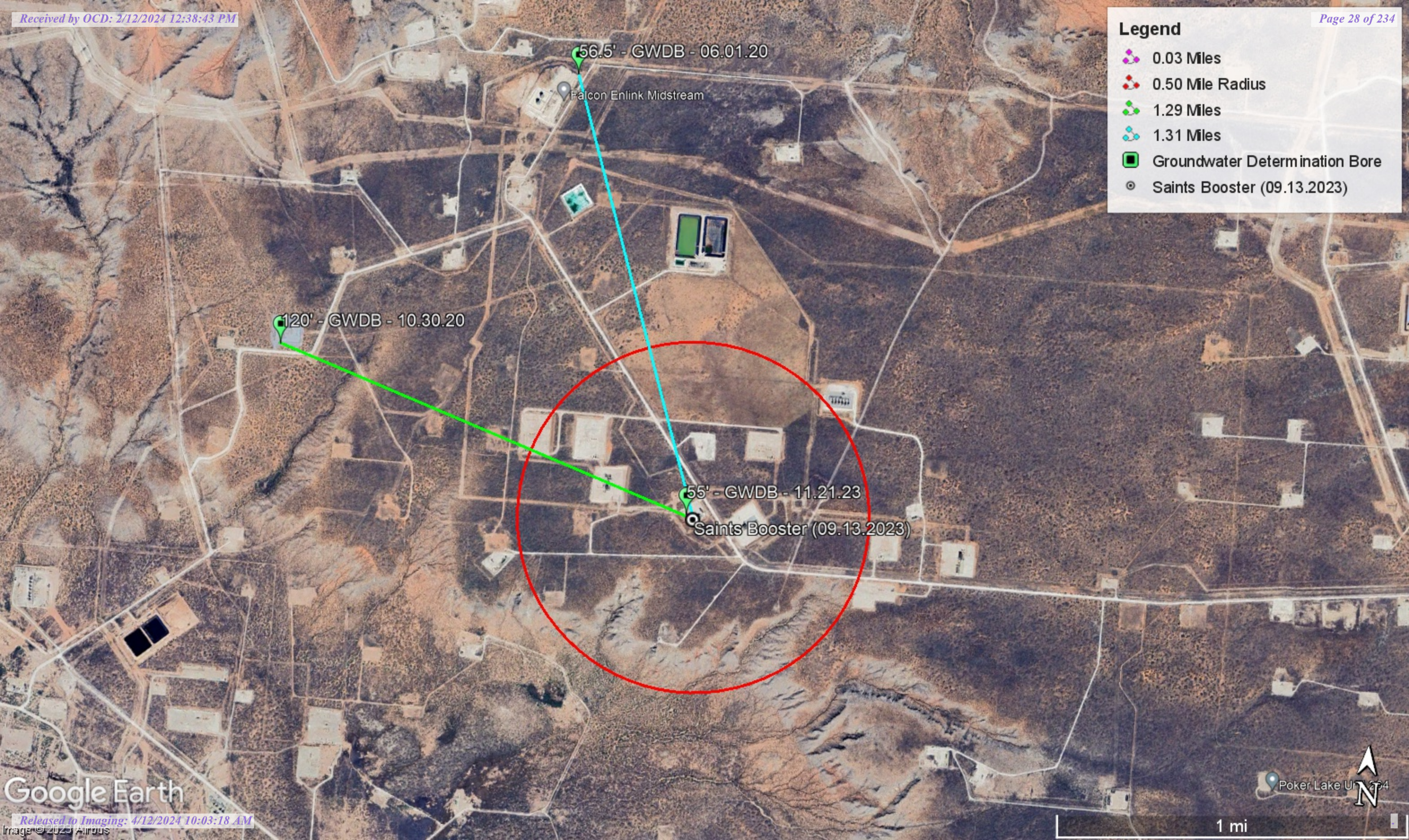
APPENDIX D

CARMONA RESOURCES



Legend

- 0.03 Miles
- 0.50 Mile Radius
- 1.29 Miles
- 1.31 Miles
- Groundwater Determination Bore
- Saints Booster (09.13.2023)



Medium Karst

NGL Water Solutions Permian, LLC

Legend

- High
- Low
- Medium
- Saints Booster (09.13.2023)

Saints Booster (09.13.2023)

Google Earth

Image © 2023 Airbus

Image © 2023 CNES / Airbus

Released to Imaging: 4/12/2024 10:03:18 AM

Image © 2023 Maxar Technologies



2 mi

Groundwater Determination Bore Map

NGL Water Solutions
Saints Booster
Eddy County, New Mexico
32.235563, -103.952480

Legend

 0.50 Mile Radius

 55' GWDB

 Saints Booster



55' GWDB ● Saints Booster





Project Name :	NGL Saints Booster	Date :	Tuesday, November 21, 2023
Project No. :	2151	Sampler :	Ivan Ramos
Location :	Eddy County, New Mexico	Driller :	H&R Enterprises, LLC
Coordinates :	32.235563, -103.952480	Method :	Air Rotary
Elevation :	3,088		

Depth (ft.)	WL	Soil Description	Lithology	Depth (ft.)	WL	Soil Description	Lithology
0		(0') - Light brown, poorly cemented small to medium subangular gravel with 75% fine, silty, soft loose sand. Dry, no odor, no organics (SW).		50		(50') - Light red, small to medium well cemented subangular gravel with 75% fine, very soft, very loose sand. Dry, no odor, no organics (SM).	
5		(5') - White, well cemented small subangular gravel with 50% silty, soft, loose sand. Dry, no odor, no organics (SP).		55		(55') - Light red, small to medium well cemented subrounded gravel with 75% fine, clayey, very soft, very loose sand. Dry, no odor, no organics (SM).	
10		(10') - Light red, small to medium well cemented subrounded gravel with 75% fine, very soft, loose sand. Dry, no odor, no organics (SM).		60			
15		(15') - Light red, small to medium well cemented subangular gravel with 75% fine, clayey, very soft, loose sand. Dry, no odor, no organics (SM).		65			
20		(20') - Light red, small to medium well cemented subangular gravel with 75% fine, clayey, very soft, loose sand. Dry, no odor, no organics (SM).		70			
25		(25') - Light red, small to medium well cemented subangular gravel with 75% fine, very soft, very loose sand. Dry, no odor, no organics (SM).		75			
30		(30') - Light red, small to medium well cemented subangular gravel with 75% fine, very soft, very loose sand. Dry, no odor, no organics (SM).		80			
35		(35') - Light red, small to medium well cemented subangular gravel with 75% fine, very soft, very loose sand. Dry, no odor, no organics (SM).		85			
40		(40') - Light red, small to medium well cemented subangular gravel with 75% fine, very soft, very loose sand. Dry, no odor, no organics (SM).		90			
45		(45') - Light red, small to medium well cemented subangular gravel with 75% fine, very soft, very loose sand. Dry, no odor, no organics (SM).		95			
50				105			

Comments : (11/21/23) Boring terminated at 56' at 12:00 Central Time with no presence of groundwater or moisture.



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04481 POD8	CUB	ED	1	3	4	03	24S	29E	596852	3567655		1978	125		
C 04481 POD2	CUB	ED	1	3	4	03	24S	29E	596852	3567748		2010	120		
C 04481 POD7	CUB	ED	2	4	3	03	14S	29E	596800	3567655		2027	110		
C 04481 POD1	CUB	ED	1	3	4	03	24S	29E	596799	3567778		2070	135		
C 04481 POD3	CUB	ED	2	4	3	03	24S	29E	596799	3567778		2070	120		
C 04481 POD6	CUB	ED	2	4	3	03	24S	29E	596748	3567654		2077	120		
C 04481 POD4	CUB	ED	2	4	3	03	24S	29E	596747	3567685		2087	150		
C 04481 POD5	CUB	ED	2	4	3	03	24S	29E	596747	3567747		2108	120		
C 04526 POD1	CUB	ED	4	1	4	06	24S	30E	601899	3568060		3334			

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 9

UTMNAD83 Radius Search (in meters):

Easting (X): 598727.98

Northing (Y): 3567026.61

Radius: 4000

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.

9/27/23 9:45 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

2024 02 12 12:38:43 PM

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD-6		WELL TAG ID NO.		OSE FILE NO(S). C4481		
	WELL OWNER NAME(S) XCEL Energy				PHONE (OPTIONAL) 866-457-6291		
	WELL OWNER MAILING ADDRESS 2801 I-40 East				CITY STATE ZIP Albuquerque TX 87118		
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 14	SECONDS 29 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
LONGITUDE 103 58 23 W							
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Malaga Band Substation 363-2 Gavilan Rd Malaga NM 80263							
2. DRILLING & CASING INFORMATION	LICENSE NO. 1755		NAME OF LICENSED DRILLER John D. Norris		NAME OF WELL DRILLING COMPANY Hungry Horse, LLC		
	DRILLING STARTED 30 Sept 20	DRILLING ENDED 30 Sept 20	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT) 120'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:						
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
	FROM	TO					
			N/A CASING				
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT	
	FROM	TO					
	1'	20'	6"	Bentonite chips	29.7 cf	TOP	
	20'	120'	6"	Metallurgical coke breeze	20. cf	TOP	

FOR OSE INTERNAL USE

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

FILE NO. C-4481	POD NO. 6	TRN NO. 678916
LOCATION 432 T24S R29E Sec 3	WELL TAG ID NO. N/A	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

FOR OSE INTERNAL USE

SB-1

Page 1 of 1

Compliance

Completion Date

6/1/2020

Latitude

32° 35' 32" N

Drilling Contractor

Atkins Engineering

Longitude

-103.959474°

Drilling Method

Hollow Stem Auger

Surface Elevation (ft)

approx. 3080'

Boring Diameter

3.25 i.d.

Total Depth (ft)

56

Location: Falcon

Purpose: Boring to determine
groundwater presence

Project: rcfalco.drl.20

Depth in Feet	Lithology	USCS	Description	Abandonment
0				
5		SP	Sand, Medium/Fine grained, poorly graded with Calchie, Light Brown (7.5 YR 6/4) -Dry	
10				
15				
20		SP	Sand, Fine grained, poorly graded, Light Brown (7.5 YR 6/4) -Dry	
25				
30				
35		SP	Sand, Medium/Fine grained, poorly graded, with Calchie, Brown (7.5 YR 56/) -Dry	
40				
45		SP	Sand, Fine grained, poorly graded, Brown (7.5 YR 4/4) -Dry	
50				
55		SP	Sand, Fine grained, poorly graded & Stiff Clay, Reddish Brown (5.0 YR 5/6) -Dry	

-  Bentonite Seal
-  Neat Cement/Bentonite
-  Native Fill

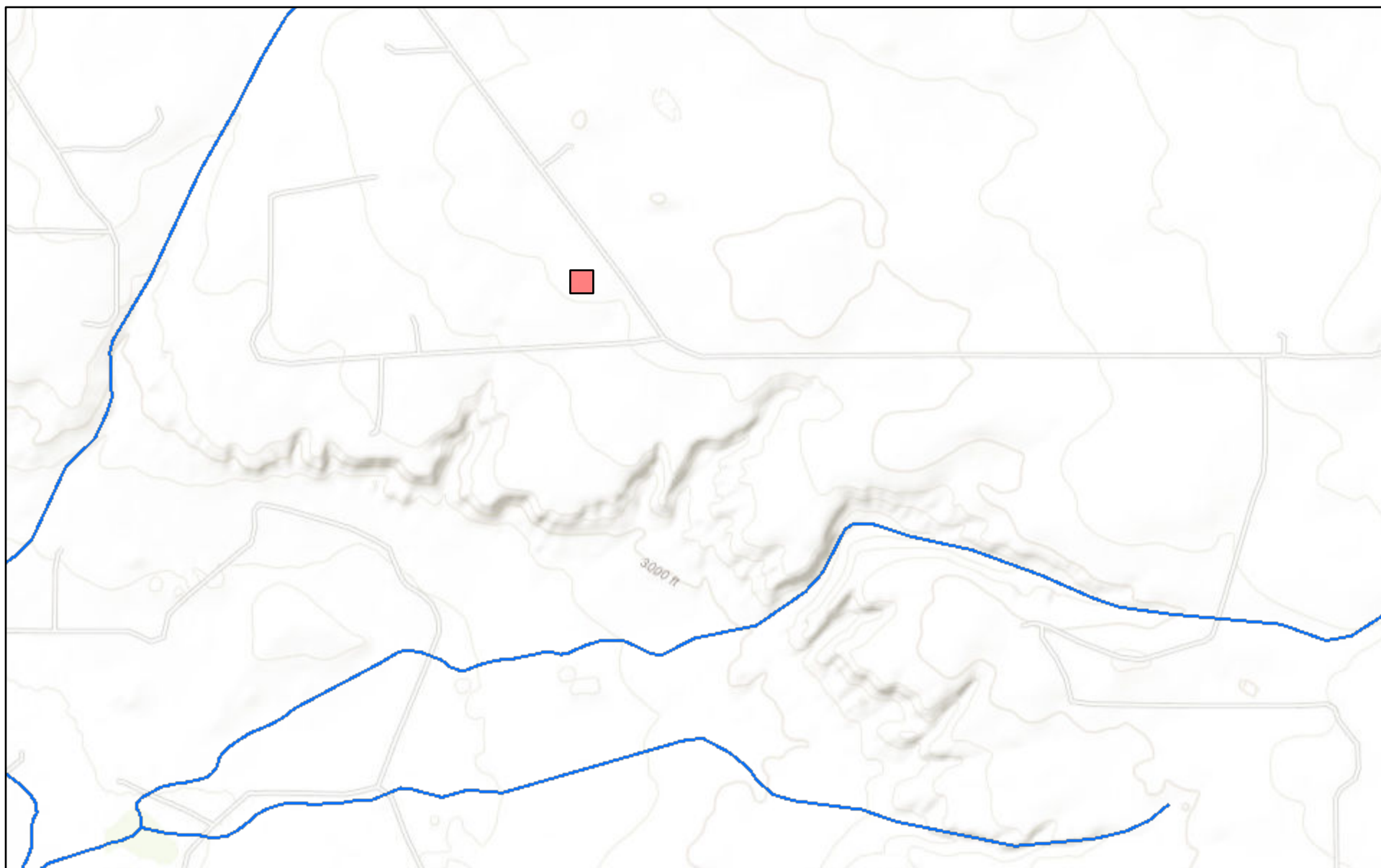
Lithology Legend

 Sand

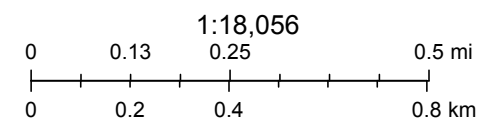
NOTES:



New Mexico NFHL Data



September 27, 2023



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

nmflood.org is made possible through a collaboration with NMDHSEM,

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

APPENDIX E

CARMONA RESOURCES





Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/19/2023 9:19:27 AM

JOB DESCRIPTION

Saints Booster
SDG NUMBER Eddy County New Mexico

JOB NUMBER

880-34436-1

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
10/19/2023 9:19:27 AM

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

Client: Carmona Resources
Project/Site: Saints Booster

Laboratory Job ID: 880-34436-1
SDG: Eddy County New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	7
Surrogate Summary	31
QC Sample Results	33
QC Association Summary	42
Lab Chronicle	49
Certification Summary	58
Method Summary	59
Sample Summary	60
Chain of Custody	61
Receipt Checklists	64

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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.
α	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/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Job ID: 880-34436-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-34436-1**

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 10/13/2023 4:03 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 -4.8°C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-1 (0-1.0') (880-34436-1), T-1 (2.0') (880-34436-3), T-1 (3.0') (880-34436-4), T-2 (0-1.0') (880-34436-5), T-2 (1.5') (880-34436-6), T-2 (2.0') (880-34436-7), T-2 (3.0') (880-34436-8), T-3 (0-1.0') (880-34436-9), T-3 (1.5') (880-34436-10), T-3 (2.0') (880-34436-11), T-4 (1.5') (880-34436-14), T-4 (2.0') (880-34436-15), T-4 (3.0') (880-34436-16), T-5 (0-1.0') (880-34436-17), T-5 (1.5') (880-34436-18), T-5 (2.0') (880-34436-19), T-5 (3.0') (880-34436-20), T-6 (0-1.0') (880-34436-22) and T-6 (1.5') (880-34436-23). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-34436-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCS 880-64786/1-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (880-34436-A-21-D MS) and (880-34436-A-21-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-6 (2.0') (880-34436-24) and T-7 (2.0') (880-34436-28). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-64786 and analytical batch 880-64760 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-64782 and analytical batch 880-64755 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-1 (0-1.0') (880-34436-1), T-1 (1.5') (880-34436-2), T-1 (2.0') (880-34436-3), T-1 (3.0') (880-34436-4), T-2 (0-1.0') (880-34436-5), T-2 (2.0') (880-34436-7), T-2 (3.0') (880-34436-8), T-3 (0-1.0') (880-34436-9), T-3 (1.5') (880-34436-10) and (880-34436-A-1-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Case Narrative

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Job ID: 880-34436-1 (Continued)**Laboratory: Eurofins Midland (Continued)**

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-3 (2.0') (880-34436-11), T-3 (3.0') (880-34436-12), T-4 (1.5') (880-34436-14), T-4 (2.0') (880-34436-15), T-4 (3.0') (880-34436-16), T-5 (0-1.0') (880-34436-17), T-5 (1.5') (880-34436-18) and T-5 (3.0') (880-34436-20). 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: (CCV 880-64755/20), (CCV 880-64755/31) and (CCV 880-64755/5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-64782 and analytical batch 880-64755 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-64784 and analytical batch 880-64757 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-5 (4.0') (880-34436-21), T-6 (0-1.0') (880-34436-22) and (880-34436-A-21-C MSD). 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.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-64821 and analytical batch 880-64976 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-1 (0-1.0')

Lab Sample ID: 880-34436-1

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:46	10/16/23 13:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 13:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 13:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 09:46	10/16/23 13:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 13:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 09:46	10/16/23 13:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	10/16/23 09:46	10/16/23 13:03	1
1,4-Difluorobenzene (Surr)	86		70 - 130	10/16/23 09:46	10/16/23 13:03	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			10/16/23 13:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	801		49.6		mg/Kg			10/16/23 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/16/23 09:38	10/16/23 11:42	1
Diesel Range Organics (Over C10-C28)	801	F1	49.6		mg/Kg		10/16/23 09:38	10/16/23 11:42	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/16/23 09:38	10/16/23 11:42	1
Total TPH	801	F1	49.6		mg/Kg		10/16/23 09:38	10/16/23 11:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130	10/16/23 09:38	10/16/23 11:42	1
o-Terphenyl	118		70 - 130	10/16/23 09:38	10/16/23 11:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11500		99.8		mg/Kg			10/17/23 19:58	20

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-34436-2

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:46	10/16/23 13:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/16/23 09:46	10/16/23 13:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/16/23 09:46	10/16/23 13:29	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/16/23 09:46	10/16/23 13:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/16/23 09:46	10/16/23 13:29	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/16/23 09:46	10/16/23 13:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	10/16/23 09:46	10/16/23 13:29	1
1,4-Difluorobenzene (Surr)	107		70 - 130	10/16/23 09:46	10/16/23 13:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-34436-2

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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			10/16/23 13:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/16/23 12:48	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	<50.3	U	50.3		mg/Kg		10/16/23 09:38	10/16/23 12:48	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/16/23 09:38	10/16/23 12:48	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/16/23 09:38	10/16/23 12:48	1
Total TPH	<50.3	U	50.3		mg/Kg		10/16/23 09:38	10/16/23 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	149	S1+	70 - 130	10/16/23 09:38	10/16/23 12:48	1
o-Terphenyl	127		70 - 130	10/16/23 09:38	10/16/23 12:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	366		4.96		mg/Kg			10/17/23 20:18	1

Client Sample ID: T-1 (2.0')

Lab Sample ID: 880-34436-3

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:46	10/16/23 13:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 13:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 13:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/16/23 09:46	10/16/23 13:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 13:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/16/23 09:46	10/16/23 13:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	10/16/23 09:46	10/16/23 13:55	1
1,4-Difluorobenzene (Surr)	107		70 - 130	10/16/23 09:46	10/16/23 13:55	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			10/16/23 13:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			10/16/23 13:10	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	<50.5	U	50.5		mg/Kg		10/16/23 09:38	10/16/23 13:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-1 (2.0')

Lab Sample ID: 880-34436-3

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		10/16/23 09:38	10/16/23 13:10	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/16/23 09:38	10/16/23 13:10	1
Total TPH	<50.5	U	50.5		mg/Kg		10/16/23 09:38	10/16/23 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				10/16/23 09:38	10/16/23 13:10	1
o-Terphenyl	112		70 - 130				10/16/23 09:38	10/16/23 13:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	376		5.04		mg/Kg			10/17/23 20:25	1

Client Sample ID: T-1 (3.0')

Lab Sample ID: 880-34436-4

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:46	10/16/23 14:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:46	10/16/23 14:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:46	10/16/23 14:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 09:46	10/16/23 14:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:46	10/16/23 14:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 09:46	10/16/23 14:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				10/16/23 09:46	10/16/23 14:21	1
1,4-Difluorobenzene (Surr)	92		70 - 130				10/16/23 09:46	10/16/23 14:21	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			10/16/23 14:21	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			10/16/23 13:32	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	<50.2	U	50.2		mg/Kg		10/16/23 09:38	10/16/23 13:32	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/16/23 09:38	10/16/23 13:32	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/16/23 09:38	10/16/23 13:32	1
Total TPH	<50.2	U	50.2		mg/Kg		10/16/23 09:38	10/16/23 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130				10/16/23 09:38	10/16/23 13:32	1
o-Terphenyl	124		70 - 130				10/16/23 09:38	10/16/23 13:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-1 (3.0')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-4
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.9		4.97		mg/Kg			10/18/23 18:24	1

Client Sample ID: T-2 (0-1.0')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-5
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 14:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 14:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 14:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 09:46	10/16/23 14:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 14:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 09:46	10/16/23 14:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130				10/16/23 09:46	10/16/23 14:47	1
1,4-Difluorobenzene (Surr)	109		70 - 130				10/16/23 09:46	10/16/23 14:47	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			10/16/23 14:47	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2480		50.3		mg/Kg			10/16/23 13:53	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	<50.3	U	50.3		mg/Kg		10/16/23 09:38	10/16/23 13:53	1
Diesel Range Organics (Over C10-C28)	2480		50.3		mg/Kg		10/16/23 09:38	10/16/23 13:53	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/16/23 09:38	10/16/23 13:53	1
Total TPH	2480		50.3		mg/Kg		10/16/23 09:38	10/16/23 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130				10/16/23 09:38	10/16/23 13:53	1
o-Terphenyl	112		70 - 130				10/16/23 09:38	10/16/23 13:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8510		50.0		mg/Kg			10/18/23 18:44	10

Client Sample ID: T-2 (1.5')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-6
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 15:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 15:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-34436-6

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 15:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 09:46	10/16/23 15:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 15:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 09:46	10/16/23 15:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130				10/16/23 09:46	10/16/23 15:13	1
1,4-Difluorobenzene (Surr)	89		70 - 130				10/16/23 09:46	10/16/23 15:13	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			10/16/23 15:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	77.1		49.9		mg/Kg			10/16/23 14:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/16/23 09:38	10/16/23 14:15	1
Diesel Range Organics (Over C10-C28)	77.1		49.9		mg/Kg		10/16/23 09:38	10/16/23 14:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/16/23 09:38	10/16/23 14:15	1
Total TPH	77.1		49.9		mg/Kg		10/16/23 09:38	10/16/23 14:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				10/16/23 09:38	10/16/23 14:15	1
o-Terphenyl	106		70 - 130				10/16/23 09:38	10/16/23 14:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2590		25.0		mg/Kg			10/18/23 18:50	5

Client Sample ID: T-2 (2.0')

Lab Sample ID: 880-34436-7

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:46	10/16/23 15:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 15:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 15:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 09:46	10/16/23 15:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 15:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 09:46	10/16/23 15:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130				10/16/23 09:46	10/16/23 15:39	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/16/23 09:46	10/16/23 15:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-2 (2.0')

Lab Sample ID: 880-34436-7

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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			10/16/23 15:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/23 14:37	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	<49.7	U	49.7		mg/Kg		10/16/23 09:38	10/16/23 14:37	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/16/23 09:38	10/16/23 14:37	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/16/23 09:38	10/16/23 14:37	1
Total TPH	<49.7	U	49.7		mg/Kg		10/16/23 09:38	10/16/23 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130	10/16/23 09:38	10/16/23 14:37	1
o-Terphenyl	121		70 - 130	10/16/23 09:38	10/16/23 14:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2130		25.1		mg/Kg			10/18/23 18:57	5

Client Sample ID: T-2 (3.0')

Lab Sample ID: 880-34436-8

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:46	10/16/23 16:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:46	10/16/23 16:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:46	10/16/23 16:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 09:46	10/16/23 16:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:46	10/16/23 16:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 09:46	10/16/23 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	158	S1+	70 - 130	10/16/23 09:46	10/16/23 16:05	1
1,4-Difluorobenzene (Surr)	107		70 - 130	10/16/23 09:46	10/16/23 16:05	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			10/16/23 16:05	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			10/16/23 15:00	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	<49.7	U	49.7		mg/Kg		10/16/23 09:38	10/16/23 15:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-2 (3.0')

Lab Sample ID: 880-34436-8

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/16/23 09:38	10/16/23 15:00	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/16/23 09:38	10/16/23 15:00	1
Total TPH	<49.7	U	49.7		mg/Kg		10/16/23 09:38	10/16/23 15:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130				10/16/23 09:38	10/16/23 15:00	1
o-Terphenyl	122		70 - 130				10/16/23 09:38	10/16/23 15:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	148		4.97		mg/Kg			10/18/23 19:03	1

Client Sample ID: T-3 (0-1.0')

Lab Sample ID: 880-34436-9

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:46	10/16/23 16:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 16:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 16:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/16/23 09:46	10/16/23 16:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 16:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/16/23 09:46	10/16/23 16:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130				10/16/23 09:46	10/16/23 16:31	1
1,4-Difluorobenzene (Surr)	97		70 - 130				10/16/23 09:46	10/16/23 16:31	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			10/16/23 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	616		50.3		mg/Kg			10/16/23 15:22	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	<50.3	U	50.3		mg/Kg		10/16/23 09:38	10/16/23 15:22	1
Diesel Range Organics (Over C10-C28)	616		50.3		mg/Kg		10/16/23 09:38	10/16/23 15:22	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/16/23 09:38	10/16/23 15:22	1
Total TPH	616		50.3		mg/Kg		10/16/23 09:38	10/16/23 15:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130				10/16/23 09:38	10/16/23 15:22	1
o-Terphenyl	116		70 - 130				10/16/23 09:38	10/16/23 15:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-3 (0-1.0')

Lab Sample ID: 880-34436-9

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15300		99.2		mg/Kg			10/18/23 19:23	20

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-34436-10

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:46	10/16/23 16:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 16:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 16:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 09:46	10/16/23 16:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 16:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 09:46	10/16/23 16:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	10/16/23 09:46	10/16/23 16:57	1
1,4-Difluorobenzene (Surr)	89		70 - 130	10/16/23 09:46	10/16/23 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			10/16/23 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	<50.5	U	50.5		mg/Kg			10/16/23 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	<50.5	U	50.5		mg/Kg		10/16/23 09:38	10/16/23 15:44	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		10/16/23 09:38	10/16/23 15:44	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/16/23 09:38	10/16/23 15:44	1
Total TPH	<50.5	U	50.5		mg/Kg		10/16/23 09:38	10/16/23 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130	10/16/23 09:38	10/16/23 15:44	1
o-Terphenyl	117		70 - 130	10/16/23 09:38	10/16/23 15:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4710		49.7		mg/Kg			10/18/23 19:30	10

Client Sample ID: T-3 (2.0')

Lab Sample ID: 880-34436-11

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:46	10/16/23 18:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/16/23 09:46	10/16/23 18:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-3 (2.0')

Lab Sample ID: 880-34436-11

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/16/23 09:46	10/16/23 18:41	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/16/23 09:46	10/16/23 18:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/16/23 09:46	10/16/23 18:41	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/16/23 09:46	10/16/23 18:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130				10/16/23 09:46	10/16/23 18:41	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/16/23 09:46	10/16/23 18:41	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			10/16/23 18:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/16/23 16:28	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		10/16/23 09:38	10/16/23 16:28	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/16/23 09:38	10/16/23 16:28	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/16/23 09:38	10/16/23 16:28	1
Total TPH	<50.1	U	50.1		mg/Kg		10/16/23 09:38	10/16/23 16:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				10/16/23 09:38	10/16/23 16:28	1
o-Terphenyl	116		70 - 130				10/16/23 09:38	10/16/23 16:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1370		25.0		mg/Kg			10/18/23 19:37	5

Client Sample ID: T-3 (3.0')

Lab Sample ID: 880-34436-12

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:46	10/16/23 19:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 19:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 19:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 09:46	10/16/23 19:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 19:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 09:46	10/16/23 19:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				10/16/23 09:46	10/16/23 19:07	1
1,4-Difluorobenzene (Surr)	95		70 - 130				10/16/23 09:46	10/16/23 19:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-3 (3.0')

Lab Sample ID: 880-34436-12

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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			10/16/23 19:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			10/16/23 16:50	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	<50.4	U	50.4		mg/Kg		10/16/23 09:38	10/16/23 16:50	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		10/16/23 09:38	10/16/23 16:50	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		10/16/23 09:38	10/16/23 16:50	1
Total TPH	<50.4	U	50.4		mg/Kg		10/16/23 09:38	10/16/23 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130	10/16/23 09:38	10/16/23 16:50	1
o-Terphenyl	123		70 - 130	10/16/23 09:38	10/16/23 16:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.8		5.00		mg/Kg			10/18/23 19:43	1

Client Sample ID: T-4 (0-1.0')

Lab Sample ID: 880-34436-13

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:46	10/16/23 19:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 19:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 19:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 09:46	10/16/23 19:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 19:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 09:46	10/16/23 19:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	10/16/23 09:46	10/16/23 19:33	1
1,4-Difluorobenzene (Surr)	86		70 - 130	10/16/23 09:46	10/16/23 19:33	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			10/16/23 19:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	127		49.8		mg/Kg			10/16/23 17:12	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		10/16/23 09:38	10/16/23 17:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-4 (0-1.0')

Lab Sample ID: 880-34436-13

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	127		49.8		mg/Kg		10/16/23 09:38	10/16/23 17:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/16/23 09:38	10/16/23 17:12	1
Total TPH	127		49.8		mg/Kg		10/16/23 09:38	10/16/23 17:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				10/16/23 09:38	10/16/23 17:12	1
o-Terphenyl	111		70 - 130				10/16/23 09:38	10/16/23 17:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8380		49.7		mg/Kg			10/18/23 19:50	10

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-34436-14

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:46	10/16/23 19:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:46	10/16/23 19:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:46	10/16/23 19:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 09:46	10/16/23 19:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:46	10/16/23 19:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 09:46	10/16/23 19:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130				10/16/23 09:46	10/16/23 19:59	1
1,4-Difluorobenzene (Surr)	95		70 - 130				10/16/23 09:46	10/16/23 19:59	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			10/16/23 19:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/23 17:33	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	<49.7	U	49.7		mg/Kg		10/16/23 09:38	10/16/23 17:33	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/16/23 09:38	10/16/23 17:33	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/16/23 09:38	10/16/23 17:33	1
Total TPH	<49.7	U	49.7		mg/Kg		10/16/23 09:38	10/16/23 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130				10/16/23 09:38	10/16/23 17:33	1
o-Terphenyl	116		70 - 130				10/16/23 09:38	10/16/23 17:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-34436-14

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	397	F1	5.02		mg/Kg			10/18/23 19:57	1

Client Sample ID: T-4 (2.0')

Lab Sample ID: 880-34436-15

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:46	10/16/23 20:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 20:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 20:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/16/23 09:46	10/16/23 20:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 20:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/16/23 09:46	10/16/23 20:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130	10/16/23 09:46	10/16/23 20:25	1
1,4-Difluorobenzene (Surr)	102		70 - 130	10/16/23 09:46	10/16/23 20:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/16/23 20:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/16/23 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/16/23 09:38	10/16/23 17:55	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/16/23 09:38	10/16/23 17:55	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/16/23 09:38	10/16/23 17:55	1
Total TPH	<49.6	U	49.6		mg/Kg		10/16/23 09:38	10/16/23 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130	10/16/23 09:38	10/16/23 17:55	1
o-Terphenyl	117		70 - 130	10/16/23 09:38	10/16/23 17:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	228		5.03		mg/Kg			10/18/23 20:17	1

Client Sample ID: T-4 (3.0')

Lab Sample ID: 880-34436-16

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:46	10/16/23 20:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 20:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-4 (3.0')

Lab Sample ID: 880-34436-16

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 20:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 09:46	10/16/23 20:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 20:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 09:46	10/16/23 20:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130				10/16/23 09:46	10/16/23 20:50	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/16/23 09:46	10/16/23 20:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/16/23 20:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/16/23 18:17	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	<50.3	U	50.3		mg/Kg		10/16/23 09:38	10/16/23 18:17	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/16/23 09:38	10/16/23 18:17	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/16/23 09:38	10/16/23 18:17	1
Total TPH	<50.3	U	50.3		mg/Kg		10/16/23 09:38	10/16/23 18:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				10/16/23 09:38	10/16/23 18:17	1
o-Terphenyl	113		70 - 130				10/16/23 09:38	10/16/23 18:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	196		4.98		mg/Kg			10/18/23 20:23	1

Client Sample ID: T-5 (0-1.0')

Lab Sample ID: 880-34436-17

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:46	10/16/23 21:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/16/23 09:46	10/16/23 21:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/16/23 09:46	10/16/23 21:17	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/16/23 09:46	10/16/23 21:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/16/23 09:46	10/16/23 21:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/16/23 09:46	10/16/23 21:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130				10/16/23 09:46	10/16/23 21:17	1
1,4-Difluorobenzene (Surr)	102		70 - 130				10/16/23 09:46	10/16/23 21:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-5 (0-1.0')

Lab Sample ID: 880-34436-17

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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			10/16/23 21:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	143		50.5		mg/Kg			10/16/23 18:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		10/16/23 09:38	10/16/23 18:40	1
Diesel Range Organics (Over C10-C28)	143		50.5		mg/Kg		10/16/23 09:38	10/16/23 18:40	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/16/23 09:38	10/16/23 18:40	1
Total TPH	143		50.5		mg/Kg		10/16/23 09:38	10/16/23 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	161	S1+	70 - 130				10/16/23 09:38	10/16/23 18:40	1
o-Terphenyl	137	S1+	70 - 130				10/16/23 09:38	10/16/23 18:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8830		50.2		mg/Kg			10/18/23 20:43	10

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-34436-18

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:46	10/16/23 21:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 21:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 21:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 09:46	10/16/23 21:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:46	10/16/23 21:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 09:46	10/16/23 21:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130				10/16/23 09:46	10/16/23 21:43	1
1,4-Difluorobenzene (Surr)	94		70 - 130				10/16/23 09:46	10/16/23 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			10/16/23 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	<50.5	U	50.5		mg/Kg			10/16/23 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		10/16/23 09:38	10/16/23 19:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-34436-18

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		10/16/23 09:38	10/16/23 19:01	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/16/23 09:38	10/16/23 19:01	1
Total TPH	<50.5	U	50.5		mg/Kg		10/16/23 09:38	10/16/23 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130				10/16/23 09:38	10/16/23 19:01	1
o-Terphenyl	118		70 - 130				10/16/23 09:38	10/16/23 19:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3340		25.1		mg/Kg			10/18/23 20:50	5

Client Sample ID: T-5 (2.0')

Lab Sample ID: 880-34436-19

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:46	10/16/23 22:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 22:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 22:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 09:46	10/16/23 22:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 22:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 09:46	10/16/23 22:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	S1+	70 - 130				10/16/23 09:46	10/16/23 22:09	1
1,4-Difluorobenzene (Surr)	98		70 - 130				10/16/23 09:46	10/16/23 22:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/16/23 22:09	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			10/16/23 19:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/16/23 09:38	10/16/23 19:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/16/23 09:38	10/16/23 19:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/16/23 09:38	10/16/23 19:23	1
Total TPH	<50.0	U	50.0		mg/Kg		10/16/23 09:38	10/16/23 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				10/16/23 09:38	10/16/23 19:23	1
o-Terphenyl	109		70 - 130				10/16/23 09:38	10/16/23 19:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-5 (2.0')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-19
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3390		25.1		mg/Kg			10/18/23 20:57	5

Client Sample ID: T-5 (3.0')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-20
Matrix: Solid

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		10/16/23 09:46	10/16/23 22:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:46	10/16/23 22:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:46	10/16/23 22:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 09:46	10/16/23 22:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:46	10/16/23 22:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 09:46	10/16/23 22:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130				10/16/23 09:46	10/16/23 22:35	1
1,4-Difluorobenzene (Surr)	90		70 - 130				10/16/23 09:46	10/16/23 22:35	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			10/16/23 22:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/23 19:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/16/23 09:38	10/16/23 19:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/16/23 09:38	10/16/23 19:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/16/23 09:38	10/16/23 19:45	1
Total TPH	<49.9	U	49.9		mg/Kg		10/16/23 09:38	10/16/23 19:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				10/16/23 09:38	10/16/23 19:45	1
o-Terphenyl	114		70 - 130				10/16/23 09:38	10/16/23 19:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4650		49.8		mg/Kg			10/18/23 21:03	10

Client Sample ID: T-5 (4.0')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-21
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 F2	0.00200		mg/Kg		10/16/23 09:57	10/17/23 02:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:57	10/17/23 02:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-5 (4.0')

Lab Sample ID: 880-34436-21

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U F1 F2	0.00200		mg/Kg		10/16/23 09:57	10/17/23 02:26	1
m-Xylene & p-Xylene	<0.00401	U F1 F2	0.00401		mg/Kg		10/16/23 09:57	10/17/23 02:26	1
o-Xylene	<0.00200	U F1 F2	0.00200		mg/Kg		10/16/23 09:57	10/17/23 02:26	1
Xylenes, Total	<0.00401	U F1 F2	0.00401		mg/Kg		10/16/23 09:57	10/17/23 02:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				10/16/23 09:57	10/17/23 02:26	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/16/23 09:57	10/17/23 02:26	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			10/17/23 02:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/23 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/16/23 09:46	10/16/23 11:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/16/23 09:46	10/16/23 11:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/16/23 09:46	10/16/23 11:42	1
Total TPH	<49.9	U	49.9		mg/Kg		10/16/23 09:46	10/16/23 11:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				10/16/23 09:46	10/16/23 11:42	1
o-Terphenyl	137	S1+	70 - 130				10/16/23 09:46	10/16/23 11:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		5.01		mg/Kg			10/18/23 21:10	1

Client Sample ID: T-6 (0-1.0')

Lab Sample ID: 880-34436-22

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:57	10/17/23 02:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:57	10/17/23 02:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:57	10/17/23 02:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 09:57	10/17/23 02:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:57	10/17/23 02:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 09:57	10/17/23 02:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	157	S1+	70 - 130				10/16/23 09:57	10/17/23 02:52	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/16/23 09:57	10/17/23 02:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-6 (0-1.0')

Lab Sample ID: 880-34436-22

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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			10/17/23 02:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.3		mg/Kg			10/16/23 12:48	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	<50.3	U	50.3		mg/Kg		10/16/23 09:46	10/16/23 12:48	1
Diesel Range Organics (Over C10-C28)	463		50.3		mg/Kg		10/16/23 09:46	10/16/23 12:48	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/16/23 09:46	10/16/23 12:48	1
Total TPH	463		50.3		mg/Kg		10/16/23 09:46	10/16/23 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130	10/16/23 09:46	10/16/23 12:48	1
o-Terphenyl	130		70 - 130	10/16/23 09:46	10/16/23 12:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8000		50.0		mg/Kg			10/18/23 21:17	10

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-34436-23

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:57	10/17/23 03:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:57	10/17/23 03:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:57	10/17/23 03:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 09:57	10/17/23 03:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:57	10/17/23 03:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 09:57	10/17/23 03:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	10/16/23 09:57	10/17/23 03:18	1
1,4-Difluorobenzene (Surr)	96		70 - 130	10/16/23 09:57	10/17/23 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			10/17/23 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	<50.5	U	50.5		mg/Kg			10/16/23 13:10	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	<50.5	U	50.5		mg/Kg		10/16/23 09:46	10/16/23 13:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-34436-23

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		10/16/23 09:46	10/16/23 13:10	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/16/23 09:46	10/16/23 13:10	1
Total TPH	<50.5	U	50.5		mg/Kg		10/16/23 09:46	10/16/23 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				10/16/23 09:46	10/16/23 13:10	1
o-Terphenyl	119		70 - 130				10/16/23 09:46	10/16/23 13:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3740		24.8		mg/Kg			10/18/23 21:24	5

Client Sample ID: T-6 (2.0')

Lab Sample ID: 880-34436-24

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:57	10/17/23 03:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:57	10/17/23 03:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:57	10/17/23 03:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 09:57	10/17/23 03:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:57	10/17/23 03:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 09:57	10/17/23 03:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				10/16/23 09:57	10/17/23 03:44	1
1,4-Difluorobenzene (Surr)	95		70 - 130				10/16/23 09:57	10/17/23 03:44	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			10/17/23 03:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			10/16/23 13:32	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	<50.5	U	50.5		mg/Kg		10/16/23 09:46	10/16/23 13:32	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		10/16/23 09:46	10/16/23 13:32	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/16/23 09:46	10/16/23 13:32	1
Total TPH	<50.5	U	50.5		mg/Kg		10/16/23 09:46	10/16/23 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				10/16/23 09:46	10/16/23 13:32	1
o-Terphenyl	127		70 - 130				10/16/23 09:46	10/16/23 13:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-6 (2.0')

Lab Sample ID: 880-34436-24

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3210		24.9		mg/Kg			10/18/23 18:07	5

Client Sample ID: T-6 (3.0')

Lab Sample ID: 880-34436-25

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:57	10/17/23 04:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:57	10/17/23 04:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:57	10/17/23 04:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 09:57	10/17/23 04:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:57	10/17/23 04:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 09:57	10/17/23 04:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	10/16/23 09:57	10/17/23 04:10	1
1,4-Difluorobenzene (Surr)	102		70 - 130	10/16/23 09:57	10/17/23 04:10	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			10/17/23 04:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/16/23 13:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/16/23 09:46	10/16/23 13:53	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/16/23 09:46	10/16/23 13:53	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/16/23 09:46	10/16/23 13:53	1
Total TPH	<50.1	U	50.1		mg/Kg		10/16/23 09:46	10/16/23 13:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	10/16/23 09:46	10/16/23 13:53	1
o-Terphenyl	114		70 - 130	10/16/23 09:46	10/16/23 13:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	172		4.96		mg/Kg			10/18/23 18:24	1

Client Sample ID: T-7 (0-1.0')

Lab Sample ID: 880-34436-26

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:57	10/17/23 04:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:57	10/17/23 04:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-7 (0-1.0')

Lab Sample ID: 880-34436-26

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:57	10/17/23 04:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 09:57	10/17/23 04:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:57	10/17/23 04:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 09:57	10/17/23 04:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				10/16/23 09:57	10/17/23 04:36	1
1,4-Difluorobenzene (Surr)	87		70 - 130				10/16/23 09:57	10/17/23 04:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/17/23 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	304		50.2		mg/Kg			10/16/23 14:15	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	<50.2	U	50.2		mg/Kg		10/16/23 09:46	10/16/23 14:15	1
Diesel Range Organics (Over C10-C28)	304		50.2		mg/Kg		10/16/23 09:46	10/16/23 14:15	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/16/23 09:46	10/16/23 14:15	1
Total TPH	304		50.2		mg/Kg		10/16/23 09:46	10/16/23 14:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				10/16/23 09:46	10/16/23 14:15	1
o-Terphenyl	108		70 - 130				10/16/23 09:46	10/16/23 14:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7140		50.2		mg/Kg			10/18/23 18:29	10

Client Sample ID: T-7 (1.5')

Lab Sample ID: 880-34436-27

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:57	10/17/23 05:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:57	10/17/23 05:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:57	10/17/23 05:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 09:57	10/17/23 05:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 09:57	10/17/23 05:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 09:57	10/17/23 05:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				10/16/23 09:57	10/17/23 05:02	1
1,4-Difluorobenzene (Surr)	85		70 - 130				10/16/23 09:57	10/17/23 05:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-7 (1.5')

Lab Sample ID: 880-34436-27

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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			10/17/23 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	<49.9	U	49.9		mg/Kg			10/16/23 14:37	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	<49.9	U	49.9		mg/Kg		10/16/23 09:46	10/16/23 14:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/16/23 09:46	10/16/23 14:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/16/23 09:46	10/16/23 14:37	1
Total TPH	<49.9	U	49.9		mg/Kg		10/16/23 09:46	10/16/23 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	10/16/23 09:46	10/16/23 14:37	1
o-Terphenyl	117		70 - 130	10/16/23 09:46	10/16/23 14:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	649		4.96		mg/Kg			10/18/23 18:35	1

Client Sample ID: T-7 (2.0')

Lab Sample ID: 880-34436-28

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:57	10/17/23 05:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:57	10/17/23 05:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:57	10/17/23 05:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 09:57	10/17/23 05:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:57	10/17/23 05:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 09:57	10/17/23 05:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	10/16/23 09:57	10/17/23 05:28	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/16/23 09:57	10/17/23 05:28	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			10/17/23 05:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/16/23 15:00	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	<49.6	U	49.6		mg/Kg		10/16/23 09:46	10/16/23 15:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-7 (2.0')

Lab Sample ID: 880-34436-28

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/16/23 09:46	10/16/23 15:00	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/16/23 09:46	10/16/23 15:00	1
Total TPH	<49.6	U	49.6		mg/Kg		10/16/23 09:46	10/16/23 15:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				10/16/23 09:46	10/16/23 15:00	1
o-Terphenyl	112		70 - 130				10/16/23 09:46	10/16/23 15:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	279		5.06		mg/Kg			10/18/23 18:40	1

Client Sample ID: T-7 (3.0')

Lab Sample ID: 880-34436-29

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/16/23 09:57	10/17/23 05:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:57	10/17/23 05:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:57	10/17/23 05:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 09:57	10/17/23 05:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 09:57	10/17/23 05:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 09:57	10/17/23 05:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				10/16/23 09:57	10/17/23 05:54	1
1,4-Difluorobenzene (Surr)	74		70 - 130				10/16/23 09:57	10/17/23 05:54	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			10/17/23 05:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/16/23 15:22	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	<49.6	U	49.6		mg/Kg		10/16/23 09:46	10/16/23 15:22	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/16/23 09:46	10/16/23 15:22	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/16/23 09:46	10/16/23 15:22	1
Total TPH	<49.6	U	49.6		mg/Kg		10/16/23 09:46	10/16/23 15:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				10/16/23 09:46	10/16/23 15:22	1
o-Terphenyl	109		70 - 130				10/16/23 09:46	10/16/23 15:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-7 (3.0')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-29
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		5.07		mg/Kg			10/18/23 18:57	1

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

Surrogate Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-34436-1	T-1 (0-1.0')	136 S1+	86
880-34436-1 MS	T-1 (0-1.0')	126	98
880-34436-1 MSD	T-1 (0-1.0')	141 S1+	98
880-34436-2	T-1 (1.5')	124	107
880-34436-3	T-1 (2.0')	141 S1+	107
880-34436-4	T-1 (3.0')	144 S1+	92
880-34436-5	T-2 (0-1.0')	147 S1+	109
880-34436-6	T-2 (1.5')	147 S1+	89
880-34436-7	T-2 (2.0')	146 S1+	100
880-34436-8	T-2 (3.0')	158 S1+	107
880-34436-9	T-3 (0-1.0')	140 S1+	97
880-34436-10	T-3 (1.5')	139 S1+	89
880-34436-11	T-3 (2.0')	145 S1+	96
880-34436-12	T-3 (3.0')	125	95
880-34436-13	T-4 (0-1.0')	123	86
880-34436-14	T-4 (1.5')	156 S1+	95
880-34436-15	T-4 (2.0')	150 S1+	102
880-34436-16	T-4 (3.0')	145 S1+	101
880-34436-17	T-5 (0-1.0')	155 S1+	102
880-34436-18	T-5 (1.5')	146 S1+	94
880-34436-19	T-5 (2.0')	167 S1+	98
880-34436-20	T-5 (3.0')	153 S1+	90
880-34436-21	T-5 (4.0')	124	96
880-34436-21 MS	T-5 (4.0')	109	67 S1-
880-34436-21 MSD	T-5 (4.0')	137 S1+	97
880-34436-22	T-6 (0-1.0')	157 S1+	99
880-34436-23	T-6 (1.5')	146 S1+	96
880-34436-24	T-6 (2.0')	133 S1+	95
880-34436-25	T-6 (3.0')	128	102
880-34436-26	T-7 (0-1.0')	102	87
880-34436-27	T-7 (1.5')	119	85
880-34436-28	T-7 (2.0')	132 S1+	95
880-34436-29	T-7 (3.0')	109	74
LCS 880-64783/1-A	Lab Control Sample	125	83
LCS 880-64786/1-A	Lab Control Sample	140 S1+	95
LCSD 880-64783/2-A	Lab Control Sample Dup	120	83
LCSD 880-64786/2-A	Lab Control Sample Dup	114	82
MB 880-64783/5-A	Method Blank	81	95
MB 880-64786/5-A	Method Blank	76	84

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-34436-1

Project/Site: Saints Booster

SDG: Eddy County New Mexico

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)
880-34436-1	T-1 (0-1.0')	142 S1+	118
880-34436-1 MS	T-1 (0-1.0')	126	94
880-34436-1 MSD	T-1 (0-1.0')	142 S1+	105
880-34436-2	T-1 (1.5')	149 S1+	127
880-34436-3	T-1 (2.0')	132 S1+	112
880-34436-4	T-1 (3.0')	145 S1+	124
880-34436-5	T-2 (0-1.0')	142 S1+	112
880-34436-6	T-2 (1.5')	122	106
880-34436-7	T-2 (2.0')	141 S1+	121
880-34436-8	T-2 (3.0')	140 S1+	122
880-34436-9	T-3 (0-1.0')	144 S1+	116
880-34436-10	T-3 (1.5')	135 S1+	117
880-34436-11	T-3 (2.0')	133 S1+	116
880-34436-12	T-3 (3.0')	145 S1+	123
880-34436-13	T-4 (0-1.0')	128	111
880-34436-14	T-4 (1.5')	135 S1+	116
880-34436-15	T-4 (2.0')	137 S1+	117
880-34436-16	T-4 (3.0')	131 S1+	113
880-34436-17	T-5 (0-1.0')	161 S1+	137 S1+
880-34436-18	T-5 (1.5')	135 S1+	118
880-34436-19	T-5 (2.0')	125	109
880-34436-20	T-5 (3.0')	131 S1+	114
880-34436-21	T-5 (4.0')	136 S1+	137 S1+
880-34436-21 MS	T-5 (4.0')	128	115
880-34436-21 MSD	T-5 (4.0')	136 S1+	121
880-34436-22	T-6 (0-1.0')	132 S1+	130
880-34436-23	T-6 (1.5')	121	119
880-34436-24	T-6 (2.0')	124	127
880-34436-25	T-6 (3.0')	114	114
880-34436-26	T-7 (0-1.0')	110	108
880-34436-27	T-7 (1.5')	121	117
880-34436-28	T-7 (2.0')	113	112
880-34436-29	T-7 (3.0')	111	109
LCS 880-64782/2-A	Lab Control Sample	119	123
LCS 880-64784/2-A	Lab Control Sample	104	102
LCSD 880-64782/3-A	Lab Control Sample Dup	114	118
LCSD 880-64784/3-A	Lab Control Sample Dup	121	119
MB 880-64782/1-A	Method Blank	147 S1+	127
MB 880-64784/1-A	Method Blank	67 S1-	71

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-64783/5-A

Matrix: Solid

Analysis Batch: 64760

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64783

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 12:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 12:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 12:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/16/23 09:46	10/16/23 12:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:46	10/16/23 12:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/16/23 09:46	10/16/23 12:37	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	81		70 - 130	10/16/23 09:46	10/16/23 12:37	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/16/23 09:46	10/16/23 12:37	1

Lab Sample ID: LCS 880-64783/1-A

Matrix: Solid

Analysis Batch: 64760

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64783

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1030		mg/Kg		103	70 - 130
Toluene	0.100	0.1139		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1117		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2196		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1183		mg/Kg		118	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

Lab Sample ID: LCSD 880-64783/2-A

Matrix: Solid

Analysis Batch: 64760

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64783

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Benzene	0.100	0.1043		mg/Kg		104	70 - 130	1	35
Toluene	0.100	0.1187		mg/Kg		119	70 - 130	4	35
Ethylbenzene	0.100	0.1127		mg/Kg		113	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2177		mg/Kg		109	70 - 130	1	35
o-Xylene	0.100	0.1173		mg/Kg		117	70 - 130	1	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

Lab Sample ID: 880-34436-1 MS

Matrix: Solid

Analysis Batch: 64760

Client Sample ID: T-1 (0-1.0')

Prep Type: Total/NA

Prep Batch: 64783

Analyte	Sample Sample		Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00199	U	0.0998	0.1058		mg/Kg		106	70 - 130
Toluene	<0.00199	U	0.0998	0.1179		mg/Kg		118	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-34436-1 MS

Matrix: Solid

Analysis Batch: 64760

Client Sample ID: T-1 (0-1.0')

Prep Type: Total/NA

Prep Batch: 64783

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00199	U	0.0998	0.1039		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2010		mg/Kg		101	70 - 130
o-Xylene	<0.00199	U	0.0998	0.1070		mg/Kg		107	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-34436-1 MSD

Matrix: Solid

Analysis Batch: 64760

Client Sample ID: T-1 (0-1.0')

Prep Type: Total/NA

Prep Batch: 64783

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0990	0.1072		mg/Kg		108	70 - 130	1	35
Toluene	<0.00199	U	0.0990	0.1060		mg/Kg		107	70 - 130	11	35
Ethylbenzene	<0.00199	U	0.0990	0.09851		mg/Kg		99	70 - 130	5	35
m-Xylene & p-Xylene	<0.00398	U	0.198	0.1847		mg/Kg		93	70 - 130	8	35
o-Xylene	<0.00199	U	0.0990	0.09618		mg/Kg		97	70 - 130	11	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-64786/5-A

Matrix: Solid

Analysis Batch: 64760

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64786

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:57	10/17/23 02:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:57	10/17/23 02:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:57	10/17/23 02:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/16/23 09:57	10/17/23 02:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 09:57	10/17/23 02:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/16/23 09:57	10/17/23 02:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	10/16/23 09:57	10/17/23 02:00	1
1,4-Difluorobenzene (Surr)	84		70 - 130	10/16/23 09:57	10/17/23 02:00	1

Lab Sample ID: LCS 880-64786/1-A

Matrix: Solid

Analysis Batch: 64760

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64786

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09777		mg/Kg		98	70 - 130
Toluene	0.100	0.1071		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1114		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	0.200	0.2186		mg/Kg		109	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-64786/1-A

Matrix: Solid

Analysis Batch: 64760

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64786

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1143		mg/Kg		114	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-64786/2-A

Matrix: Solid

Analysis Batch: 64760

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64786

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08977		mg/Kg		90	70 - 130	9	35
Toluene	0.100	0.09493		mg/Kg		95	70 - 130	12	35
Ethylbenzene	0.100	0.09089		mg/Kg		91	70 - 130	20	35
m-Xylene & p-Xylene	0.200	0.1817		mg/Kg		91	70 - 130	18	35
o-Xylene	0.100	0.1005		mg/Kg		101	70 - 130	13	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: 880-34436-21 MS

Matrix: Solid

Analysis Batch: 64760

Client Sample ID: T-5 (4.0')

Prep Type: Total/NA

Prep Batch: 64786

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1 F2	0.0998	0.05041	F1	mg/Kg		51	70 - 130
Toluene	<0.00200	U	0.0998	0.06974		mg/Kg		70	70 - 130
Ethylbenzene	<0.00200	U F1 F2	0.0998	0.06192	F1	mg/Kg		62	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1 F2	0.200	0.1212	F1	mg/Kg		61	70 - 130
o-Xylene	<0.00200	U F1 F2	0.0998	0.05966	F1	mg/Kg		60	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	67	S1-	70 - 130

Lab Sample ID: 880-34436-21 MSD

Matrix: Solid

Analysis Batch: 64760

Client Sample ID: T-5 (4.0')

Prep Type: Total/NA

Prep Batch: 64786

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.0990	0.09402	F2	mg/Kg		95	70 - 130	60	35
Toluene	<0.00200	U	0.0990	0.09805		mg/Kg		99	70 - 130	34	35
Ethylbenzene	<0.00200	U F1 F2	0.0990	0.09861	F2	mg/Kg		100	70 - 130	46	35
m-Xylene & p-Xylene	<0.00401	U F1 F2	0.198	0.1934	F2	mg/Kg		98	70 - 130	46	35
o-Xylene	<0.00200	U F1 F2	0.0990	0.09828	F2	mg/Kg		99	70 - 130	49	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-34436-21 MSD

Matrix: Solid

Analysis Batch: 64760

Client Sample ID: T-5 (4.0')

Prep Type: Total/NA

Prep Batch: 64786

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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

Lab Sample ID: MB 880-64782/1-A

Matrix: Solid

Analysis Batch: 64755

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64782

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/16/23 08:00	10/16/23 09:06	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/16/23 08:00	10/16/23 09:06	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/16/23 08:00	10/16/23 09:06	1	
Total TPH	<50.0	U	50.0		mg/Kg		10/16/23 08:00	10/16/23 09:06	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	147	S1+	70 - 130				10/16/23 08:00	10/16/23 09:06	1	
o-Terphenyl	127		70 - 130				10/16/23 08:00	10/16/23 09:06	1	

Lab Sample ID: LCS 880-64782/2-A

Matrix: Solid

Analysis Batch: 64755

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64782

Analyte	Spike	LCS	LCS					%Rec		
	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	1004		mg/Kg		100	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	1288		mg/Kg		129	70 - 130			
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	119		70 - 130							
o-Terphenyl	123		70 - 130							

Lab Sample ID: LCSD 880-64782/3-A

Matrix: Solid

Analysis Batch: 64755

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64782

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1014		mg/Kg		101	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1253		mg/Kg		125	70 - 130	3	20
		LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	114		70 - 130								
o-Terphenyl	118		70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-34436-1 MS
Matrix: Solid
Analysis Batch: 64755

Client Sample ID: T-1 (0-1.0')
Prep Type: Total/NA
Prep Batch: 64782

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	999	887.9		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	801	F1	999	1237	F1	mg/Kg		44	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	126		70 - 130						
o-Terphenyl	94		70 - 130						

Lab Sample ID: 880-34436-1 MSD
Matrix: Solid
Analysis Batch: 64755

Client Sample ID: T-1 (0-1.0')
Prep Type: Total/NA
Prep Batch: 64782

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	<49.6	U	999	991.5		mg/Kg		96	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	801	F1	999	1369	F1	mg/Kg		57	70 - 130	10	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	142	S1+	70 - 130								
o-Terphenyl	105		70 - 130								

Lab Sample ID: MB 880-64784/1-A
Matrix: Solid
Analysis Batch: 64757

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 64784

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/16/23 08:00	10/16/23 09:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/16/23 08:00	10/16/23 09:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/16/23 08:00	10/16/23 09:06	1
Total TPH	<50.0	U	50.0		mg/Kg		10/16/23 08:00	10/16/23 09:06	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	67	S1-	70 - 130						
o-Terphenyl	71		70 - 130						

Lab Sample ID: LCS 880-64784/2-A
Matrix: Solid
Analysis Batch: 64757

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 64784

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	849.3		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	1000	828.2		mg/Kg		83	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-64784/2-A

Matrix: Solid

Analysis Batch: 64757

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64784

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: LCSD 880-64784/3-A

Matrix: Solid

Analysis Batch: 64757

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64784

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	915.9		mg/Kg		92	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	932.8		mg/Kg		93	70 - 130	12	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: 880-34436-21 MS

Matrix: Solid

Analysis Batch: 64757

Client Sample ID: T-5 (4.0')

Prep Type: Total/NA

Prep Batch: 64784

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	993	1229		mg/Kg		122	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	993	1181		mg/Kg		115	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	128		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: 880-34436-21 MSD

Matrix: Solid

Analysis Batch: 64757

Client Sample ID: T-5 (4.0')

Prep Type: Total/NA

Prep Batch: 64784

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	993	1179		mg/Kg		117	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	993	1255		mg/Kg		122	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	136	S1+	70 - 130
o-Terphenyl	121		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-64793/1-A

Matrix: Solid

Analysis Batch: 64900

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/17/23 18:05	1

Lab Sample ID: LCS 880-64793/2-A

Matrix: Solid

Analysis Batch: 64900

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.8		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-64793/3-A

Matrix: Solid

Analysis Batch: 64900

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	231.8		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-34436-1 MS

Matrix: Solid

Analysis Batch: 64900

Client Sample ID: T-1 (0-1.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	11500		4990	16100		mg/Kg		93	90 - 110

Lab Sample ID: 880-34436-1 MSD

Matrix: Solid

Analysis Batch: 64900

Client Sample ID: T-1 (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	11500		4990	16110		mg/Kg		93	90 - 110	0	20

Lab Sample ID: MB 880-64821/1-A

Matrix: Solid

Analysis Batch: 64976

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/18/23 18:04	1

Lab Sample ID: LCS 880-64821/2-A

Matrix: Solid

Analysis Batch: 64976

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	233.7		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-64821/3-A

Matrix: Solid

Analysis Batch: 64976

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	233.5		mg/Kg		93	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-34436-4 MS

Matrix: Solid

Analysis Batch: 64976

Client Sample ID: T-1 (3.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	99.9		249	348.8		mg/Kg		100	90 - 110		

Lab Sample ID: 880-34436-4 MSD

Matrix: Solid

Analysis Batch: 64976

Client Sample ID: T-1 (3.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	99.9		249	350.3		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-34436-14 MS

Matrix: Solid

Analysis Batch: 64976

Client Sample ID: T-4 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	397	F1	249	551.9	F1	mg/Kg		62	90 - 110		

Lab Sample ID: 880-34436-14 MSD

Matrix: Solid

Analysis Batch: 64976

Client Sample ID: T-4 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	397	F1	249	552.4	F1	mg/Kg		62	90 - 110	0	20

Lab Sample ID: MB 880-64824/1-A

Matrix: Solid

Analysis Batch: 64978

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/18/23 17:50	1

Lab Sample ID: LCS 880-64824/2-A

Matrix: Solid

Analysis Batch: 64978

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	249.5		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-64824/3-A

Matrix: Solid

Analysis Batch: 64978

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	250.0		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-34436-24 MS

Matrix: Solid

Analysis Batch: 64978

Client Sample ID: T-6 (2.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3210		1250	4535		mg/Kg		107	90 - 110		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-34436-24 MSD

Matrix: Solid

Analysis Batch: 64978

Client Sample ID: T-6 (2.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Chloride	3210		1250	4536		mg/Kg		107	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

GC VOA

Analysis Batch: 64760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-1	T-1 (0-1.0')	Total/NA	Solid	8021B	64783
880-34436-2	T-1 (1.5')	Total/NA	Solid	8021B	64783
880-34436-3	T-1 (2.0')	Total/NA	Solid	8021B	64783
880-34436-4	T-1 (3.0')	Total/NA	Solid	8021B	64783
880-34436-5	T-2 (0-1.0')	Total/NA	Solid	8021B	64783
880-34436-6	T-2 (1.5')	Total/NA	Solid	8021B	64783
880-34436-7	T-2 (2.0')	Total/NA	Solid	8021B	64783
880-34436-8	T-2 (3.0')	Total/NA	Solid	8021B	64783
880-34436-9	T-3 (0-1.0')	Total/NA	Solid	8021B	64783
880-34436-10	T-3 (1.5')	Total/NA	Solid	8021B	64783
880-34436-11	T-3 (2.0')	Total/NA	Solid	8021B	64783
880-34436-12	T-3 (3.0')	Total/NA	Solid	8021B	64783
880-34436-13	T-4 (0-1.0')	Total/NA	Solid	8021B	64783
880-34436-14	T-4 (1.5')	Total/NA	Solid	8021B	64783
880-34436-15	T-4 (2.0')	Total/NA	Solid	8021B	64783
880-34436-16	T-4 (3.0')	Total/NA	Solid	8021B	64783
880-34436-17	T-5 (0-1.0')	Total/NA	Solid	8021B	64783
880-34436-18	T-5 (1.5')	Total/NA	Solid	8021B	64783
880-34436-19	T-5 (2.0')	Total/NA	Solid	8021B	64783
880-34436-20	T-5 (3.0')	Total/NA	Solid	8021B	64783
880-34436-21	T-5 (4.0')	Total/NA	Solid	8021B	64786
880-34436-22	T-6 (0-1.0')	Total/NA	Solid	8021B	64786
880-34436-23	T-6 (1.5')	Total/NA	Solid	8021B	64786
880-34436-24	T-6 (2.0')	Total/NA	Solid	8021B	64786
880-34436-25	T-6 (3.0')	Total/NA	Solid	8021B	64786
880-34436-26	T-7 (0-1.0')	Total/NA	Solid	8021B	64786
880-34436-27	T-7 (1.5')	Total/NA	Solid	8021B	64786
880-34436-28	T-7 (2.0')	Total/NA	Solid	8021B	64786
880-34436-29	T-7 (3.0')	Total/NA	Solid	8021B	64786
MB 880-64783/5-A	Method Blank	Total/NA	Solid	8021B	64783
MB 880-64786/5-A	Method Blank	Total/NA	Solid	8021B	64786
LCS 880-64783/1-A	Lab Control Sample	Total/NA	Solid	8021B	64783
LCS 880-64786/1-A	Lab Control Sample	Total/NA	Solid	8021B	64786
LCSD 880-64783/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	64783
LCSD 880-64786/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	64786
880-34436-1 MS	T-1 (0-1.0')	Total/NA	Solid	8021B	64783
880-34436-1 MSD	T-1 (0-1.0')	Total/NA	Solid	8021B	64783
880-34436-21 MS	T-5 (4.0')	Total/NA	Solid	8021B	64786
880-34436-21 MSD	T-5 (4.0')	Total/NA	Solid	8021B	64786

Prep Batch: 64783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-1	T-1 (0-1.0')	Total/NA	Solid	5035	
880-34436-2	T-1 (1.5')	Total/NA	Solid	5035	
880-34436-3	T-1 (2.0')	Total/NA	Solid	5035	
880-34436-4	T-1 (3.0')	Total/NA	Solid	5035	
880-34436-5	T-2 (0-1.0')	Total/NA	Solid	5035	
880-34436-6	T-2 (1.5')	Total/NA	Solid	5035	
880-34436-7	T-2 (2.0')	Total/NA	Solid	5035	
880-34436-8	T-2 (3.0')	Total/NA	Solid	5035	
880-34436-9	T-3 (0-1.0')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

GC VOA (Continued)

Prep Batch: 64783 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-10	T-3 (1.5')	Total/NA	Solid	5035	
880-34436-11	T-3 (2.0')	Total/NA	Solid	5035	
880-34436-12	T-3 (3.0')	Total/NA	Solid	5035	
880-34436-13	T-4 (0-1.0')	Total/NA	Solid	5035	
880-34436-14	T-4 (1.5')	Total/NA	Solid	5035	
880-34436-15	T-4 (2.0')	Total/NA	Solid	5035	
880-34436-16	T-4 (3.0')	Total/NA	Solid	5035	
880-34436-17	T-5 (0-1.0')	Total/NA	Solid	5035	
880-34436-18	T-5 (1.5')	Total/NA	Solid	5035	
880-34436-19	T-5 (2.0')	Total/NA	Solid	5035	
880-34436-20	T-5 (3.0')	Total/NA	Solid	5035	
MB 880-64783/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-64783/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-64783/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-34436-1 MS	T-1 (0-1.0')	Total/NA	Solid	5035	
880-34436-1 MSD	T-1 (0-1.0')	Total/NA	Solid	5035	

Prep Batch: 64786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-21	T-5 (4.0')	Total/NA	Solid	5035	
880-34436-22	T-6 (0-1.0')	Total/NA	Solid	5035	
880-34436-23	T-6 (1.5')	Total/NA	Solid	5035	
880-34436-24	T-6 (2.0')	Total/NA	Solid	5035	
880-34436-25	T-6 (3.0')	Total/NA	Solid	5035	
880-34436-26	T-7 (0-1.0')	Total/NA	Solid	5035	
880-34436-27	T-7 (1.5')	Total/NA	Solid	5035	
880-34436-28	T-7 (2.0')	Total/NA	Solid	5035	
880-34436-29	T-7 (3.0')	Total/NA	Solid	5035	
MB 880-64786/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-64786/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-64786/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-34436-21 MS	T-5 (4.0')	Total/NA	Solid	5035	
880-34436-21 MSD	T-5 (4.0')	Total/NA	Solid	5035	

Analysis Batch: 64919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-1	T-1 (0-1.0')	Total/NA	Solid	Total BTEX	
880-34436-2	T-1 (1.5')	Total/NA	Solid	Total BTEX	
880-34436-3	T-1 (2.0')	Total/NA	Solid	Total BTEX	
880-34436-4	T-1 (3.0')	Total/NA	Solid	Total BTEX	
880-34436-5	T-2 (0-1.0')	Total/NA	Solid	Total BTEX	
880-34436-6	T-2 (1.5')	Total/NA	Solid	Total BTEX	
880-34436-7	T-2 (2.0')	Total/NA	Solid	Total BTEX	
880-34436-8	T-2 (3.0')	Total/NA	Solid	Total BTEX	
880-34436-9	T-3 (0-1.0')	Total/NA	Solid	Total BTEX	
880-34436-10	T-3 (1.5')	Total/NA	Solid	Total BTEX	
880-34436-11	T-3 (2.0')	Total/NA	Solid	Total BTEX	
880-34436-12	T-3 (3.0')	Total/NA	Solid	Total BTEX	
880-34436-13	T-4 (0-1.0')	Total/NA	Solid	Total BTEX	
880-34436-14	T-4 (1.5')	Total/NA	Solid	Total BTEX	
880-34436-15	T-4 (2.0')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

GC VOA (Continued)

Analysis Batch: 64919 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-16	T-4 (3.0')	Total/NA	Solid	Total BTEX	
880-34436-17	T-5 (0-1.0')	Total/NA	Solid	Total BTEX	
880-34436-18	T-5 (1.5')	Total/NA	Solid	Total BTEX	
880-34436-19	T-5 (2.0')	Total/NA	Solid	Total BTEX	
880-34436-20	T-5 (3.0')	Total/NA	Solid	Total BTEX	
880-34436-21	T-5 (4.0')	Total/NA	Solid	Total BTEX	
880-34436-22	T-6 (0-1.0')	Total/NA	Solid	Total BTEX	
880-34436-23	T-6 (1.5')	Total/NA	Solid	Total BTEX	
880-34436-24	T-6 (2.0')	Total/NA	Solid	Total BTEX	
880-34436-25	T-6 (3.0')	Total/NA	Solid	Total BTEX	
880-34436-26	T-7 (0-1.0')	Total/NA	Solid	Total BTEX	
880-34436-27	T-7 (1.5')	Total/NA	Solid	Total BTEX	
880-34436-28	T-7 (2.0')	Total/NA	Solid	Total BTEX	
880-34436-29	T-7 (3.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 64755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-1	T-1 (0-1.0')	Total/NA	Solid	8015B NM	64782
880-34436-2	T-1 (1.5')	Total/NA	Solid	8015B NM	64782
880-34436-3	T-1 (2.0')	Total/NA	Solid	8015B NM	64782
880-34436-4	T-1 (3.0')	Total/NA	Solid	8015B NM	64782
880-34436-5	T-2 (0-1.0')	Total/NA	Solid	8015B NM	64782
880-34436-6	T-2 (1.5')	Total/NA	Solid	8015B NM	64782
880-34436-7	T-2 (2.0')	Total/NA	Solid	8015B NM	64782
880-34436-8	T-2 (3.0')	Total/NA	Solid	8015B NM	64782
880-34436-9	T-3 (0-1.0')	Total/NA	Solid	8015B NM	64782
880-34436-10	T-3 (1.5')	Total/NA	Solid	8015B NM	64782
880-34436-11	T-3 (2.0')	Total/NA	Solid	8015B NM	64782
880-34436-12	T-3 (3.0')	Total/NA	Solid	8015B NM	64782
880-34436-13	T-4 (0-1.0')	Total/NA	Solid	8015B NM	64782
880-34436-14	T-4 (1.5')	Total/NA	Solid	8015B NM	64782
880-34436-15	T-4 (2.0')	Total/NA	Solid	8015B NM	64782
880-34436-16	T-4 (3.0')	Total/NA	Solid	8015B NM	64782
880-34436-17	T-5 (0-1.0')	Total/NA	Solid	8015B NM	64782
880-34436-18	T-5 (1.5')	Total/NA	Solid	8015B NM	64782
880-34436-19	T-5 (2.0')	Total/NA	Solid	8015B NM	64782
880-34436-20	T-5 (3.0')	Total/NA	Solid	8015B NM	64782
MB 880-64782/1-A	Method Blank	Total/NA	Solid	8015B NM	64782
LCS 880-64782/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	64782
LCSD 880-64782/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	64782
880-34436-1 MS	T-1 (0-1.0')	Total/NA	Solid	8015B NM	64782
880-34436-1 MSD	T-1 (0-1.0')	Total/NA	Solid	8015B NM	64782

Analysis Batch: 64757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-21	T-5 (4.0')	Total/NA	Solid	8015B NM	64784
880-34436-22	T-6 (0-1.0')	Total/NA	Solid	8015B NM	64784
880-34436-23	T-6 (1.5')	Total/NA	Solid	8015B NM	64784
880-34436-24	T-6 (2.0')	Total/NA	Solid	8015B NM	64784

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 64757 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-25	T-6 (3.0')	Total/NA	Solid	8015B NM	64784
880-34436-26	T-7 (0-1.0')	Total/NA	Solid	8015B NM	64784
880-34436-27	T-7 (1.5')	Total/NA	Solid	8015B NM	64784
880-34436-28	T-7 (2.0')	Total/NA	Solid	8015B NM	64784
880-34436-29	T-7 (3.0')	Total/NA	Solid	8015B NM	64784
MB 880-64784/1-A	Method Blank	Total/NA	Solid	8015B NM	64784
LCS 880-64784/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	64784
LCSD 880-64784/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	64784
880-34436-21 MS	T-5 (4.0')	Total/NA	Solid	8015B NM	64784
880-34436-21 MSD	T-5 (4.0')	Total/NA	Solid	8015B NM	64784

Prep Batch: 64782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-1	T-1 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-34436-2	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-34436-3	T-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-34436-4	T-1 (3.0')	Total/NA	Solid	8015NM Prep	
880-34436-5	T-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-34436-6	T-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-34436-7	T-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-34436-8	T-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-34436-9	T-3 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-34436-10	T-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-34436-11	T-3 (2.0')	Total/NA	Solid	8015NM Prep	
880-34436-12	T-3 (3.0')	Total/NA	Solid	8015NM Prep	
880-34436-13	T-4 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-34436-14	T-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-34436-15	T-4 (2.0')	Total/NA	Solid	8015NM Prep	
880-34436-16	T-4 (3.0')	Total/NA	Solid	8015NM Prep	
880-34436-17	T-5 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-34436-18	T-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-34436-19	T-5 (2.0')	Total/NA	Solid	8015NM Prep	
880-34436-20	T-5 (3.0')	Total/NA	Solid	8015NM Prep	
MB 880-64782/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-64782/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-64782/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-34436-1 MS	T-1 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-34436-1 MSD	T-1 (0-1.0')	Total/NA	Solid	8015NM Prep	

Prep Batch: 64784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-21	T-5 (4.0')	Total/NA	Solid	8015NM Prep	
880-34436-22	T-6 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-34436-23	T-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-34436-24	T-6 (2.0')	Total/NA	Solid	8015NM Prep	
880-34436-25	T-6 (3.0')	Total/NA	Solid	8015NM Prep	
880-34436-26	T-7 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-34436-27	T-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-34436-28	T-7 (2.0')	Total/NA	Solid	8015NM Prep	
880-34436-29	T-7 (3.0')	Total/NA	Solid	8015NM Prep	
MB 880-64784/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

GC Semi VOA (Continued)

Prep Batch: 64784 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-64784/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-64784/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-34436-21 MS	T-5 (4.0')	Total/NA	Solid	8015NM Prep	
880-34436-21 MSD	T-5 (4.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 64891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-1	T-1 (0-1.0')	Total/NA	Solid	8015 NM	
880-34436-2	T-1 (1.5')	Total/NA	Solid	8015 NM	
880-34436-3	T-1 (2.0')	Total/NA	Solid	8015 NM	
880-34436-4	T-1 (3.0')	Total/NA	Solid	8015 NM	
880-34436-5	T-2 (0-1.0')	Total/NA	Solid	8015 NM	
880-34436-6	T-2 (1.5')	Total/NA	Solid	8015 NM	
880-34436-7	T-2 (2.0')	Total/NA	Solid	8015 NM	
880-34436-8	T-2 (3.0')	Total/NA	Solid	8015 NM	
880-34436-9	T-3 (0-1.0')	Total/NA	Solid	8015 NM	
880-34436-10	T-3 (1.5')	Total/NA	Solid	8015 NM	
880-34436-11	T-3 (2.0')	Total/NA	Solid	8015 NM	
880-34436-12	T-3 (3.0')	Total/NA	Solid	8015 NM	
880-34436-13	T-4 (0-1.0')	Total/NA	Solid	8015 NM	
880-34436-14	T-4 (1.5')	Total/NA	Solid	8015 NM	
880-34436-15	T-4 (2.0')	Total/NA	Solid	8015 NM	
880-34436-16	T-4 (3.0')	Total/NA	Solid	8015 NM	
880-34436-17	T-5 (0-1.0')	Total/NA	Solid	8015 NM	
880-34436-18	T-5 (1.5')	Total/NA	Solid	8015 NM	
880-34436-19	T-5 (2.0')	Total/NA	Solid	8015 NM	
880-34436-20	T-5 (3.0')	Total/NA	Solid	8015 NM	
880-34436-21	T-5 (4.0')	Total/NA	Solid	8015 NM	
880-34436-22	T-6 (0-1.0')	Total/NA	Solid	8015 NM	
880-34436-23	T-6 (1.5')	Total/NA	Solid	8015 NM	
880-34436-24	T-6 (2.0')	Total/NA	Solid	8015 NM	
880-34436-25	T-6 (3.0')	Total/NA	Solid	8015 NM	
880-34436-26	T-7 (0-1.0')	Total/NA	Solid	8015 NM	
880-34436-27	T-7 (1.5')	Total/NA	Solid	8015 NM	
880-34436-28	T-7 (2.0')	Total/NA	Solid	8015 NM	
880-34436-29	T-7 (3.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 64793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-1	T-1 (0-1.0')	Soluble	Solid	DI Leach	
880-34436-2	T-1 (1.5')	Soluble	Solid	DI Leach	
880-34436-3	T-1 (2.0')	Soluble	Solid	DI Leach	
MB 880-64793/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-64793/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-64793/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-34436-1 MS	T-1 (0-1.0')	Soluble	Solid	DI Leach	
880-34436-1 MSD	T-1 (0-1.0')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

HPLC/IC

Leach Batch: 64821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-4	T-1 (3.0')	Soluble	Solid	DI Leach	
880-34436-5	T-2 (0-1.0')	Soluble	Solid	DI Leach	
880-34436-6	T-2 (1.5')	Soluble	Solid	DI Leach	
880-34436-7	T-2 (2.0')	Soluble	Solid	DI Leach	
880-34436-8	T-2 (3.0')	Soluble	Solid	DI Leach	
880-34436-9	T-3 (0-1.0')	Soluble	Solid	DI Leach	
880-34436-10	T-3 (1.5')	Soluble	Solid	DI Leach	
880-34436-11	T-3 (2.0')	Soluble	Solid	DI Leach	
880-34436-12	T-3 (3.0')	Soluble	Solid	DI Leach	
880-34436-13	T-4 (0-1.0')	Soluble	Solid	DI Leach	
880-34436-14	T-4 (1.5')	Soluble	Solid	DI Leach	
880-34436-15	T-4 (2.0')	Soluble	Solid	DI Leach	
880-34436-16	T-4 (3.0')	Soluble	Solid	DI Leach	
880-34436-17	T-5 (0-1.0')	Soluble	Solid	DI Leach	
880-34436-18	T-5 (1.5')	Soluble	Solid	DI Leach	
880-34436-19	T-5 (2.0')	Soluble	Solid	DI Leach	
880-34436-20	T-5 (3.0')	Soluble	Solid	DI Leach	
880-34436-21	T-5 (4.0')	Soluble	Solid	DI Leach	
880-34436-22	T-6 (0-1.0')	Soluble	Solid	DI Leach	
880-34436-23	T-6 (1.5')	Soluble	Solid	DI Leach	
MB 880-64821/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-64821/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-64821/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-34436-4 MS	T-1 (3.0')	Soluble	Solid	DI Leach	
880-34436-4 MSD	T-1 (3.0')	Soluble	Solid	DI Leach	
880-34436-14 MS	T-4 (1.5')	Soluble	Solid	DI Leach	
880-34436-14 MSD	T-4 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 64824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-24	T-6 (2.0')	Soluble	Solid	DI Leach	
880-34436-25	T-6 (3.0')	Soluble	Solid	DI Leach	
880-34436-26	T-7 (0-1.0')	Soluble	Solid	DI Leach	
880-34436-27	T-7 (1.5')	Soluble	Solid	DI Leach	
880-34436-28	T-7 (2.0')	Soluble	Solid	DI Leach	
880-34436-29	T-7 (3.0')	Soluble	Solid	DI Leach	
MB 880-64824/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-64824/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-64824/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-34436-24 MS	T-6 (2.0')	Soluble	Solid	DI Leach	
880-34436-24 MSD	T-6 (2.0')	Soluble	Solid	DI Leach	

Analysis Batch: 64900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-1	T-1 (0-1.0')	Soluble	Solid	300.0	64793
880-34436-2	T-1 (1.5')	Soluble	Solid	300.0	64793
880-34436-3	T-1 (2.0')	Soluble	Solid	300.0	64793
MB 880-64793/1-A	Method Blank	Soluble	Solid	300.0	64793
LCS 880-64793/2-A	Lab Control Sample	Soluble	Solid	300.0	64793
LCSD 880-64793/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	64793
880-34436-1 MS	T-1 (0-1.0')	Soluble	Solid	300.0	64793

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

HPLC/IC (Continued)

Analysis Batch: 64900 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-1 MSD	T-1 (0-1.0')	Soluble	Solid	300.0	64793

Analysis Batch: 64976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-4	T-1 (3.0')	Soluble	Solid	300.0	64821
880-34436-5	T-2 (0-1.0')	Soluble	Solid	300.0	64821
880-34436-6	T-2 (1.5')	Soluble	Solid	300.0	64821
880-34436-7	T-2 (2.0')	Soluble	Solid	300.0	64821
880-34436-8	T-2 (3.0')	Soluble	Solid	300.0	64821
880-34436-9	T-3 (0-1.0')	Soluble	Solid	300.0	64821
880-34436-10	T-3 (1.5')	Soluble	Solid	300.0	64821
880-34436-11	T-3 (2.0')	Soluble	Solid	300.0	64821
880-34436-12	T-3 (3.0')	Soluble	Solid	300.0	64821
880-34436-13	T-4 (0-1.0')	Soluble	Solid	300.0	64821
880-34436-14	T-4 (1.5')	Soluble	Solid	300.0	64821
880-34436-15	T-4 (2.0')	Soluble	Solid	300.0	64821
880-34436-16	T-4 (3.0')	Soluble	Solid	300.0	64821
880-34436-17	T-5 (0-1.0')	Soluble	Solid	300.0	64821
880-34436-18	T-5 (1.5')	Soluble	Solid	300.0	64821
880-34436-19	T-5 (2.0')	Soluble	Solid	300.0	64821
880-34436-20	T-5 (3.0')	Soluble	Solid	300.0	64821
880-34436-21	T-5 (4.0')	Soluble	Solid	300.0	64821
880-34436-22	T-6 (0-1.0')	Soluble	Solid	300.0	64821
880-34436-23	T-6 (1.5')	Soluble	Solid	300.0	64821
MB 880-64821/1-A	Method Blank	Soluble	Solid	300.0	64821
LCS 880-64821/2-A	Lab Control Sample	Soluble	Solid	300.0	64821
LCSD 880-64821/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	64821
880-34436-4 MS	T-1 (3.0')	Soluble	Solid	300.0	64821
880-34436-4 MSD	T-1 (3.0')	Soluble	Solid	300.0	64821
880-34436-14 MS	T-4 (1.5')	Soluble	Solid	300.0	64821
880-34436-14 MSD	T-4 (1.5')	Soluble	Solid	300.0	64821

Analysis Batch: 64978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34436-24	T-6 (2.0')	Soluble	Solid	300.0	64824
880-34436-25	T-6 (3.0')	Soluble	Solid	300.0	64824
880-34436-26	T-7 (0-1.0')	Soluble	Solid	300.0	64824
880-34436-27	T-7 (1.5')	Soluble	Solid	300.0	64824
880-34436-28	T-7 (2.0')	Soluble	Solid	300.0	64824
880-34436-29	T-7 (3.0')	Soluble	Solid	300.0	64824
MB 880-64824/1-A	Method Blank	Soluble	Solid	300.0	64824
LCS 880-64824/2-A	Lab Control Sample	Soluble	Solid	300.0	64824
LCSD 880-64824/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	64824
880-34436-24 MS	T-6 (2.0')	Soluble	Solid	300.0	64824
880-34436-24 MSD	T-6 (2.0')	Soluble	Solid	300.0	64824

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-1 (0-1.0')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 13:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 13:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 11:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 11:42	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	64793	10/16/23 11:48	SMC	EET MID
Soluble	Analysis	300.0		20			64900	10/17/23 19:58	CH	EET MID

Client Sample ID: T-1 (1.5')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 13:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 13:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 12:48	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 12:48	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	64793	10/16/23 11:48	SMC	EET MID
Soluble	Analysis	300.0		1			64900	10/17/23 20:18	CH	EET MID

Client Sample ID: T-1 (2.0')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 13:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 13:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 13:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 13:10	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	64793	10/16/23 11:48	SMC	EET MID
Soluble	Analysis	300.0		1			64900	10/17/23 20:25	CH	EET MID

Client Sample ID: T-1 (3.0')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 14:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 14:21	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-1 (3.0')

Lab Sample ID: 880-34436-4

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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			64891	10/16/23 13:32	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 13:32	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64976	10/18/23 18:24	CH	EET MID

Client Sample ID: T-2 (0-1.0')

Lab Sample ID: 880-34436-5

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 14:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 14:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 13:53	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 13:53	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	64976	10/18/23 18:44	CH	EET MID

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-34436-6

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 15:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 15:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 14:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 14:15	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	64976	10/18/23 18:50	CH	EET MID

Client Sample ID: T-2 (2.0')

Lab Sample ID: 880-34436-7

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 15:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 15:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 14:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 14:37	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-2 (2.0')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	64976	10/18/23 18:57	CH	EET MID

Client Sample ID: T-2 (3.0')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 16:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 16:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 15:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 15:00	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64976	10/18/23 19:03	CH	EET MID

Client Sample ID: T-3 (0-1.0')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 16:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 16:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 15:22	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 15:22	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	64976	10/18/23 19:23	CH	EET MID

Client Sample ID: T-3 (1.5')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 16:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 16:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 15:44	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 15:44	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	64976	10/18/23 19:30	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-3 (2.0')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 18:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 18:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 16:28	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 16:28	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	64976	10/18/23 19:37	CH	EET MID

Client Sample ID: T-3 (3.0')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 19:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 19:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 16:50	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 16:50	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64976	10/18/23 19:43	CH	EET MID

Client Sample ID: T-4 (0-1.0')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 19:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 19:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 17:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 17:12	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	64976	10/18/23 19:50	CH	EET MID

Client Sample ID: T-4 (1.5')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 19:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 19:59	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-34436-14

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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			64891	10/16/23 17:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 17:33	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64976	10/18/23 19:57	CH	EET MID

Client Sample ID: T-4 (2.0')

Lab Sample ID: 880-34436-15

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 20:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 20:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 17:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 17:55	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64976	10/18/23 20:17	CH	EET MID

Client Sample ID: T-4 (3.0')

Lab Sample ID: 880-34436-16

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 20:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 20:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 18:17	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 18:17	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64976	10/18/23 20:23	CH	EET MID

Client Sample ID: T-5 (0-1.0')

Lab Sample ID: 880-34436-17

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 21:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 21:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 18:40	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 18:40	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-5 (0-1.0')

Lab Sample ID: 880-34436-17

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	64976	10/18/23 20:43	CH	EET MID

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-34436-18

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 21:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 21:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 19:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 19:01	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	64976	10/18/23 20:50	CH	EET MID

Client Sample ID: T-5 (2.0')

Lab Sample ID: 880-34436-19

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 22:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 22:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 19:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 19:23	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	64976	10/18/23 20:57	CH	EET MID

Client Sample ID: T-5 (3.0')

Lab Sample ID: 880-34436-20

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64783	10/16/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/16/23 22:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/16/23 22:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 19:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	64782	10/16/23 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64755	10/16/23 19:45	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	64976	10/18/23 21:03	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-5 (4.0')

Lab Sample ID: 880-34436-21

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64786	10/16/23 09:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/17/23 02:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/17/23 02:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 11:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	64784	10/16/23 09:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64757	10/16/23 11:42	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64976	10/18/23 21:10	CH	EET MID

Client Sample ID: T-6 (0-1.0')

Lab Sample ID: 880-34436-22

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64786	10/16/23 09:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/17/23 02:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/17/23 02:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 12:48	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	64784	10/16/23 09:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64757	10/16/23 12:48	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	64976	10/18/23 21:17	CH	EET MID

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-34436-23

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64786	10/16/23 09:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/17/23 03:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/17/23 03:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 13:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	64784	10/16/23 09:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64757	10/16/23 13:10	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	64821	10/16/23 15:49	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	64976	10/18/23 21:24	CH	EET MID

Client Sample ID: T-6 (2.0')

Lab Sample ID: 880-34436-24

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64786	10/16/23 09:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/17/23 03:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/17/23 03:44	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-6 (2.0')

Lab Sample ID: 880-34436-24

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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			64891	10/16/23 13:32	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	64784	10/16/23 09:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64757	10/16/23 13:32	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	64824	10/16/23 15:52	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	64978	10/18/23 18:07	CH	EET MID

Client Sample ID: T-6 (3.0')

Lab Sample ID: 880-34436-25

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64786	10/16/23 09:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/17/23 04:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/17/23 04:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 13:53	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	64784	10/16/23 09:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64757	10/16/23 13:53	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	64824	10/16/23 15:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64978	10/18/23 18:24	CH	EET MID

Client Sample ID: T-7 (0-1.0')

Lab Sample ID: 880-34436-26

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64786	10/16/23 09:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/17/23 04:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/17/23 04:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 14:15	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	64784	10/16/23 09:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64757	10/16/23 14:15	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	64824	10/16/23 15:52	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	64978	10/18/23 18:29	CH	EET MID

Client Sample ID: T-7 (1.5')

Lab Sample ID: 880-34436-27

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64786	10/16/23 09:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/17/23 05:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/17/23 05:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 14:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	64784	10/16/23 09:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64757	10/16/23 14:37	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Client Sample ID: T-7 (1.5')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	64824	10/16/23 15:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64978	10/18/23 18:35	CH	EET MID

Client Sample ID: T-7 (2.0')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	64786	10/16/23 09:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/17/23 05:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/17/23 05:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 15:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	64784	10/16/23 09:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64757	10/16/23 15:00	SM	EET MID
Soluble	Leach	DI Leach			4.94 g	50 mL	64824	10/16/23 15:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64978	10/18/23 18:40	CH	EET MID

Client Sample ID: T-7 (3.0')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34436-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	64786	10/16/23 09:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64760	10/17/23 05:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64919	10/17/23 05:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			64891	10/16/23 15:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	64784	10/16/23 09:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64757	10/16/23 15:22	SM	EET MID
Soluble	Leach	DI Leach			4.93 g	50 mL	64824	10/16/23 15:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64978	10/18/23 18:57	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24
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
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34436-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-34436-1	T-1 (0-1.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-2	T-1 (1.5')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-3	T-1 (2.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-4	T-1 (3.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-5	T-2 (0-1.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-6	T-2 (1.5')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-7	T-2 (2.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-8	T-2 (3.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-9	T-3 (0-1.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-10	T-3 (1.5')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-11	T-3 (2.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-12	T-3 (3.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-13	T-4 (0-1.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-14	T-4 (1.5')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-15	T-4 (2.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-16	T-4 (3.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-17	T-5 (0-1.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-18	T-5 (1.5')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-19	T-5 (2.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-20	T-5 (3.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-21	T-5 (4.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-22	T-6 (0-1.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-23	T-6 (1.5')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-24	T-6 (2.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-25	T-6 (3.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-26	T-7 (0-1.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-27	T-7 (1.5')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-28	T-7 (2.0')	Solid	10/11/23 00:00	10/13/23 16:03
880-34436-29	T-7 (3.0')	Solid	10/11/23 00:00	10/13/23 16:03

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

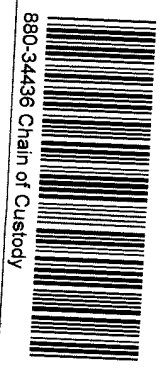
Project Manager	Connor Moehring	Bill to: (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Permian
Address	310 W Wall St Ste 500	Address	865 N Albino Street, Suite 400
City, State Zip	Midland, TX 79701	City, State Zip	Denver CO 80220
Phone	(432) 813-6823	Email	Joseph.Vargo@nnglp.com

Project Name	Saints Booster	Turn Around	☒ Routine ☐ Rush	Pres. Code	
Project Number	2151	Due Date			
Project Location	Eddy County New Mexico				
Sampler's Name	GPJ				
PO #:					
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		Corrected Temperature			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes	
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0								None NO	DI Water H ₂ O
T-1 (0-1 0')	10/11/2023		X		G	1	X	X	X								Cool Cool	MeOH Me
T-1 (1 5')	10/11/2023		X		G	1	X	X	X								HCL HC	HNO ₃ HN
T-1 (2 0')	10/11/2023		X		G	1	X	X	X								H ₂ SO ₄ H ₂	NaOH Na
T-1 (3 0')	10/11/2023		X		G	1	X	X	X								H ₃ PO ₄ HP	
T-2 (0-1 0')	10/11/2023		X		G	1	X	X	X								NaHSO ₄ NABIS	
T-2 (1 5')	10/11/2023		X		G	1	X	X	X								Na ₂ S ₂ O ₃ NaSO ₃	
T-2 (2 0')	10/11/2023		X		G	1	X	X	X								Zn Acetate+NaOH Zn	
T-2 (3 0')	10/11/2023		X		G	1	X	X	X								NaOH+Ascorbic Acid SAPC	
T-3 (0-1 0')	10/11/2023		X		G	1	X	X	X									
T-3 (1 5')	10/11/2023		X		G	1	X	X	X									

Comments Email to Mike Carmona / Mcarmona@carmonaresources.com and Connor Moehring / Cmoehring@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Connor Moehring</i>		<i>J. Vargo</i>	10/13/23
			11/03



880-34436 Chain of Custody

Page 1 of 3

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

16 C US 1

Work Order No: _____

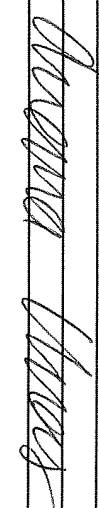
Page 2 of 3

Project Manager	Connor Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Permian
Address	310 W Wall St Ste 500	Address	865 N Albino Street, Suite 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver CO 80220
Phone	(432) 813-6823	Email	Joseph.Vargo@nnglep.com

Work Order Comments	
Program: UST/PT	☐ PRP ☐ Brownfields ☐ RRC ☐ Pertund ☐
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables	EDD ☐ ADAPT ☐ Other

Project Name		Saints Booster		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes																
Project Number	2151	☒ Routine	☐ Rush	Due Date				BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0									None	NO	DI Water	H ₂ O														
Project Location	Eddy County New Mexico																																Cool	Cool	MeOH	Me
Sampler's Name	GPJ																																HCL	HC	HNO ₃	HN
PO #:																		H ₂ SO ₄	H ₂	NaOH	Na															
SAMPLE RECEIPT				Temp Blank.	Yes	No	Yes	No	Wet Ice	Yes	No													H ₃ PO ₄	HP											
Received Intact:				Yes	No	Thermometer ID													NaHSO ₄	NABIS																
Cooler Custody Seals.				Yes	No	N/A													Na-S ₂ O ₃	NaSO ₃																
Sample Custody Seals				Yes	No	N/A													Zn Acetate+NaOH	Zn																
Total Containers																			NaOH+Ascorbic Acid	SAPC																
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments																
T-3 (2'0")		10/11/2023		X		G	1	X	X	X																										
T-3 (3'0")		10/11/2023		X		G	1	X	X	X																										
T-4 (0-1'0")		10/11/2023		X		G	1	X	X	X																										
T-4 (1'5")		10/11/2023		X		G	1	X	X	X																										
T-4 (2'0")		10/11/2023		X		G	1	X	X	X																										
T-4 (3'0")		10/11/2023		X		G	1	X	X	X																										
T-5 (0-1'0")		10/11/2023		X		G	1	X	X	X																										
T-5 (1'5")		10/11/2023		X		G	1	X	X	X																										
T-5 (2'0")		10/11/2023		X		G	1	X	X	X																										
T-5 (3'0")		10/11/2023		X		G	1	X	X	X																										

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

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
					

C A R O C S Y

Work Order No: _____

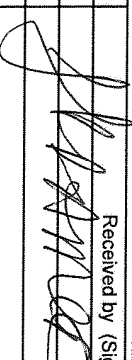
Page 3 of 3

Project Manager	Connor Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Permian
Address	310 W Wall St Ste 500	Address	865 N Albino Street, Suite 400
City, State ZIP	Midland, TX 79701	City State ZIP	Denver CO 80220
Phone	(432) 813-6823	Email	Joseph.Vargo@nleap.com

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

Project Name	Saints Booster		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	2151		☒ Routine	☐ Rush														None NO	DI Water H ₂ O	
Project Location	Eddy County New Mexico		Due Date															Cool Cool	MeOH Me	
Sampler's Name	GPJ																	HCL HC	HNO ₃ HN	
PO #																		H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank	Yes No	Thermometer ID	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP	
Received Intact	Yes No	N/A	Correction Factor																NaHSO ₄ NABIS	
Cooler Custody Seals	Yes No	N/A	Temperature Reading																Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes No	N/A	Corrected Temperature																Zn Acetate+NaOH Zn	
Total Containers																			NaOH+Ascorbic Acid	SAPC
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
T-5 (4 0')	10/11/2023		X		G	1	X	X	X											
T-6 (0-1 0')	10/11/2023		X		G	1	X	X	X											
T-6 (1 5')	10/11/2023		X		G	1	X	X	X											
T-6 (2 0')	10/11/2023		X		G	1	X	X	X											
T-6 (3 0')	10/11/2023		X		G	1	X	X	X											
T-7 (0-1 0')	10/11/2023		X		G	1	X	X	X											
T-7 (1 5')	10/11/2023		X		G	1	X	X	X											
T-7 (2 0')	10/11/2023		X		G	1	X	X	X											
T-7 (3 0')	10/11/2023		X		G	1	X	X	X											

Comments Email to Mike Carmona / Mcarmona@carmonaresources.com and Connor Moehring / Cmoehring@carmonaresources.com

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
					

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-34436-1

SDG Number: Eddy County New Mexico

Login Number: 34436

List Number: 1

List Source: Eurofins Midland

Creator: Kramer, Jessica

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



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/20/2023 10:09:12 AM

JOB DESCRIPTION

Saints Booster
SDG NUMBER Eddy County New Mexico

JOB NUMBER

880-34435-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

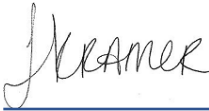
Eurofins Midland

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
10/20/2023 10:09:12 AM

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

Client: Carmona Resources
Project/Site: Saints Booster

Laboratory Job ID: 880-34435-1
SDG: Eddy County New Mexico

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	18
Lab Chronicle	21
Certification Summary	24
Method Summary	25
Sample Summary	26
Chain of Custody	27
Receipt Checklists	28

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

Job ID: 880-34435-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-34435-1**

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 10/13/2023 4:03 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 -4.8°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-64902 and analytical batch 880-64936 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: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5') (880-34435-1), H-3 (0-0.5') (880-34435-3), H-4 (0-0.5') (880-34435-4), H-5 (0-0.5') (880-34435-5), H-6 (0-0.5') (880-34435-6), H-7 (0-0.5') (880-34435-7) and H-8 (0-0.5') (880-34435-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (880-34497-A-1-C MS) and (880-34497-A-1-D MSD). 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.

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-64784 and analytical batch 880-64757 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-34436-A-21-A) and (880-34436-A-21-C 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: H-5 (0-0.5') (880-34435-5) and H-7 (0-0.5') (880-34435-7). 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.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-64793 and 880-64793 and analytical batch 880-64900 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-34435-1

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/17/23 14:45	10/18/23 20:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/23 14:45	10/18/23 20:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/23 14:45	10/18/23 20:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/17/23 14:45	10/18/23 20:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/23 14:45	10/18/23 20:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/23 14:45	10/18/23 20:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130	10/17/23 14:45	10/18/23 20:51	1
1,4-Difluorobenzene (Surr)	82		70 - 130	10/17/23 14:45	10/18/23 20:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/23 20:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/16/23 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	<50.3	U	50.3		mg/Kg		10/16/23 09:46	10/16/23 15:44	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/16/23 09:46	10/16/23 15:44	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/16/23 09:46	10/16/23 15:44	1
Total TPH	<50.3	U	50.3		mg/Kg		10/16/23 09:46	10/16/23 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	10/16/23 09:46	10/16/23 15:44	1
o-Terphenyl	103		70 - 130	10/16/23 09:46	10/16/23 15:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.2		5.05		mg/Kg			10/17/23 18:51	1

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

Lab Sample ID: 880-34435-2

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/17/23 14:45	10/18/23 21:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/23 14:45	10/18/23 21:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/23 14:45	10/18/23 21:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/17/23 14:45	10/18/23 21:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/23 14:45	10/18/23 21:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/23 14:45	10/18/23 21:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	10/17/23 14:45	10/18/23 21:17	1
1,4-Difluorobenzene (Surr)	79		70 - 130	10/17/23 14:45	10/18/23 21:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-34435-2

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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			10/18/23 21:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			10/16/23 16:28	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	<50.5	U	50.5		mg/Kg		10/16/23 09:46	10/16/23 16:28	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		10/16/23 09:46	10/16/23 16:28	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/16/23 09:46	10/16/23 16:28	1
Total TPH	<50.5	U	50.5		mg/Kg		10/16/23 09:46	10/16/23 16:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130	10/16/23 09:46	10/16/23 16:28	1
o-Terphenyl	127		70 - 130	10/16/23 09:46	10/16/23 16:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		4.99		mg/Kg			10/17/23 18:58	1

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

Lab Sample ID: 880-34435-3

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/17/23 14:45	10/18/23 22:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/23 14:45	10/18/23 22:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/23 14:45	10/18/23 22:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/17/23 14:45	10/18/23 22:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/23 14:45	10/18/23 22:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/23 14:45	10/18/23 22:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	10/17/23 14:45	10/18/23 22:59	1
1,4-Difluorobenzene (Surr)	77		70 - 130	10/17/23 14:45	10/18/23 22:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 22:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			10/16/23 16:50	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	<50.2	U	50.2		mg/Kg		10/16/23 09:46	10/16/23 16:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-34435-3

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/16/23 09:46	10/16/23 16:50	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/16/23 09:46	10/16/23 16:50	1
Total TPH	<50.2	U	50.2		mg/Kg		10/16/23 09:46	10/16/23 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	10/16/23 09:46	10/16/23 16:50	1
o-Terphenyl	108		70 - 130	10/16/23 09:46	10/16/23 16:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.3		4.97		mg/Kg			10/17/23 19:05	1

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

Lab Sample ID: 880-34435-4

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/17/23 14:45	10/18/23 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/23 14:45	10/18/23 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/23 14:45	10/18/23 23:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/17/23 14:45	10/18/23 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/23 14:45	10/18/23 23:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/23 14:45	10/18/23 23:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130	10/17/23 14:45	10/18/23 23:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/17/23 14:45	10/18/23 23:25	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			10/18/23 23:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			10/16/23 17:12	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	<50.4	U	50.4		mg/Kg		10/16/23 09:46	10/16/23 17:12	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		10/16/23 09:46	10/16/23 17:12	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		10/16/23 09:46	10/16/23 17:12	1
Total TPH	<50.4	U	50.4		mg/Kg		10/16/23 09:46	10/16/23 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	10/16/23 09:46	10/16/23 17:12	1
o-Terphenyl	116		70 - 130	10/16/23 09:46	10/16/23 17:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-34435-4

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		4.96		mg/Kg			10/17/23 19:25	1

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

Lab Sample ID: 880-34435-5

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/17/23 14:45	10/18/23 23:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/23 14:45	10/18/23 23:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/23 14:45	10/18/23 23:50	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/17/23 14:45	10/18/23 23:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/23 14:45	10/18/23 23:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/17/23 14:45	10/18/23 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130	10/17/23 14:45	10/18/23 23:50	1
1,4-Difluorobenzene (Surr)	79		70 - 130	10/17/23 14:45	10/18/23 23:50	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			10/18/23 23:50	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			10/16/23 17:33	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		10/16/23 09:46	10/16/23 17:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/16/23 09:46	10/16/23 17:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/16/23 09:46	10/16/23 17:33	1
Total TPH	<49.9	U	49.9		mg/Kg		10/16/23 09:46	10/16/23 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130	10/16/23 09:46	10/16/23 17:33	1
o-Terphenyl	133	S1+	70 - 130	10/16/23 09:46	10/16/23 17:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.9		5.00		mg/Kg			10/17/23 19:31	1

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

Lab Sample ID: 880-34435-6

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/17/23 14:45	10/19/23 00:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/23 14:45	10/19/23 00:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-34435-6

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/23 14:45	10/19/23 00:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/17/23 14:45	10/19/23 00:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/23 14:45	10/19/23 00:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/23 14:45	10/19/23 00:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130				10/17/23 14:45	10/19/23 00:16	1
1,4-Difluorobenzene (Surr)	92		70 - 130				10/17/23 14:45	10/19/23 00:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/19/23 00:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/23 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/16/23 09:46	10/16/23 17:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/16/23 09:46	10/16/23 17:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/16/23 09:46	10/16/23 17:55	1
Total TPH	<49.9	U	49.9		mg/Kg		10/16/23 09:46	10/16/23 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				10/16/23 09:46	10/16/23 17:55	1
o-Terphenyl	127		70 - 130				10/16/23 09:46	10/16/23 17:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.9		4.98		mg/Kg			10/17/23 19:38	1

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

Lab Sample ID: 880-34435-7

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/17/23 14:45	10/19/23 00:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/23 14:45	10/19/23 00:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/23 14:45	10/19/23 00:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/17/23 14:45	10/19/23 00:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/23 14:45	10/19/23 00:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/23 14:45	10/19/23 00:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130				10/17/23 14:45	10/19/23 00:41	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/17/23 14:45	10/19/23 00:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-34435-7

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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			10/19/23 00:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/16/23 18:17	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	<50.1	U	50.1		mg/Kg		10/16/23 09:46	10/16/23 18:17	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/16/23 09:46	10/16/23 18:17	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/16/23 09:46	10/16/23 18:17	1
Total TPH	<50.1	U	50.1		mg/Kg		10/16/23 09:46	10/16/23 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	151	S1+	70 - 130	10/16/23 09:46	10/16/23 18:17	1
o-Terphenyl	147	S1+	70 - 130	10/16/23 09:46	10/16/23 18:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		5.01		mg/Kg			10/17/23 19:45	1

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-34435-8

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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		10/17/23 14:45	10/19/23 01:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/23 14:45	10/19/23 01:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/23 14:45	10/19/23 01:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/17/23 14:45	10/19/23 01:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/23 14:45	10/19/23 01:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/23 14:45	10/19/23 01:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	10/17/23 14:45	10/19/23 01:07	1
1,4-Difluorobenzene (Surr)	85		70 - 130	10/17/23 14:45	10/19/23 01:07	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			10/19/23 01:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/16/23 18:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		10/16/23 09:46	10/16/23 18:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

Client Sample ID: H-8 (0-0.5')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34435-8
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/16/23 09:46	10/16/23 18:40	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/16/23 09:46	10/16/23 18:40	1
Total TPH	<50.3	U	50.3		mg/Kg		10/16/23 09:46	10/16/23 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				10/16/23 09:46	10/16/23 18:40	1
o-Terphenyl	109		70 - 130				10/16/23 09:46	10/16/23 18:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.2		5.02		mg/Kg			10/17/23 19:51	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-34435-1	H-1 (0-0.5')	153 S1+	82
880-34435-2	H-2 (0-0.5')	114	79
880-34435-3	H-3 (0-0.5')	171 S1+	77
880-34435-4	H-4 (0-0.5')	150 S1+	101
880-34435-5	H-5 (0-0.5')	145 S1+	79
880-34435-6	H-6 (0-0.5')	153 S1+	92
880-34435-7	H-7 (0-0.5')	147 S1+	101
880-34435-8	H-8 (0-0.5')	154 S1+	85
880-34497-A-1-C MS	Matrix Spike	87	97
880-34497-A-1-D MSD	Matrix Spike Duplicate	140 S1+	85
LCS 880-64902/1-A	Lab Control Sample	128	84
LCSD 880-64902/2-A	Lab Control Sample Dup	129	91
MB 880-64902/5-A	Method Blank	87	82
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-34435-1	H-1 (0-0.5')	105	103
880-34435-2	H-2 (0-0.5')	127	127
880-34435-3	H-3 (0-0.5')	109	108
880-34435-4	H-4 (0-0.5')	116	116
880-34435-5	H-5 (0-0.5')	133 S1+	133 S1+
880-34435-6	H-6 (0-0.5')	127	127
880-34435-7	H-7 (0-0.5')	151 S1+	147 S1+
880-34435-8	H-8 (0-0.5')	111	109
880-34436-A-21-B MS	Matrix Spike	128	115
880-34436-A-21-C MSD	Matrix Spike Duplicate	136 S1+	121
LCS 880-64784/2-A	Lab Control Sample	104	102
LCSD 880-64784/3-A	Lab Control Sample Dup	121	119
MB 880-64784/1-A	Method Blank	67 S1-	71
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-64902/5-A

Matrix: Solid

Analysis Batch: 64936

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64902

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/23 14:45	10/18/23 17:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/23 14:45	10/18/23 17:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/23 14:45	10/18/23 17:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/17/23 14:45	10/18/23 17:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/23 14:45	10/18/23 17:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/23 14:45	10/18/23 17:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	10/17/23 14:45	10/18/23 17:01	1
1,4-Difluorobenzene (Surr)	82		70 - 130	10/17/23 14:45	10/18/23 17:01	1

Lab Sample ID: LCS 880-64902/1-A

Matrix: Solid

Analysis Batch: 64936

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64902

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09521		mg/Kg		95	70 - 130
Toluene	0.100	0.09928		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.1066		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	0.200	0.2023		mg/Kg		101	70 - 130
o-Xylene	0.100	0.09627		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: LCSD 880-64902/2-A

Matrix: Solid

Analysis Batch: 64936

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64902

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1014		mg/Kg		101	70 - 130	6	35
Toluene	0.100	0.1028		mg/Kg		103	70 - 130	3	35
Ethylbenzene	0.100	0.1043		mg/Kg		104	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2030		mg/Kg		101	70 - 130	0	35
o-Xylene	0.100	0.1145		mg/Kg		114	70 - 130	17	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-34497-A-1-C MS

Matrix: Solid

Analysis Batch: 64936

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 64902

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.07257		mg/Kg		73	70 - 130
Toluene	<0.00200	U	0.0998	0.07707		mg/Kg		77	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-34497-A-1-C MS
Matrix: Solid
Analysis Batch: 64936

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 64902

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0998	0.07142		mg/Kg		72	70 - 130
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.200	0.09645	F1	mg/Kg		48	70 - 130
o-Xylene	<0.00200	U	0.0998	0.07740		mg/Kg		78	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	87		70 - 130						
1,4-Difluorobenzene (Surr)	97		70 - 130						

Lab Sample ID: 880-34497-A-1-D MSD
Matrix: Solid
Analysis Batch: 64936

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 64902

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.06950		mg/Kg		70	70 - 130	4	35
Toluene	<0.00200	U	0.0990	0.08328		mg/Kg		84	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.0990	0.07791		mg/Kg		79	70 - 130	9	35
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.198	0.1536	F2	mg/Kg		78	70 - 130	46	35
o-Xylene	<0.00200	U	0.0990	0.08338		mg/Kg		84	70 - 130	7	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130								
1,4-Difluorobenzene (Surr)	85		70 - 130								

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

Lab Sample ID: MB 880-64784/1-A
Matrix: Solid
Analysis Batch: 64757

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 64784

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/16/23 08:00	10/16/23 09:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/16/23 08:00	10/16/23 09:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/16/23 08:00	10/16/23 09:06	1
Total TPH	<50.0	U	50.0		mg/Kg		10/16/23 08:00	10/16/23 09:06	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	67	S1-	70 - 130						
o-Terphenyl	71		70 - 130						

Lab Sample ID: LCS 880-64784/2-A
Matrix: Solid
Analysis Batch: 64757

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 64784

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	849.3		mg/Kg		85	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-64784/2-A

Matrix: Solid

Analysis Batch: 64757

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64784

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	828.2		mg/Kg	-	83	70 - 130

	LCS	LCS	
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>
<i>1-Chlorooctane</i>	104		70 - 130
<i>o-Terphenyl</i>	102		70 - 130

Lab Sample ID: LCSD 880-64784/3-A

Matrix: Solid

Analysis Batch: 64757

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64784

Analyte	Spike Added	LCS _D Result	LCS _D Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Gasoline Range Organics (GRO)-C6-C10	1000	915.9		mg/Kg		92	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	932.8		mg/Kg		93	70 - 130	12	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
<i>o</i> -Terphenyl	119		70 - 130

Lab Sample ID: 880-34436-A-21-B MS

Matrix: Solid

Analysis Batch: 64757

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 64784

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	993	1229		mg/Kg		122	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	993	1181		mg/Kg		115	70 - 130		

	MS	MS	
<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
1-Chlorooctane	128		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: 880-34436-A-21-C MSD

Matrix: Solid

Analysis Batch: 64757

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 64784

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	993	1179		mg/Kg		117	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	993	1255		mg/Kg		122	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	136	S1+	70 - 130
<i>o</i> -Terphenyl	121		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-64793/1-A

Matrix: Solid

Analysis Batch: 64900

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/17/23 18:05	1

Lab Sample ID: LCS 880-64793/2-A

Matrix: Solid

Analysis Batch: 64900

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.8		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-64793/3-A

Matrix: Solid

Analysis Batch: 64900

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	231.8		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-34434-A-1-B MS

Matrix: Solid

Analysis Batch: 64900

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	384	F1	251	604.7	F1	mg/Kg		88	90 - 110

Lab Sample ID: 880-34434-A-1-C MSD

Matrix: Solid

Analysis Batch: 64900

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	384	F1	251	605.7	F1	mg/Kg		88	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

GC VOA

Prep Batch: 64902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34435-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-34435-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-34435-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-34435-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-34435-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-34435-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-34435-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-34435-8	H-8 (0-0.5')	Total/NA	Solid	5035	
MB 880-64902/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-64902/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-64902/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-34497-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-34497-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 64936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34435-1	H-1 (0-0.5')	Total/NA	Solid	8021B	64902
880-34435-2	H-2 (0-0.5')	Total/NA	Solid	8021B	64902
880-34435-3	H-3 (0-0.5')	Total/NA	Solid	8021B	64902
880-34435-4	H-4 (0-0.5')	Total/NA	Solid	8021B	64902
880-34435-5	H-5 (0-0.5')	Total/NA	Solid	8021B	64902
880-34435-6	H-6 (0-0.5')	Total/NA	Solid	8021B	64902
880-34435-7	H-7 (0-0.5')	Total/NA	Solid	8021B	64902
880-34435-8	H-8 (0-0.5')	Total/NA	Solid	8021B	64902
MB 880-64902/5-A	Method Blank	Total/NA	Solid	8021B	64902
LCS 880-64902/1-A	Lab Control Sample	Total/NA	Solid	8021B	64902
LCSD 880-64902/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	64902
880-34497-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	64902
880-34497-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	64902

Analysis Batch: 65169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34435-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-34435-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-34435-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-34435-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-34435-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-34435-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-34435-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-34435-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 64757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34435-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	64784
880-34435-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	64784
880-34435-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	64784
880-34435-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	64784
880-34435-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	64784
880-34435-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	64784

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 64757 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34435-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	64784
880-34435-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	64784
MB 880-64784/1-A	Method Blank	Total/NA	Solid	8015B NM	64784
LCS 880-64784/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	64784
LCSD 880-64784/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	64784
880-34436-A-21-B MS	Matrix Spike	Total/NA	Solid	8015B NM	64784
880-34436-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	64784

Prep Batch: 64784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34435-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-34435-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-34435-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-34435-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-34435-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-34435-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-34435-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-34435-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-64784/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-64784/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-64784/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-34436-A-21-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-34436-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 64893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34435-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-34435-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-34435-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-34435-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-34435-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-34435-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-34435-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-34435-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 64793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34435-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-34435-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-34435-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-34435-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-34435-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-34435-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-34435-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-34435-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-64793/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-64793/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-64793/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-34434-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

HPLC/IC (Continued)

Leach Batch: 64793 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34434-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 64900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34435-1	H-1 (0-0.5')	Soluble	Solid	300.0	64793
880-34435-2	H-2 (0-0.5')	Soluble	Solid	300.0	64793
880-34435-3	H-3 (0-0.5')	Soluble	Solid	300.0	64793
880-34435-4	H-4 (0-0.5')	Soluble	Solid	300.0	64793
880-34435-5	H-5 (0-0.5')	Soluble	Solid	300.0	64793
880-34435-6	H-6 (0-0.5')	Soluble	Solid	300.0	64793
880-34435-7	H-7 (0-0.5')	Soluble	Solid	300.0	64793
880-34435-8	H-8 (0-0.5')	Soluble	Solid	300.0	64793
MB 880-64793/1-A	Method Blank	Soluble	Solid	300.0	64793
LCS 880-64793/2-A	Lab Control Sample	Soluble	Solid	300.0	64793
LCSD 880-64793/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	64793
880-34434-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	64793
880-34434-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	64793

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-34435-1

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64902	10/17/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64936	10/18/23 20:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			65169	10/18/23 20:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			64893	10/16/23 15:44	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	64784	10/16/23 09:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64757	10/16/23 15:44	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	64793	10/16/23 11:48	SMC	EET MID
Soluble	Analysis	300.0		1			64900	10/17/23 18:51	CH	EET MID

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

Lab Sample ID: 880-34435-2

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64902	10/17/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64936	10/18/23 21:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			65169	10/18/23 21:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			64893	10/16/23 16:28	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	64784	10/16/23 09:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64757	10/16/23 16:28	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	64793	10/16/23 11:48	SMC	EET MID
Soluble	Analysis	300.0		1			64900	10/17/23 18:58	CH	EET MID

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

Lab Sample ID: 880-34435-3

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64902	10/17/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64936	10/18/23 22:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			65169	10/18/23 22:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			64893	10/16/23 16:50	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	64784	10/16/23 09:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64757	10/16/23 16:50	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	64793	10/16/23 11:48	SMC	EET MID
Soluble	Analysis	300.0		1			64900	10/17/23 19:05	CH	EET MID

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

Lab Sample ID: 880-34435-4

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64902	10/17/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64936	10/18/23 23:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			65169	10/18/23 23:25	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-34435-4

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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			64893	10/16/23 17:12	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	64784	10/16/23 09:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64757	10/16/23 17:12	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	64793	10/16/23 11:48	SMC	EET MID
Soluble	Analysis	300.0		1			64900	10/17/23 19:25	CH	EET MID

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

Lab Sample ID: 880-34435-5

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64902	10/17/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64936	10/18/23 23:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			65169	10/18/23 23:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			64893	10/16/23 17:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	64784	10/16/23 09:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64757	10/16/23 17:33	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	64793	10/16/23 11:48	SMC	EET MID
Soluble	Analysis	300.0		1			64900	10/17/23 19:31	CH	EET MID

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

Lab Sample ID: 880-34435-6

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64902	10/17/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64936	10/19/23 00:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			65169	10/19/23 00:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			64893	10/16/23 17:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	64784	10/16/23 09:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64757	10/16/23 17:55	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	64793	10/16/23 11:48	SMC	EET MID
Soluble	Analysis	300.0		1			64900	10/17/23 19:38	CH	EET MID

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

Lab Sample ID: 880-34435-7

Date Collected: 10/11/23 00:00

Matrix: Solid

Date Received: 10/13/23 16:03

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	64902	10/17/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64936	10/19/23 00:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			65169	10/19/23 00:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			64893	10/16/23 18:17	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	64784	10/16/23 09:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64757	10/16/23 18:17	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

Client Sample ID: H-7 (0-0.5')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34435-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	64793	10/16/23 11:48	SMC	EET MID
Soluble	Analysis	300.0		1			64900	10/17/23 19:45	CH	EET MID

Client Sample ID: H-8 (0-0.5')
Date Collected: 10/11/23 00:00
Date Received: 10/13/23 16:03

Lab Sample ID: 880-34435-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	64902	10/17/23 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64936	10/19/23 01:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			65169	10/19/23 01:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			64893	10/16/23 18:40	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	64784	10/16/23 09:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64757	10/16/23 18:40	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	64793	10/16/23 11:48	SMC	EET MID
Soluble	Analysis	300.0		1			64900	10/17/23 19:51	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24
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
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-34435-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-34435-1	H-1 (0-0.5')	Solid	10/11/23 00:00	10/13/23 16:03
880-34435-2	H-2 (0-0.5')	Solid	10/11/23 00:00	10/13/23 16:03
880-34435-3	H-3 (0-0.5')	Solid	10/11/23 00:00	10/13/23 16:03
880-34435-4	H-4 (0-0.5')	Solid	10/11/23 00:00	10/13/23 16:03
880-34435-5	H-5 (0-0.5')	Solid	10/11/23 00:00	10/13/23 16:03
880-34435-6	H-6 (0-0.5')	Solid	10/11/23 00:00	10/13/23 16:03
880-34435-7	H-7 (0-0.5')	Solid	10/11/23 00:00	10/13/23 16:03
880-34435-8	H-8 (0-0.5')	Solid	10/11/23 00:00	10/13/23 16:03

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

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



880-34435 Chain of Custody

Page 1 of 1

Project Manager	Connor Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Permian
Address	310 W Wall St Ste 500	Address	865 N Albino Street, Suite 400
City State ZIP	Midland, TX 79701	City State ZIP	Denver CO 80220
Phone	(432) 813-6823	Email	Joseph.Vargo@ndlep.com

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

Project Name	Saints Booster	Turn Around	☒ Routine ☐ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	2151	Due Date															None NO	DI Water H ₂ O	
Project Location	Eddy County New Mexico																Cool Cool	MeOH Me	
Sampler's Name	CRM																HCL HC	HNO ₃ HN	
PO #																	H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP		
Received Inact	Yes No	Thermometer ID															NaHSO ₄ NABIS		
Cooler Custody Seals	Yes No	Correction Factor															Na ₂ S ₂ O ₈ NaSO ₄		
Sample Custody Seals	Yes No	Temperature Reading															Zn Acetate+NaOH Zn		
Total Containers		Corrected Temperature															NaOH+Ascorbic Acid SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
H-1 (0-0.5')	10/11/2023		X		G	1	X	X	X										
H-2 (0-0.5')	10/11/2023		X		G	1	X	X	X										
H-3 (0-0.5')	10/11/2023		X		G	1	X	X	X										
H-4 (0-0.5')	10/11/2023		X		G	1	X	X	X										
H-5 (0-0.5')	10/11/2023		X		G	1	X	X	X										
H-6 (0-0.5')	10/11/2023		X		G	1	X	X	X										
H-7 (0-0.5')	10/11/2023		X		G	1	X	X	X										
H-8 (0-0.5')	10/11/2023		X		G	1	X	X	X										

Comments Email to Mike Cammona / mcammona@carmonaresources.com and Connor Moehring / Cmoehring@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Michael Wright</i>		<i>Joseph Vargo</i>	10/13/23
			1603

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-34435-1

SDG Number: Eddy County New Mexico

Login Number: 34435

List Number: 1

Creator: Kramer, Jessica

List Source: Eurofins Midland

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



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/31/2024 12:45:13 PM

JOB DESCRIPTION

Saints Booster
Eddy County, New Mexico

JOB NUMBER

880-38217-1

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
1/31/2024 12:45:13 PM

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

Client: Carmona Resources
Project/Site: Saints Booster

Laboratory Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	7
Surrogate Summary	46
QC Sample Results	49
QC Association Summary	62
Lab Chronicle	74
Certification Summary	89
Method Summary	90
Sample Summary	91
Chain of Custody	92
Receipt Checklists	97

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

Definitions/Glossary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
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: Saints Booster

Job ID: 880-38217-1

Job ID: 880-38217-1

Eurofins Midland

Job Narrative
880-38217-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample 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 1/19/2024 4:44 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -3.7°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (1.5') (880-38217-1), CS-2 (1.5') (880-38217-2), CS-3 (1.5') (880-38217-3), CS-4 (1.5') (880-38217-4), CS-5 (1.5') (880-38217-5), CS-6 (1.5') (880-38217-6), CS-7 (1.5') (880-38217-7), CS-8 (1.5') (880-38217-8), CS-9 (1.5') (880-38217-9), CS-10 (1.5') (880-38217-10), CS-11 (1.5') (880-38217-11), CS-12 (1.5') (880-38217-12), CS-13 (1.5') (880-38217-13), CS-14 (1.5') (880-38217-14), CS-15 (1.5') (880-38217-15), CS-16 (1.5') (880-38217-16), CS-17 (1.5') (880-38217-17), CS-18 (1.5') (880-38217-18), CS-19 (1.5') (880-38217-19), CS-20 (1.5') (880-38217-20), CS-21 (1.5') (880-38217-21), CS-22 (1.5') (880-38217-22), CS-23 (1.5') (880-38217-23), CS-24 (1.5') (880-38217-24), CS-25 (1.5') (880-38217-25), CS-26 (1.5') (880-38217-26), CS-27 (1.5') (880-38217-27), CS-28 (1.5') (880-38217-28), CS-29 (1.5') (880-38217-29), CS-30 (1.5') (880-38217-30), CS-31 (1.5') (880-38217-31), CS-32 (1.5') (880-38217-32), CS-33 (1.5') (880-38217-33), CS-34 (1.5') (880-38217-34), CS-35 (1.5') (880-38217-35), CS-36 (1.5') (880-38217-36), CS-37 (1.5') (880-38217-37), CS-38 (1.5') (880-38217-38), CS-39 (1.5') (880-38217-39), SW-1 (1.5') (880-38217-40), SW-2 (1.5') (880-38217-41), SW-3 (1.5') (880-38217-42), SW-4 (1.5') (880-38217-43), SW-5 (1.5') (880-38217-44), SW-6 (1.5') (880-38217-45), SW-7 (1.5') (880-38217-46), SW-8 (1.5') (880-38217-47) and SW-9 (1.5') (880-38217-48).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-24 (1.5') (880-38217-24), CS-30 (1.5') (880-38217-30) and (CCV 880-71659/2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-71430, 880-71520 and 880-71521 and analytical batch 880-71659 was outside the control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-71520 and 880-71521 and analytical batch 880-71659 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: Surrogate recovery for the following samples were outside control limits: CS-37 (1.5') (880-38217-37), CS-38 (1.5') (880-38217-38) and SW-2 (1.5') (880-38217-41). 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.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-2 (1.5') (880-38217-41), SW-6 (1.5') (880-38217-45) and SW-8 (1.5') (880-38217-47). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-71450 and analytical batch 880-71766 recovered outside control limits for the following analytes: Gasoline

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Saints Booster

Job ID: 880-38217-1

Job ID: 880-38217-1 (Continued)**Eurofins Midland**

Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-1 (1.5') (880-38217-1), (880-38217-A-1-C MS) and (880-38217-A-1-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: CS-3 (1.5') (880-38217-3), CS-4 (1.5') (880-38217-4), CS-5 (1.5') (880-38217-5), CS-7 (1.5') (880-38217-7), CS-8 (1.5') (880-38217-8), CS-9 (1.5') (880-38217-9) and CS-10 (1.5') (880-38217-10). 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: CS-11 (1.5') (880-38217-11), CS-12 (1.5') (880-38217-12), CS-15 (1.5') (880-38217-15), CS-17 (1.5') (880-38217-17), CS-18 (1.5') (880-38217-18), CS-19 (1.5') (880-38217-19) and CS-20 (1.5') (880-38217-20). 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: CS-21 (1.5') (880-38217-21), CS-22 (1.5') (880-38217-22) and (880-38217-A-21-C MS). 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: CS-25 (1.5') (880-38217-25), CS-26 (1.5') (880-38217-26), CS-27 (1.5') (880-38217-27), CS-28 (1.5') (880-38217-28), CS-29 (1.5') (880-38217-29), CS-30 (1.5') (880-38217-30), CS-31 (1.5') (880-38217-31), CS-32 (1.5') (880-38217-32), CS-33 (1.5') (880-38217-33), CS-36 (1.5') (880-38217-36), CS-37 (1.5') (880-38217-37), CS-38 (1.5') (880-38217-38), CS-39 (1.5') (880-38217-39) and SW-1 (1.5') (880-38217-40). 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.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-71327 and analytical batch 880-71553 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-71328 and analytical batch 880-71554 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-71330 and 880-71330 and analytical batch 880-71555 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-71381 and analytical batch 880-71575 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-38217-1

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:35	01/26/24 23:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:35	01/26/24 23:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:35	01/26/24 23:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/24/24 14:35	01/26/24 23:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:35	01/26/24 23:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/24/24 14:35	01/26/24 23:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	01/24/24 14:35	01/26/24 23:41	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/24/24 14:35	01/26/24 23:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/26/24 23:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/30/24 10:25	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	<50.5	U	50.5		mg/Kg		01/22/24 17:41	01/30/24 10:25	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/22/24 17:41	01/30/24 10:25	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/22/24 17:41	01/30/24 10:25	1
Total TPH	<50.5	U	50.5		mg/Kg		01/22/24 17:41	01/30/24 10:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130	01/22/24 17:41	01/30/24 10:25	1
o-Terphenyl	107		70 - 130	01/22/24 17:41	01/30/24 10:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2530		24.9		mg/Kg			01/25/24 09:07	5

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-38217-2

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:35	01/27/24 00:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 00:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 00:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/24/24 14:35	01/27/24 00:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 00:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/24/24 14:35	01/27/24 00:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	01/24/24 14:35	01/27/24 00:02	1
1,4-Difluorobenzene (Surr)	72		70 - 130	01/24/24 14:35	01/27/24 00:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-38217-2

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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			01/27/24 00:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/30/24 11:30	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		01/22/24 17:41	01/30/24 11:30	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/22/24 17:41	01/30/24 11:30	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/22/24 17:41	01/30/24 11:30	1
Total TPH	<49.7	U	49.7		mg/Kg		01/22/24 17:41	01/30/24 11:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130	01/22/24 17:41	01/30/24 11:30	1
o-Terphenyl	105		70 - 130	01/22/24 17:41	01/30/24 11:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1780		25.1		mg/Kg			01/25/24 09:14	5

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-38217-3

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:35	01/27/24 00:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/27/24 00:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/27/24 00:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/24/24 14:35	01/27/24 00:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/27/24 00:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/24/24 14:35	01/27/24 00:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	01/24/24 14:35	01/27/24 00:22	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/24/24 14:35	01/27/24 00:22	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			01/27/24 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	<49.6	U	49.6		mg/Kg			01/30/24 11:52	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	<49.6	U	49.6		mg/Kg		01/22/24 17:41	01/30/24 11:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-38217-3

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/22/24 17:41	01/30/24 11:52	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/22/24 17:41	01/30/24 11:52	1
Total TPH	<49.6	U	49.6		mg/Kg		01/22/24 17:41	01/30/24 11:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130	01/22/24 17:41	01/30/24 11:52	1
o-Terphenyl	110		70 - 130	01/22/24 17:41	01/30/24 11:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2180		25.0		mg/Kg			01/25/24 09:21	5

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-38217-4

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:35	01/27/24 00:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:35	01/27/24 00:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:35	01/27/24 00:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/24/24 14:35	01/27/24 00:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:35	01/27/24 00:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/24/24 14:35	01/27/24 00:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	01/24/24 14:35	01/27/24 00:43	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/24/24 14:35	01/27/24 00:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/27/24 00:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/30/24 12:13	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	<50.4	U	50.4		mg/Kg		01/22/24 17:41	01/30/24 12:13	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/22/24 17:41	01/30/24 12:13	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/22/24 17:41	01/30/24 12:13	1
Total TPH	<50.4	U	50.4		mg/Kg		01/22/24 17:41	01/30/24 12:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130	01/22/24 17:41	01/30/24 12:13	1
o-Terphenyl	104		70 - 130	01/22/24 17:41	01/30/24 12:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-38217-4

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2260		25.2		mg/Kg			01/25/24 09:28	5

Client Sample ID: CS-5 (1.5')

Lab Sample ID: 880-38217-5

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:35	01/27/24 01:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/27/24 01:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/27/24 01:03	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/24/24 14:35	01/27/24 01:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/27/24 01:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/24/24 14:35	01/27/24 01:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				01/24/24 14:35	01/27/24 01:03	1
1,4-Difluorobenzene (Surr)	90		70 - 130				01/24/24 14:35	01/27/24 01:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/27/24 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	<49.8	U	49.8		mg/Kg			01/30/24 12:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/22/24 17:41	01/30/24 12:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/22/24 17:41	01/30/24 12:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/22/24 17:41	01/30/24 12:35	1
Total TPH	<49.8	U	49.8		mg/Kg		01/22/24 17:41	01/30/24 12:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				01/22/24 17:41	01/30/24 12:35	1
o-Terphenyl	107		70 - 130				01/22/24 17:41	01/30/24 12:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1750		25.1		mg/Kg			01/25/24 09:34	5

Client Sample ID: CS-6 (1.5')

Lab Sample ID: 880-38217-6

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:35	01/27/24 01:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 01:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-6 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-6
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 01:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/24/24 14:35	01/27/24 01:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 01:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/24/24 14:35	01/27/24 01:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130				01/24/24 14:35	01/27/24 01:24	1
1,4-Difluorobenzene (Surr)	92		70 - 130				01/24/24 14:35	01/27/24 01:24	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			01/27/24 01:24	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			01/30/24 12:57	1

Method: SW846 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		01/22/24 17:41	01/30/24 12:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/22/24 17:41	01/30/24 12:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/22/24 17:41	01/30/24 12:57	1
Total TPH	<49.8	U	49.8		mg/Kg		01/22/24 17:41	01/30/24 12:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				01/22/24 17:41	01/30/24 12:57	1
o-Terphenyl	109		70 - 130				01/22/24 17:41	01/30/24 12:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1790		24.9		mg/Kg			01/25/24 09:41	5

Client Sample ID: CS-7 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 01:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 01:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 01:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/24/24 14:35	01/27/24 01:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 01:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/24/24 14:35	01/27/24 01:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				01/24/24 14:35	01/27/24 01:44	1
1,4-Difluorobenzene (Surr)	83		70 - 130				01/24/24 14:35	01/27/24 01:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-7 (1.5')

Lab Sample ID: 880-38217-7

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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			01/27/24 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	<50.1	U	50.1		mg/Kg			01/30/24 13:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/22/24 17:41	01/30/24 13:19	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/22/24 17:41	01/30/24 13:19	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/22/24 17:41	01/30/24 13:19	1
Total TPH	<50.1	U	50.1		mg/Kg		01/22/24 17:41	01/30/24 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130	01/22/24 17:41	01/30/24 13:19	1
o-Terphenyl	117		70 - 130	01/22/24 17:41	01/30/24 13:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100		24.8		mg/Kg			01/25/24 09:48	5

Client Sample ID: CS-8 (1.5')

Lab Sample ID: 880-38217-8

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:35	01/27/24 02:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/27/24 02:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/27/24 02:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/24/24 14:35	01/27/24 02:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/27/24 02:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/24/24 14:35	01/27/24 02:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	01/24/24 14:35	01/27/24 02:05	1
1,4-Difluorobenzene (Surr)	86		70 - 130	01/24/24 14:35	01/27/24 02:05	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			01/27/24 02:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/30/24 13:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/22/24 17:41	01/30/24 13:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-8 (1.5')

Lab Sample ID: 880-38217-8

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/22/24 17:41	01/30/24 13:40	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/22/24 17:41	01/30/24 13:40	1
Total TPH	<50.5	U	50.5		mg/Kg		01/22/24 17:41	01/30/24 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130	01/22/24 17:41	01/30/24 13:40	1
o-Terphenyl	119		70 - 130	01/22/24 17:41	01/30/24 13:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1780	F1	25.0		mg/Kg			01/25/24 10:43	5

Client Sample ID: CS-9 (1.5')

Lab Sample ID: 880-38217-9

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:35	01/27/24 02:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:35	01/27/24 02:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:35	01/27/24 02:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/24/24 14:35	01/27/24 02:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:35	01/27/24 02:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/24/24 14:35	01/27/24 02:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	01/24/24 14:35	01/27/24 02:25	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/24/24 14:35	01/27/24 02:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/27/24 02:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/30/24 14:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/22/24 17:41	01/30/24 14:02	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/22/24 17:41	01/30/24 14:02	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/22/24 17:41	01/30/24 14:02	1
Total TPH	<49.7	U	49.7		mg/Kg		01/22/24 17:41	01/30/24 14:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130	01/22/24 17:41	01/30/24 14:02	1
o-Terphenyl	117		70 - 130	01/22/24 17:41	01/30/24 14:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-9 (1.5')

Lab Sample ID: 880-38217-9

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1730		25.0		mg/Kg			01/25/24 11:04	5

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-38217-10

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:35	01/27/24 02:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/27/24 02:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/27/24 02:46	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/24/24 14:35	01/27/24 02:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/27/24 02:46	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/24/24 14:35	01/27/24 02:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	01/24/24 14:35	01/27/24 02:46	1
1,4-Difluorobenzene (Surr)	85		70 - 130	01/24/24 14:35	01/27/24 02:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/27/24 02:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/30/24 14:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/22/24 17:41	01/30/24 14:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/22/24 17:41	01/30/24 14:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/22/24 17:41	01/30/24 14:24	1
Total TPH	<49.9	U	49.9		mg/Kg		01/22/24 17:41	01/30/24 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130	01/22/24 17:41	01/30/24 14:24	1
o-Terphenyl	113		70 - 130	01/22/24 17:41	01/30/24 14:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2220		24.8		mg/Kg			01/25/24 11:10	5

Client Sample ID: CS-11 (1.5')

Lab Sample ID: 880-38217-11

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:35	01/27/24 04:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 04:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (1.5')

Lab Sample ID: 880-38217-11

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 04:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/24/24 14:35	01/27/24 04:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 04:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/24/24 14:35	01/27/24 04:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				01/24/24 14:35	01/27/24 04:09	1
1,4-Difluorobenzene (Surr)	81		70 - 130				01/24/24 14:35	01/27/24 04:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/27/24 04:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/30/24 15:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/22/24 17:41	01/30/24 15:08	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/22/24 17:41	01/30/24 15:08	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/22/24 17:41	01/30/24 15:08	1
Total TPH	<49.6	U	49.6		mg/Kg		01/22/24 17:41	01/30/24 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				01/22/24 17:41	01/30/24 15:08	1
o-Terphenyl	114		70 - 130				01/22/24 17:41	01/30/24 15:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1780		25.0		mg/Kg			01/25/24 11:17	5

Client Sample ID: CS-12 (1.5')

Lab Sample ID: 880-38217-12

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:35	01/27/24 04:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 04:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 04:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/24/24 14:35	01/27/24 04:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 04:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/24/24 14:35	01/27/24 04:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				01/24/24 14:35	01/27/24 04:30	1
1,4-Difluorobenzene (Surr)	84		70 - 130				01/24/24 14:35	01/27/24 04:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-12 (1.5')

Lab Sample ID: 880-38217-12

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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			01/27/24 04:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/30/24 15:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/22/24 17:41	01/30/24 15:30	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/22/24 17:41	01/30/24 15:30	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/22/24 17:41	01/30/24 15:30	1
Total TPH	<50.5	U	50.5		mg/Kg		01/22/24 17:41	01/30/24 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130	01/22/24 17:41	01/30/24 15:30	1
o-Terphenyl	114		70 - 130	01/22/24 17:41	01/30/24 15:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		25.0		mg/Kg			01/25/24 11:24	5

Client Sample ID: CS-13 (1.5')

Lab Sample ID: 880-38217-13

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:35	01/27/24 04:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/27/24 04:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/27/24 04:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/24/24 14:35	01/27/24 04:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/27/24 04:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/24/24 14:35	01/27/24 04:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/24/24 14:35	01/27/24 04:50	1
1,4-Difluorobenzene (Surr)	76		70 - 130	01/24/24 14:35	01/27/24 04:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/27/24 04:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/30/24 15:51	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	<50.0	U	50.0		mg/Kg		01/22/24 17:41	01/30/24 15:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-13 (1.5')

Lab Sample ID: 880-38217-13

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/24 17:41	01/30/24 15:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/24 17:41	01/30/24 15:51	1
Total TPH	<50.0	U	50.0		mg/Kg		01/22/24 17:41	01/30/24 15:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	01/22/24 17:41	01/30/24 15:51	1
o-Terphenyl	105		70 - 130	01/22/24 17:41	01/30/24 15:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1540		24.9		mg/Kg			01/25/24 11:45	5

Client Sample ID: CS-14 (1.5')

Lab Sample ID: 880-38217-14

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:35	01/27/24 05:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:35	01/27/24 05:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:35	01/27/24 05:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/24/24 14:35	01/27/24 05:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:35	01/27/24 05:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/24/24 14:35	01/27/24 05:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/24/24 14:35	01/27/24 05:11	1
1,4-Difluorobenzene (Surr)	86		70 - 130	01/24/24 14:35	01/27/24 05:11	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			01/27/24 05:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/30/24 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	<49.6	U	49.6		mg/Kg		01/22/24 17:41	01/30/24 16:14	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/22/24 17:41	01/30/24 16:14	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/22/24 17:41	01/30/24 16:14	1
Total TPH	<49.6	U	49.6		mg/Kg		01/22/24 17:41	01/30/24 16:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	01/22/24 17:41	01/30/24 16:14	1
o-Terphenyl	107		70 - 130	01/22/24 17:41	01/30/24 16:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-14 (1.5')

Lab Sample ID: 880-38217-14

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1450		25.3		mg/Kg			01/25/24 11:51	5

Client Sample ID: CS-15 (1.5')

Lab Sample ID: 880-38217-15

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:35	01/27/24 05:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/24/24 14:35	01/27/24 05:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/24/24 14:35	01/27/24 05:31	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/24/24 14:35	01/27/24 05:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/24/24 14:35	01/27/24 05:31	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/24/24 14:35	01/27/24 05:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	01/24/24 14:35	01/27/24 05:31	1
1,4-Difluorobenzene (Surr)	85		70 - 130	01/24/24 14:35	01/27/24 05:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/27/24 05:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/30/24 16:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/22/24 17:41	01/30/24 16:35	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/22/24 17:41	01/30/24 16:35	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/22/24 17:41	01/30/24 16:35	1
Total TPH	<50.2	U	50.2		mg/Kg		01/22/24 17:41	01/30/24 16:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130	01/22/24 17:41	01/30/24 16:35	1
o-Terphenyl	114		70 - 130	01/22/24 17:41	01/30/24 16:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1640		24.9		mg/Kg			01/25/24 11:58	5

Client Sample ID: CS-16 (1.5')

Lab Sample ID: 880-38217-16

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:35	01/27/24 05:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 05:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-16 (1.5')

Lab Sample ID: 880-38217-16

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 05:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/24/24 14:35	01/27/24 05:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 05:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/24/24 14:35	01/27/24 05:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				01/24/24 14:35	01/27/24 05:52	1
1,4-Difluorobenzene (Surr)	77		70 - 130				01/24/24 14:35	01/27/24 05:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/27/24 05:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/30/24 16:59	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	<50.4	U	50.4		mg/Kg		01/22/24 17:41	01/30/24 16:59	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/22/24 17:41	01/30/24 16:59	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/22/24 17:41	01/30/24 16:59	1
Total TPH	<50.4	U	50.4		mg/Kg		01/22/24 17:41	01/30/24 16:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				01/22/24 17:41	01/30/24 16:59	1
o-Terphenyl	107		70 - 130				01/22/24 17:41	01/30/24 16:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1640		24.9		mg/Kg			01/25/24 12:05	5

Client Sample ID: CS-17 (1.5')

Lab Sample ID: 880-38217-17

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:35	01/27/24 06:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/24/24 14:35	01/27/24 06:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/24/24 14:35	01/27/24 06:12	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/24/24 14:35	01/27/24 06:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/24/24 14:35	01/27/24 06:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/24/24 14:35	01/27/24 06:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				01/24/24 14:35	01/27/24 06:12	1
1,4-Difluorobenzene (Surr)	89		70 - 130				01/24/24 14:35	01/27/24 06:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-17 (1.5')

Lab Sample ID: 880-38217-17

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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			01/27/24 06:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/30/24 17:21	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	<50.5	U	50.5		mg/Kg		01/22/24 17:41	01/30/24 17:21	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/22/24 17:41	01/30/24 17:21	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/22/24 17:41	01/30/24 17:21	1
Total TPH	<50.5	U	50.5		mg/Kg		01/22/24 17:41	01/30/24 17:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	158	S1+	70 - 130	01/22/24 17:41	01/30/24 17:21	1
o-Terphenyl	128		70 - 130	01/22/24 17:41	01/30/24 17:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		24.8		mg/Kg			01/25/24 12:12	5

Client Sample ID: CS-18 (1.5')

Lab Sample ID: 880-38217-18

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:35	01/27/24 06:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 06:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 06:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/24/24 14:35	01/27/24 06:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:35	01/27/24 06:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/24/24 14:35	01/27/24 06:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	01/24/24 14:35	01/27/24 06:33	1
1,4-Difluorobenzene (Surr)	81		70 - 130	01/24/24 14:35	01/27/24 06:33	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			01/27/24 06:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/30/24 17:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/22/24 17:41	01/30/24 17:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-18 (1.5')

Lab Sample ID: 880-38217-18

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/22/24 17:41	01/30/24 17:43	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/22/24 17:41	01/30/24 17:43	1
Total TPH	<49.7	U	49.7		mg/Kg		01/22/24 17:41	01/30/24 17:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	153	S1+	70 - 130				01/22/24 17:41	01/30/24 17:43	1
o-Terphenyl	127		70 - 130				01/22/24 17:41	01/30/24 17:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1470	F1	24.8		mg/Kg			01/25/24 12:19	5

Client Sample ID: CS-19 (1.5')

Lab Sample ID: 880-38217-19

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1	0.00200		mg/Kg		01/24/24 14:38	01/27/24 01:53	1
Toluene	<0.00200	U F2 F1	0.00200		mg/Kg		01/24/24 14:38	01/27/24 01:53	1
Ethylbenzene	<0.00200	U F2 F1	0.00200		mg/Kg		01/24/24 14:38	01/27/24 01:53	1
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.00401		mg/Kg		01/24/24 14:38	01/27/24 01:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 01:53	1
Xylenes, Total	<0.00401	U F2	0.00401		mg/Kg		01/24/24 14:38	01/27/24 01:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				01/24/24 14:38	01/27/24 01:53	1
1,4-Difluorobenzene (Surr)	83		70 - 130				01/24/24 14:38	01/27/24 01:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/27/24 01:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/30/24 18:05	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		01/22/24 17:41	01/30/24 18:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/22/24 17:41	01/30/24 18:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/22/24 17:41	01/30/24 18:05	1
Total TPH	<49.8	U	49.8		mg/Kg		01/22/24 17:41	01/30/24 18:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130				01/22/24 17:41	01/30/24 18:05	1
o-Terphenyl	117		70 - 130				01/22/24 17:41	01/30/24 18:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-19 (1.5')

Lab Sample ID: 880-38217-19

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1350		25.0		mg/Kg			01/25/24 12:40	5

Client Sample ID: CS-20 (1.5')

Lab Sample ID: 880-38217-20

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 02:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 02:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 02:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/24/24 14:38	01/27/24 02:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 02:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/24/24 14:38	01/27/24 02:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				01/24/24 14:38	01/27/24 02:20	1
1,4-Difluorobenzene (Surr)	104		70 - 130				01/24/24 14:38	01/27/24 02:20	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			01/27/24 02:20	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			01/30/24 18:27	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	<50.0	U	50.0		mg/Kg		01/22/24 17:41	01/30/24 18:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/24 17:41	01/30/24 18:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/24 17:41	01/30/24 18:27	1
Total TPH	<50.0	U	50.0		mg/Kg		01/22/24 17:41	01/30/24 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130				01/22/24 17:41	01/30/24 18:27	1
o-Terphenyl	115		70 - 130				01/22/24 17:41	01/30/24 18:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2260		24.8		mg/Kg			01/25/24 12:47	5

Client Sample ID: CS-21 (1.5')

Lab Sample ID: 880-38217-21

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 02:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 02:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-21 (1.5')

Lab Sample ID: 880-38217-21

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 02:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/24/24 14:38	01/27/24 02:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 02:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/24/24 14:38	01/27/24 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				01/24/24 14:38	01/27/24 02:46	1
1,4-Difluorobenzene (Surr)	88		70 - 130				01/24/24 14:38	01/27/24 02:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/27/24 02:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/30/24 20:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/22/24 17:44	01/30/24 20:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/22/24 17:44	01/30/24 20:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/22/24 17:44	01/30/24 20:15	1
Total TPH	<49.8	U	49.8		mg/Kg		01/22/24 17:44	01/30/24 20:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				01/22/24 17:44	01/30/24 20:15	1
o-Terphenyl	109		70 - 130				01/22/24 17:44	01/30/24 20:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1880		25.1		mg/Kg			01/25/24 13:07	5

Client Sample ID: CS-22 (1.5')

Lab Sample ID: 880-38217-22

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 03:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:38	01/27/24 03:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:38	01/27/24 03:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/24/24 14:38	01/27/24 03:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:38	01/27/24 03:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/24/24 14:38	01/27/24 03:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				01/24/24 14:38	01/27/24 03:13	1
1,4-Difluorobenzene (Surr)	121		70 - 130				01/24/24 14:38	01/27/24 03:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-22 (1.5')

Lab Sample ID: 880-38217-22

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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			01/27/24 03:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/30/24 21:20	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		01/22/24 17:44	01/30/24 21:20	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/22/24 17:44	01/30/24 21:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/22/24 17:44	01/30/24 21:20	1
Total TPH	<49.7	U	49.7		mg/Kg		01/22/24 17:44	01/30/24 21:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130	01/22/24 17:44	01/30/24 21:20	1
o-Terphenyl	120		70 - 130	01/22/24 17:44	01/30/24 21:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3020		24.9		mg/Kg			01/25/24 13:14	5

Client Sample ID: CS-23 (1.5')

Lab Sample ID: 880-38217-23

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 03:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:38	01/27/24 03:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:38	01/27/24 03:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/24/24 14:38	01/27/24 03:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:38	01/27/24 03:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/24/24 14:38	01/27/24 03:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	01/24/24 14:38	01/27/24 03:39	1
1,4-Difluorobenzene (Surr)	87		70 - 130	01/24/24 14:38	01/27/24 03:39	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			01/27/24 03:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/30/24 21:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/22/24 17:44	01/30/24 21:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-23 (1.5')

Lab Sample ID: 880-38217-23

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/22/24 17:44	01/30/24 21:42	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/22/24 17:44	01/30/24 21:42	1
Total TPH	<49.6	U	49.6		mg/Kg		01/22/24 17:44	01/30/24 21:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130	01/22/24 17:44	01/30/24 21:42	1
o-Terphenyl	106		70 - 130	01/22/24 17:44	01/30/24 21:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2780		24.9		mg/Kg			01/25/24 13:21	5

Client Sample ID: CS-24 (1.5')

Lab Sample ID: 880-38217-24

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 04:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 04:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 04:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/24/24 14:38	01/27/24 04:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 04:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/24/24 14:38	01/27/24 04:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	53	S1-	70 - 130	01/24/24 14:38	01/27/24 04:06	1
1,4-Difluorobenzene (Surr)	101		70 - 130	01/24/24 14:38	01/27/24 04:06	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			01/27/24 04:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/30/24 22:03	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	<50.5	U	50.5		mg/Kg		01/22/24 17:44	01/30/24 22:03	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/22/24 17:44	01/30/24 22:03	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/22/24 17:44	01/30/24 22:03	1
Total TPH	<50.5	U	50.5		mg/Kg		01/22/24 17:44	01/30/24 22:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130	01/22/24 17:44	01/30/24 22:03	1
o-Terphenyl	105		70 - 130	01/22/24 17:44	01/30/24 22:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-24 (1.5')

Lab Sample ID: 880-38217-24

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3860		25.0		mg/Kg			01/25/24 13:28	5

Client Sample ID: CS-25 (1.5')

Lab Sample ID: 880-38217-25

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 04:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/24/24 14:38	01/27/24 04:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/24/24 14:38	01/27/24 04:33	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/24/24 14:38	01/27/24 04:33	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/24/24 14:38	01/27/24 04:33	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/24/24 14:38	01/27/24 04:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/24/24 14:38	01/27/24 04:33	1
1,4-Difluorobenzene (Surr)	87		70 - 130	01/24/24 14:38	01/27/24 04:33	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			01/27/24 04:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/30/24 22:25	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	<49.6	U	49.6		mg/Kg		01/22/24 17:44	01/30/24 22:25	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/22/24 17:44	01/30/24 22:25	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/22/24 17:44	01/30/24 22:25	1
Total TPH	<49.6	U	49.6		mg/Kg		01/22/24 17:44	01/30/24 22:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	150	S1+	70 - 130	01/22/24 17:44	01/30/24 22:25	1
o-Terphenyl	119		70 - 130	01/22/24 17:44	01/30/24 22:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2300		25.1		mg/Kg			01/25/24 13:35	5

Client Sample ID: CS-26 (1.5')

Lab Sample ID: 880-38217-26

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 04:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 04:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-26 (1.5')

Lab Sample ID: 880-38217-26

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 04:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/24/24 14:38	01/27/24 04:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 04:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/24/24 14:38	01/27/24 04:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				01/24/24 14:38	01/27/24 04:59	1
1,4-Difluorobenzene (Surr)	96		70 - 130				01/24/24 14:38	01/27/24 04:59	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			01/27/24 04:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/30/24 22:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/22/24 17:44	01/30/24 22:47	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/22/24 17:44	01/30/24 22:47	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/22/24 17:44	01/30/24 22:47	1
Total TPH	<50.4	U	50.4		mg/Kg		01/22/24 17:44	01/30/24 22:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130				01/22/24 17:44	01/30/24 22:47	1
o-Terphenyl	115		70 - 130				01/22/24 17:44	01/30/24 22:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2220		25.0		mg/Kg			01/25/24 13:41	5

Client Sample ID: CS-27 (1.5')

Lab Sample ID: 880-38217-27

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 05:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 05:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 05:26	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/24/24 14:38	01/27/24 05:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 05:26	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/24/24 14:38	01/27/24 05:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				01/24/24 14:38	01/27/24 05:26	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/24/24 14:38	01/27/24 05:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-27 (1.5')

Lab Sample ID: 880-38217-27

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/27/24 05:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/30/24 23:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/22/24 17:44	01/30/24 23:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/22/24 17:44	01/30/24 23:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/22/24 17:44	01/30/24 23:08	1
Total TPH	<49.9	U	49.9		mg/Kg		01/22/24 17:44	01/30/24 23:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130	01/22/24 17:44	01/30/24 23:08	1
o-Terphenyl	110		70 - 130	01/22/24 17:44	01/30/24 23:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2400		25.3		mg/Kg			01/25/24 13:48	5

Client Sample ID: CS-28 (1.5')

Lab Sample ID: 880-38217-28

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 05:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/24/24 14:38	01/27/24 05:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/24/24 14:38	01/27/24 05:54	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/24/24 14:38	01/27/24 05:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/24/24 14:38	01/27/24 05:54	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/24/24 14:38	01/27/24 05:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	01/24/24 14:38	01/27/24 05:54	1
1,4-Difluorobenzene (Surr)	86		70 - 130	01/24/24 14:38	01/27/24 05:54	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			01/27/24 05:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/30/24 23:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/22/24 17:44	01/30/24 23:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-28 (1.5')

Lab Sample ID: 880-38217-28

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/22/24 17:44	01/30/24 23:30	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/22/24 17:44	01/30/24 23:30	1
Total TPH	<50.2	U	50.2		mg/Kg		01/22/24 17:44	01/30/24 23:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	152	S1+	70 - 130				01/22/24 17:44	01/30/24 23:30	1
o-Terphenyl	125		70 - 130				01/22/24 17:44	01/30/24 23:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2150	F1	24.8		mg/Kg			01/25/24 14:43	5

Client Sample ID: CS-29 (1.5')

Lab Sample ID: 880-38217-29

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 07:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 07:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 07:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/24/24 14:38	01/27/24 07:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 07:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/24/24 14:38	01/27/24 07:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				01/24/24 14:38	01/27/24 07:40	1
1,4-Difluorobenzene (Surr)	75		70 - 130				01/24/24 14:38	01/27/24 07:40	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			01/27/24 07:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/30/24 23:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/22/24 17:44	01/30/24 23:51	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/22/24 17:44	01/30/24 23:51	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/22/24 17:44	01/30/24 23:51	1
Total TPH	<49.6	U	49.6		mg/Kg		01/22/24 17:44	01/30/24 23:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				01/22/24 17:44	01/30/24 23:51	1
o-Terphenyl	112		70 - 130				01/22/24 17:44	01/30/24 23:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-29 (1.5')

Lab Sample ID: 880-38217-29

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2530		25.0		mg/Kg			01/25/24 15:03	5

Client Sample ID: CS-30 (1.5')

Lab Sample ID: 880-38217-30

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 08:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 08:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 08:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/24/24 14:38	01/27/24 08:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 08:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/24/24 14:38	01/27/24 08:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	01/24/24 14:38	01/27/24 08:07	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/24/24 14:38	01/27/24 08:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/27/24 08:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/31/24 00:13	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	<50.5	U	50.5		mg/Kg		01/22/24 17:44	01/31/24 00:13	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/22/24 17:44	01/31/24 00:13	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/22/24 17:44	01/31/24 00:13	1
Total TPH	<50.5	U	50.5		mg/Kg		01/22/24 17:44	01/31/24 00:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	147	S1+	70 - 130	01/22/24 17:44	01/31/24 00:13	1
o-Terphenyl	122		70 - 130	01/22/24 17:44	01/31/24 00:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2410		25.0		mg/Kg			01/25/24 15:10	5

Client Sample ID: CS-31 (1.5')

Lab Sample ID: 880-38217-31

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 08:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 08:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-31 (1.5')

Lab Sample ID: 880-38217-31

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 08:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/24/24 14:38	01/27/24 08:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 08:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/24/24 14:38	01/27/24 08:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				01/24/24 14:38	01/27/24 08:33	1
1,4-Difluorobenzene (Surr)	104		70 - 130				01/24/24 14:38	01/27/24 08:33	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			01/27/24 08:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/31/24 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	<49.7	U	49.7		mg/Kg		01/22/24 17:44	01/31/24 00:56	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/22/24 17:44	01/31/24 00:56	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/22/24 17:44	01/31/24 00:56	1
Total TPH	<49.7	U	49.7		mg/Kg		01/22/24 17:44	01/31/24 00:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130				01/22/24 17:44	01/31/24 00:56	1
o-Terphenyl	121		70 - 130				01/22/24 17:44	01/31/24 00:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2280		24.8		mg/Kg			01/25/24 15:17	5

Client Sample ID: CS-32 (1.5')

Lab Sample ID: 880-38217-32

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 08:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:38	01/27/24 08:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:38	01/27/24 08:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/24/24 14:38	01/27/24 08:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:38	01/27/24 08:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/24/24 14:38	01/27/24 08:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				01/24/24 14:38	01/27/24 08:59	1
1,4-Difluorobenzene (Surr)	115		70 - 130				01/24/24 14:38	01/27/24 08:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-32 (1.5')

Lab Sample ID: 880-38217-32

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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			01/27/24 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			01/31/24 01:18	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	<50.3	U	50.3		mg/Kg		01/22/24 17:44	01/31/24 01:18	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/22/24 17:44	01/31/24 01:18	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/22/24 17:44	01/31/24 01:18	1
Total TPH	<50.3	U	50.3		mg/Kg		01/22/24 17:44	01/31/24 01:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130	01/22/24 17:44	01/31/24 01:18	1
o-Terphenyl	109		70 - 130	01/22/24 17:44	01/31/24 01:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2340		25.1		mg/Kg			01/25/24 15:24	5

Client Sample ID: CS-33 (1.5')

Lab Sample ID: 880-38217-33

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 09:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 09:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 09:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/24/24 14:38	01/27/24 09:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 09:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/24/24 14:38	01/27/24 09:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/24/24 14:38	01/27/24 09:25	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/24/24 14:38	01/27/24 09:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/27/24 09:25	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			01/31/24 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/22/24 17:44	01/31/24 01:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-33 (1.5')

Lab Sample ID: 880-38217-33

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/22/24 17:44	01/31/24 01:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/22/24 17:44	01/31/24 01:39	1
Total TPH	<49.8	U	49.8		mg/Kg		01/22/24 17:44	01/31/24 01:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	147	S1+	70 - 130	01/22/24 17:44	01/31/24 01:39	1
o-Terphenyl	111		70 - 130	01/22/24 17:44	01/31/24 01:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2210		25.2		mg/Kg			01/25/24 15:45	5

Client Sample ID: CS-34 (1.5')

Lab Sample ID: 880-38217-34

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 09:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 09:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 09:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/24/24 14:38	01/27/24 09:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 09:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/24/24 14:38	01/27/24 09:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	01/24/24 14:38	01/27/24 09:52	1
1,4-Difluorobenzene (Surr)	105		70 - 130	01/24/24 14:38	01/27/24 09:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/27/24 09:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/31/24 02:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/22/24 17:44	01/31/24 02:01	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/22/24 17:44	01/31/24 02:01	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/22/24 17:44	01/31/24 02:01	1
Total TPH	<50.1	U	50.1		mg/Kg		01/22/24 17:44	01/31/24 02:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130	01/22/24 17:44	01/31/24 02:01	1
o-Terphenyl	103		70 - 130	01/22/24 17:44	01/31/24 02:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-34 (1.5')

Lab Sample ID: 880-38217-34

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2560		25.2		mg/Kg			01/25/24 15:52	5

Client Sample ID: CS-35 (1.5')

Lab Sample ID: 880-38217-35

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 10:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/24/24 14:38	01/27/24 10:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/24/24 14:38	01/27/24 10:18	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/24/24 14:38	01/27/24 10:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/24/24 14:38	01/27/24 10:18	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/24/24 14:38	01/27/24 10:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/24/24 14:38	01/27/24 10:18	1
1,4-Difluorobenzene (Surr)	107		70 - 130	01/24/24 14:38	01/27/24 10:18	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			01/27/24 10:18	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			01/31/24 02:22	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		01/22/24 17:44	01/31/24 02:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/22/24 17:44	01/31/24 02:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/22/24 17:44	01/31/24 02:22	1
Total TPH	<49.9	U	49.9		mg/Kg		01/22/24 17:44	01/31/24 02:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	01/22/24 17:44	01/31/24 02:22	1
o-Terphenyl	105		70 - 130	01/22/24 17:44	01/31/24 02:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2440		25.1		mg/Kg			01/25/24 15:58	5

Client Sample ID: CS-36 (1.5')

Lab Sample ID: 880-38217-36

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 10:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 10:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-36 (1.5')

Lab Sample ID: 880-38217-36

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 10:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/24/24 14:38	01/27/24 10:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:38	01/27/24 10:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/24/24 14:38	01/27/24 10:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				01/24/24 14:38	01/27/24 10:44	1
1,4-Difluorobenzene (Surr)	117		70 - 130				01/24/24 14:38	01/27/24 10:44	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			01/27/24 10:44	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			01/31/24 02:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/22/24 17:45	01/31/24 02:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/24 17:45	01/31/24 02:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/24 17:45	01/31/24 02:44	1
Total TPH	<50.0	U	50.0		mg/Kg		01/22/24 17:45	01/31/24 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	147	S1+	70 - 130				01/22/24 17:45	01/31/24 02:44	1
o-Terphenyl	124		70 - 130				01/22/24 17:45	01/31/24 02:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2400		24.9		mg/Kg			01/25/24 16:05	5

Client Sample ID: CS-37 (1.5')

Lab Sample ID: 880-38217-37

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 11:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 11:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 11:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/24/24 14:38	01/27/24 11:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 11:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/24/24 14:38	01/27/24 11:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				01/24/24 14:38	01/27/24 11:10	1
1,4-Difluorobenzene (Surr)	119		70 - 130				01/24/24 14:38	01/27/24 11:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-37 (1.5')

Lab Sample ID: 880-38217-37

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/27/24 11:10	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			01/31/24 03:06	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		01/22/24 17:45	01/31/24 03:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/24 17:45	01/31/24 03:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/24 17:45	01/31/24 03:06	1
Total TPH	<50.0	U	50.0		mg/Kg		01/22/24 17:45	01/31/24 03:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130	01/22/24 17:45	01/31/24 03:06	1
o-Terphenyl	117		70 - 130	01/22/24 17:45	01/31/24 03:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2360		24.9		mg/Kg			01/25/24 16:12	5

Client Sample ID: CS-38 (1.5')

Lab Sample ID: 880-38217-38

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:38	01/27/24 11:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 11:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 11:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/24/24 14:38	01/27/24 11:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 11:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/24/24 14:38	01/27/24 11:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	01/24/24 14:38	01/27/24 11:36	1
1,4-Difluorobenzene (Surr)	132	S1+	70 - 130	01/24/24 14:38	01/27/24 11:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/27/24 11:36	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			01/31/24 06:21	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		01/22/24 17:45	01/31/24 06:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-38 (1.5')

Lab Sample ID: 880-38217-38

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/24 17:45	01/31/24 06:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/24 17:45	01/31/24 06:21	1
Total TPH	<50.0	U	50.0		mg/Kg		01/22/24 17:45	01/31/24 06:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130	01/22/24 17:45	01/31/24 06:21	1
o-Terphenyl	116		70 - 130	01/22/24 17:45	01/31/24 06:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2250	F1	25.2		mg/Kg			01/25/24 19:58	5

Client Sample ID: CS-39 (1.5')

Lab Sample ID: 880-38217-39

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		01/24/24 14:41	01/27/24 15:31	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		01/24/24 14:41	01/27/24 15:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:41	01/27/24 15:31	1
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.00401		mg/Kg		01/24/24 14:41	01/27/24 15:31	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		01/24/24 14:41	01/27/24 15:31	1
Xylenes, Total	<0.00401	U F2 F1	0.00401		mg/Kg		01/24/24 14:41	01/27/24 15:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	01/24/24 14:41	01/27/24 15:31	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/24/24 14:41	01/27/24 15:31	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			01/27/24 15:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/31/24 06:42	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	<50.2	U	50.2		mg/Kg		01/22/24 17:45	01/31/24 06:42	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/22/24 17:45	01/31/24 06:42	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/22/24 17:45	01/31/24 06:42	1
Total TPH	<50.2	U	50.2		mg/Kg		01/22/24 17:45	01/31/24 06:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	147	S1+	70 - 130	01/22/24 17:45	01/31/24 06:42	1
o-Terphenyl	122		70 - 130	01/22/24 17:45	01/31/24 06:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-39 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-39
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1500		25.0		mg/Kg			01/25/24 18:02	5

Client Sample ID: SW-1 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-40
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:41	01/27/24 15:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:41	01/27/24 15:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:41	01/27/24 15:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/24/24 14:41	01/27/24 15:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:41	01/27/24 15:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/24/24 14:41	01/27/24 15:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				01/24/24 14:41	01/27/24 15:58	1
1,4-Difluorobenzene (Surr)	86		70 - 130				01/24/24 14:41	01/27/24 15:58	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			01/27/24 15:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/31/24 07:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/22/24 17:45	01/31/24 07:03	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/22/24 17:45	01/31/24 07:03	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/22/24 17:45	01/31/24 07:03	1
Total TPH	<50.4	U	50.4		mg/Kg		01/22/24 17:45	01/31/24 07:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130				01/22/24 17:45	01/31/24 07:03	1
o-Terphenyl	115		70 - 130				01/22/24 17:45	01/31/24 07:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		4.99		mg/Kg			01/25/24 16:40	1

Client Sample ID: SW-2 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-41
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:41	01/27/24 16:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:41	01/27/24 16:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-2 (1.5')

Lab Sample ID: 880-38217-41

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:41	01/27/24 16:24	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/24/24 14:41	01/27/24 16:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:41	01/27/24 16:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/24/24 14:41	01/27/24 16:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				01/24/24 14:41	01/27/24 16:24	1
1,4-Difluorobenzene (Surr)	82		70 - 130				01/24/24 14:41	01/27/24 16:24	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			01/27/24 16:24	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			01/29/24 23:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		01/23/24 13:07	01/29/24 23:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/23/24 13:07	01/29/24 23:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/23/24 13:07	01/29/24 23:44	1
Total TPH	<49.9	U	49.9		mg/Kg		01/23/24 13:07	01/29/24 23:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				01/23/24 13:07	01/29/24 23:44	1
o-Terphenyl	113		70 - 130				01/23/24 13:07	01/29/24 23:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127		4.98		mg/Kg			01/25/24 16:46	1

Client Sample ID: SW-3 (1.5')

Lab Sample ID: 880-38217-42

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:41	01/27/24 16:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:41	01/27/24 16:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:41	01/27/24 16:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/24/24 14:41	01/27/24 16:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:41	01/27/24 16:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/24/24 14:41	01/27/24 16:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				01/24/24 14:41	01/27/24 16:50	1
1,4-Difluorobenzene (Surr)	126		70 - 130				01/24/24 14:41	01/27/24 16:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-3 (1.5')

Lab Sample ID: 880-38217-42

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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			01/27/24 16:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/30/24 00:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		01/23/24 13:07	01/30/24 00:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/23/24 13:07	01/30/24 00:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/23/24 13:07	01/30/24 00:04	1
Total TPH	<50.0	U	50.0		mg/Kg		01/23/24 13:07	01/30/24 00:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130	01/23/24 13:07	01/30/24 00:04	1
o-Terphenyl	104		70 - 130	01/23/24 13:07	01/30/24 00:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		5.05		mg/Kg			01/25/24 17:21	1

Client Sample ID: SW-4 (1.5')

Lab Sample ID: 880-38217-43

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:41	01/27/24 17:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:41	01/27/24 17:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:41	01/27/24 17:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/24/24 14:41	01/27/24 17:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/24/24 14:41	01/27/24 17:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/24/24 14:41	01/27/24 17:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/24/24 14:41	01/27/24 17:16	1
1,4-Difluorobenzene (Surr)	110		70 - 130	01/24/24 14:41	01/27/24 17:16	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			01/27/24 17:16	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			01/30/24 00:46	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	<49.6	U *1	49.6		mg/Kg		01/23/24 13:07	01/30/24 00:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-4 (1.5')

Lab Sample ID: 880-38217-43

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/23/24 13:07	01/30/24 00:46	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/23/24 13:07	01/30/24 00:46	1
Total TPH	<49.6	U	49.6		mg/Kg		01/23/24 13:07	01/30/24 00:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130	01/23/24 13:07	01/30/24 00:46	1
o-Terphenyl	106		70 - 130	01/23/24 13:07	01/30/24 00:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		5.02		mg/Kg			01/25/24 17:28	1

Client Sample ID: SW-5 (1.5')

Lab Sample ID: 880-38217-44

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:41	01/27/24 17:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:41	01/27/24 17:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:41	01/27/24 17:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/24/24 14:41	01/27/24 17:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:41	01/27/24 17:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/24/24 14:41	01/27/24 17:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	01/24/24 14:41	01/27/24 17:42	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/24/24 14:41	01/27/24 17:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/27/24 17:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/30/24 01:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U *1	50.5		mg/Kg		01/23/24 13:07	01/30/24 01:07	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/23/24 13:07	01/30/24 01:07	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/23/24 13:07	01/30/24 01:07	1
Total TPH	<50.5	U	50.5		mg/Kg		01/23/24 13:07	01/30/24 01:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130	01/23/24 13:07	01/30/24 01:07	1
o-Terphenyl	101		70 - 130	01/23/24 13:07	01/30/24 01:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-5 (1.5')

Lab Sample ID: 880-38217-44

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		5.00		mg/Kg			01/25/24 17:35	1

Client Sample ID: SW-6 (1.5')

Lab Sample ID: 880-38217-45

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:41	01/27/24 18:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/24/24 14:41	01/27/24 18:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/24/24 14:41	01/27/24 18:08	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/24/24 14:41	01/27/24 18:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/24/24 14:41	01/27/24 18:08	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/24/24 14:41	01/27/24 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	01/24/24 14:41	01/27/24 18:08	1
1,4-Difluorobenzene (Surr)	79		70 - 130	01/24/24 14:41	01/27/24 18:08	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			01/27/24 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/30/24 01:28	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 *1	50.1		mg/Kg		01/23/24 13:07	01/30/24 01:28	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/23/24 13:07	01/30/24 01:28	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/23/24 13:07	01/30/24 01:28	1
Total TPH	<50.1	U	50.1		mg/Kg		01/23/24 13:07	01/30/24 01:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	149	S1+	70 - 130	01/23/24 13:07	01/30/24 01:28	1
o-Terphenyl	126		70 - 130	01/23/24 13:07	01/30/24 01:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		5.00		mg/Kg			01/25/24 17:42	1

Client Sample ID: SW-7 (1.5')

Lab Sample ID: 880-38217-46

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:41	01/27/24 18:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:41	01/27/24 18:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-7 (1.5')

Lab Sample ID: 880-38217-46

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:41	01/27/24 18:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/24/24 14:41	01/27/24 18:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/24/24 14:41	01/27/24 18:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/24/24 14:41	01/27/24 18:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				01/24/24 14:41	01/27/24 18:35	1
1,4-Difluorobenzene (Surr)	123		70 - 130				01/24/24 14:41	01/27/24 18:35	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			01/27/24 18:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/30/24 01:49	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	<50.1	U *1	50.1		mg/Kg		01/23/24 13:07	01/30/24 01:49	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/23/24 13:07	01/30/24 01:49	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/23/24 13:07	01/30/24 01:49	1
Total TPH	<50.1	U	50.1		mg/Kg		01/23/24 13:07	01/30/24 01:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				01/23/24 13:07	01/30/24 01:49	1
o-Terphenyl	105		70 - 130				01/23/24 13:07	01/30/24 01:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		4.98		mg/Kg			01/25/24 17:49	1

Client Sample ID: SW-8 (1.5')

Lab Sample ID: 880-38217-47

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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		01/24/24 14:41	01/27/24 19:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:41	01/27/24 19:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:41	01/27/24 19:01	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/24/24 14:41	01/27/24 19:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:41	01/27/24 19:01	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/24/24 14:41	01/27/24 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				01/24/24 14:41	01/27/24 19:01	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/24/24 14:41	01/27/24 19:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-8 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-47
Matrix: Solid

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			01/27/24 19:01	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			01/30/24 02:10	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		01/23/24 13:07	01/30/24 02:10	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/23/24 13:07	01/30/24 02:10	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/23/24 13:07	01/30/24 02:10	1	
Total TPH	<49.8	U	49.8		mg/Kg		01/23/24 13:07	01/30/24 02:10	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	131	S1+	70 - 130				01/23/24 13:07	01/30/24 02:10	1	
o-Terphenyl	106		70 - 130				01/23/24 13:07	01/30/24 02:10	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	121		5.03		mg/Kg			01/25/24 17:55	1	

Client Sample ID: SW-9 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-48
Matrix: Solid

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		01/24/24 14:41	01/27/24 19:27	1	
Toluene	<0.00202	U	0.00202		mg/Kg		01/24/24 14:41	01/27/24 19:27	1	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/24/24 14:41	01/27/24 19:27	1	
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/24/24 14:41	01/27/24 19:27	1	
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/24/24 14:41	01/27/24 19:27	1	
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/24/24 14:41	01/27/24 19:27	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	101		70 - 130				01/24/24 14:41	01/27/24 19:27	1	
1,4-Difluorobenzene (Surr)	91		70 - 130				01/24/24 14:41	01/27/24 19:27	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			01/27/24 19:27	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			01/30/24 02:30	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 *1	49.7		mg/Kg		01/23/24 13:07	01/30/24 02:30	1	

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-9 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-48
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/23/24 13:07	01/30/24 02:30	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/23/24 13:07	01/30/24 02:30	1	
Total TPH	<49.7	U	49.7		mg/Kg		01/23/24 13:07	01/30/24 02:30	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	129		70 - 130				01/23/24 13:07	01/30/24 02:30	1	
o-Terphenyl	106		70 - 130				01/23/24 13:07	01/30/24 02:30	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	123		5.04		mg/Kg			01/26/24 18:14	1	

Surrogate Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)
Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-38217-1	CS-1 (1.5')	80	94
880-38217-1 MS	CS-1 (1.5')	120	108
880-38217-1 MSD	CS-1 (1.5')	109	107
880-38217-2	CS-2 (1.5')	90	72
880-38217-3	CS-3 (1.5')	86	94
880-38217-4	CS-4 (1.5')	85	89
880-38217-5	CS-5 (1.5')	85	90
880-38217-6	CS-6 (1.5')	81	92
880-38217-7	CS-7 (1.5')	96	83
880-38217-8	CS-8 (1.5')	85	86
880-38217-9	CS-9 (1.5')	83	92
880-38217-10	CS-10 (1.5')	82	85
880-38217-11	CS-11 (1.5')	91	81
880-38217-12	CS-12 (1.5')	82	84
880-38217-13	CS-13 (1.5')	94	76
880-38217-14	CS-14 (1.5')	95	86
880-38217-15	CS-15 (1.5')	87	85
880-38217-16	CS-16 (1.5')	92	77
880-38217-17	CS-17 (1.5')	85	89
880-38217-18	CS-18 (1.5')	89	81
880-38217-19	CS-19 (1.5')	113	83
880-38217-19 MS	CS-19 (1.5')	90	100
880-38217-19 MSD	CS-19 (1.5')	134 S1+	122
880-38217-20	CS-20 (1.5')	103	104
880-38217-21	CS-21 (1.5')	102	88
880-38217-22	CS-22 (1.5')	110	121
880-38217-23	CS-23 (1.5')	113	87
880-38217-24	CS-24 (1.5')	53 S1-	101
880-38217-25	CS-25 (1.5')	94	87
880-38217-26	CS-26 (1.5')	118	96
880-38217-27	CS-27 (1.5')	102	98
880-38217-28	CS-28 (1.5')	91	86
880-38217-29	CS-29 (1.5')	88	75
880-38217-30	CS-30 (1.5')	137 S1+	102
880-38217-31	CS-31 (1.5')	95	104
880-38217-32	CS-32 (1.5')	98	115
880-38217-33	CS-33 (1.5')	99	100
880-38217-34	CS-34 (1.5')	85	105
880-38217-35	CS-35 (1.5')	111	107
880-38217-36	CS-36 (1.5')	103	117
880-38217-37	CS-37 (1.5')	131 S1+	119
880-38217-38	CS-38 (1.5')	117	132 S1+
880-38217-39	CS-39 (1.5')	82	94
880-38217-39 MS	CS-39 (1.5')	90	77
880-38217-39 MSD	CS-39 (1.5')	111	97
880-38217-40	SW-1 (1.5')	90	86
880-38217-41	SW-2 (1.5')	131 S1+	82
880-38217-42	SW-3 (1.5')	112	126
880-38217-43	SW-4 (1.5')	108	110

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-38217-1

Project/Site: Saints Booster

SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-38217-44	SW-5 (1.5')	90	89
880-38217-45	SW-6 (1.5')	88	79
880-38217-46	SW-7 (1.5')	109	123
880-38217-47	SW-8 (1.5')	112	109
880-38217-48	SW-9 (1.5')	101	91
LCS 880-71519/1-A	Lab Control Sample	117	112
LCS 880-71520/1-A	Lab Control Sample	95	90
LCS 880-71521/1-A	Lab Control Sample	101	104
LCSD 880-71519/2-A	Lab Control Sample Dup	117	121
LCSD 880-71520/2-A	Lab Control Sample Dup	121	113
LCSD 880-71521/2-A	Lab Control Sample Dup	113	101
MB 880-71430/5-A	Method Blank	60 S1-	109
MB 880-71519/5-A	Method Blank	73	91
MB 880-71520/5-A	Method Blank	64 S1-	96
MB 880-71521/5-A	Method Blank	58 S1-	114
MB 880-71671/5-A	Method Blank	73	91
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)
880-38169-A-1-F MS	Matrix Spike	114	83
880-38169-A-1-G MSD	Matrix Spike Duplicate	123	95
880-38217-1	CS-1 (1.5')	134 S1+	107
880-38217-1 MS	CS-1 (1.5')	148 S1+	109
880-38217-1 MSD	CS-1 (1.5')	148 S1+	106
880-38217-2	CS-2 (1.5')	129	105
880-38217-3	CS-3 (1.5')	135 S1+	110
880-38217-4	CS-4 (1.5')	131 S1+	104
880-38217-5	CS-5 (1.5')	133 S1+	107
880-38217-6	CS-6 (1.5')	130	109
880-38217-7	CS-7 (1.5')	136 S1+	117
880-38217-8	CS-8 (1.5')	139 S1+	119
880-38217-9	CS-9 (1.5')	145 S1+	117
880-38217-10	CS-10 (1.5')	138 S1+	113
880-38217-11	CS-11 (1.5')	133 S1+	114
880-38217-12	CS-12 (1.5')	134 S1+	114
880-38217-13	CS-13 (1.5')	125	105
880-38217-14	CS-14 (1.5')	125	107
880-38217-15	CS-15 (1.5')	135 S1+	114
880-38217-16	CS-16 (1.5')	126	107
880-38217-17	CS-17 (1.5')	158 S1+	128
880-38217-18	CS-18 (1.5')	153 S1+	127
880-38217-19	CS-19 (1.5')	141 S1+	117
880-38217-20	CS-20 (1.5')	140 S1+	115

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-38217-1

Project/Site: Saints Booster

SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-38217-21	CS-21 (1.5')	133 S1+	109
880-38217-21 MS	CS-21 (1.5')	132 S1+	98
880-38217-21 MSD	CS-21 (1.5')	128	98
880-38217-22	CS-22 (1.5')	144 S1+	120
880-38217-23	CS-23 (1.5')	130	106
880-38217-24	CS-24 (1.5')	128	105
880-38217-25	CS-25 (1.5')	150 S1+	119
880-38217-26	CS-26 (1.5')	138 S1+	115
880-38217-27	CS-27 (1.5')	137 S1+	110
880-38217-28	CS-28 (1.5')	152 S1+	125
880-38217-29	CS-29 (1.5')	134 S1+	112
880-38217-30	CS-30 (1.5')	147 S1+	122
880-38217-31	CS-31 (1.5')	144 S1+	121
880-38217-32	CS-32 (1.5')	134 S1+	109
880-38217-33	CS-33 (1.5')	147 S1+	111
880-38217-34	CS-34 (1.5')	130	103
880-38217-35	CS-35 (1.5')	125	105
880-38217-36	CS-36 (1.5')	147 S1+	124
880-38217-37	CS-37 (1.5')	139 S1+	117
880-38217-38	CS-38 (1.5')	144 S1+	116
880-38217-39	CS-39 (1.5')	147 S1+	122
880-38217-40	SW-1 (1.5')	143 S1+	115
880-38217-41	SW-2 (1.5')	136 S1+	113
880-38217-42	SW-3 (1.5')	127	104
880-38217-43	SW-4 (1.5')	130	106
880-38217-44	SW-5 (1.5')	128	101
880-38217-45	SW-6 (1.5')	149 S1+	126
880-38217-46	SW-7 (1.5')	129	105
880-38217-47	SW-8 (1.5')	131 S1+	106
880-38217-48	SW-9 (1.5')	129	106
LCS 880-71379/2-A	Lab Control Sample	84	72
LCS 880-71382/2-A	Lab Control Sample	89	77
LCS 880-71450/2-A	Lab Control Sample	80	71
LCSD 880-71379/3-A	Lab Control Sample Dup	89	89
LCSD 880-71382/3-A	Lab Control Sample Dup	95	95
LCSD 880-71450/3-A	Lab Control Sample Dup	90	93
MB 880-71379/1-A	Method Blank	124	107
MB 880-71382/1-A	Method Blank	125	102
MB 880-71450/1-A	Method Blank	124	105

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-71430/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 71659							Prep Batch: 71430		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 11:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/23/24 10:38	01/26/24 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/23/24 10:38	01/26/24 11:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/23/24 10:38	01/26/24 11:47	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	60	S1-	70 - 130				01/23/24 10:38	01/26/24 11:47	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/23/24 10:38	01/26/24 11:47	1

Lab Sample ID: MB 880-71519/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 71660							Prep Batch: 71519		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/26/24 23:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/26/24 23:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/26/24 23:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/24/24 14:35	01/26/24 23:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:35	01/26/24 23:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/24/24 14:35	01/26/24 23:19	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130				01/24/24 14:35	01/26/24 23:19	1
1,4-Difluorobenzene (Surr)	91		70 - 130				01/24/24 14:35	01/26/24 23:19	1

Lab Sample ID: LCS 880-71519/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 71660							Prep Batch: 71519		
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene		0.100	0.1053		mg/Kg		105	70 - 130	
Toluene		0.100	0.09661		mg/Kg		97	70 - 130	
Ethylbenzene		0.100	0.1081		mg/Kg		108	70 - 130	
m-Xylene & p-Xylene		0.200	0.2191		mg/Kg		110	70 - 130	
o-Xylene		0.100	0.1082		mg/Kg		108	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	117		70 - 130						
1,4-Difluorobenzene (Surr)	112		70 - 130						

Lab Sample ID: LCSD 880-71519/2-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 71660							Prep Batch: 71519			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene		0.100	0.1040		mg/Kg		104	70 - 130	1	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-71519/2-A

Matrix: Solid

Analysis Batch: 71660

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 71519

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Toluene	0.100	0.09308		mg/Kg		93	70 - 130	4		35
Ethylbenzene	0.100	0.1033		mg/Kg		103	70 - 130	5		35
m-Xylene & p-Xylene	0.200	0.2151		mg/Kg		108	70 - 130	2		35
o-Xylene	0.100	0.1067		mg/Kg		107	70 - 130	1		35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	121		70 - 130

Lab Sample ID: 880-38217-1 MS

Matrix: Solid

Analysis Batch: 71660

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 71519

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Benzene	<0.00201	U	0.0996	0.09408		mg/Kg		94	70 - 130			
Toluene	<0.00201	U	0.0996	0.08953		mg/Kg		90	70 - 130			
Ethylbenzene	<0.00201	U	0.0996	0.1035		mg/Kg		104	70 - 130			
m-Xylene & p-Xylene	<0.00402	U	0.199	0.2076		mg/Kg		104	70 - 130			
o-Xylene	<0.00201	U	0.0996	0.1011		mg/Kg		102	70 - 130			

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-38217-1 MSD

Matrix: Solid

Analysis Batch: 71660

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 71519

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Benzene	<0.00201	U	0.0990	0.09463		mg/Kg		96	70 - 130	1		35
Toluene	<0.00201	U	0.0990	0.09319		mg/Kg		94	70 - 130	4		35
Ethylbenzene	<0.00201	U	0.0990	0.1036		mg/Kg		105	70 - 130	0		35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.2011		mg/Kg		102	70 - 130	3		35
o-Xylene	<0.00201	U	0.0990	0.09760		mg/Kg		99	70 - 130	4		35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: MB 880-71520/5-A

Matrix: Solid

Analysis Batch: 71659

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71520

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 01:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 01:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 01:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/24/24 14:38	01/27/24 01:26	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-71520/5-A

Matrix: Solid

Analysis Batch: 71659

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71520

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:38	01/27/24 01:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/24/24 14:38	01/27/24 01:26	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	64	S1-	70 - 130	01/24/24 14:38	01/27/24 01:26	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/24/24 14:38	01/27/24 01:26	1

Lab Sample ID: LCS 880-71520/1-A

Matrix: Solid

Analysis Batch: 71659

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 71520

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.09387		mg/Kg		94	70 - 130
Toluene	0.100	0.1050		mg/Kg		105	70 - 130
Ethylbenzene	0.100	0.1008		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2480		mg/Kg		124	70 - 130
o-Xylene	0.100	0.1134		mg/Kg		113	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-71520/2-A

Matrix: Solid

Analysis Batch: 71659

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 71520

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1007		mg/Kg		101	70 - 130	7	35
Toluene	0.100	0.1062		mg/Kg		106	70 - 130	1	35
Ethylbenzene	0.100	0.1139		mg/Kg		114	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.2484		mg/Kg		124	70 - 130	0	35
o-Xylene	0.100	0.1165		mg/Kg		116	70 - 130	3	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 880-38217-19 MS

Matrix: Solid

Analysis Batch: 71659

Client Sample ID: CS-19 (1.5')

Prep Type: Total/NA

Prep Batch: 71520

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00200	U F2 F1	0.0996	0.05097	F1	mg/Kg		51	70 - 130
Toluene	<0.00200	U F2 F1	0.0996	0.05592	F1	mg/Kg		56	70 - 130
Ethylbenzene	<0.00200	U F2 F1	0.0996	0.05930	F1	mg/Kg		60	70 - 130
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.199	0.1378	F1	mg/Kg		69	70 - 130
o-Xylene	<0.00200	U	0.0996	0.07220		mg/Kg		72	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-38217-19 MS

Matrix: Solid

Analysis Batch: 71659

Client Sample ID: CS-19 (1.5')

Prep Type: Total/NA

Prep Batch: 71520

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-38217-19 MSD

Matrix: Solid

Analysis Batch: 71659

Client Sample ID: CS-19 (1.5')

Prep Type: Total/NA

Prep Batch: 71520

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.0990	0.1058	F2	mg/Kg		107	70 - 130	70	35
Toluene	<0.00200	U F2 F1	0.0990	0.09134	F2	mg/Kg		92	70 - 130	48	35
Ethylbenzene	<0.00200	U F2 F1	0.0990	0.09986	F2	mg/Kg		101	70 - 130	51	35
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.198	0.2321	F2	mg/Kg		117	70 - 130	51	35
o-Xylene	<0.00200	U	0.0990	0.09769		mg/Kg		99	70 - 130	30	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130
1,4-Difluorobenzene (Surr)	122		70 - 130

Lab Sample ID: MB 880-71521/5-A

Matrix: Solid

Analysis Batch: 71659

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71521

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:41	01/27/24 15:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:41	01/27/24 15:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:41	01/27/24 15:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/24/24 14:41	01/27/24 15:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/24/24 14:41	01/27/24 15:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/24/24 14:41	01/27/24 15:05	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	58	S1-	70 - 130	01/24/24 14:41	01/27/24 15:05	1
1,4-Difluorobenzene (Surr)	114		70 - 130	01/24/24 14:41	01/27/24 15:05	1

Lab Sample ID: LCS 880-71521/1-A

Matrix: Solid

Analysis Batch: 71659

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 71521

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09526		mg/Kg		95	70 - 130
Toluene	0.100	0.08872		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09946		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.2244		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1061		mg/Kg		106	70 - 130

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

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-71521/1-A
Matrix: Solid
Analysis Batch: 71659

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71521

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

Lab Sample ID: LCSD 880-71521/2-A
Matrix: Solid
Analysis Batch: 71659

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71521

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07946		mg/Kg		79	70 - 130	18	35
Toluene	0.100	0.09011		mg/Kg		90	70 - 130	2	35
Ethylbenzene	0.100	0.1009		mg/Kg		101	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2170		mg/Kg		109	70 - 130	3	35
o-Xylene	0.100	0.1054		mg/Kg		105	70 - 130	1	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-38217-39 MS
Matrix: Solid
Analysis Batch: 71659

Client Sample ID: CS-39 (1.5')
Prep Type: Total/NA
Prep Batch: 71521

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.0996	0.05096	F1	mg/Kg		51	70 - 130
Toluene	<0.00200	U F1	0.0996	0.06321	F1	mg/Kg		63	70 - 130
Ethylbenzene	<0.00200	U	0.0996	0.06970		mg/Kg		70	70 - 130
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.199	0.1124	F1	mg/Kg		56	70 - 130
o-Xylene	<0.00200	U F1	0.0996	0.06685	F1	mg/Kg		67	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	77		70 - 130

Lab Sample ID: 880-38217-39 MSD
Matrix: Solid
Analysis Batch: 71659

Client Sample ID: CS-39 (1.5')
Prep Type: Total/NA
Prep Batch: 71521

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0990	0.07073		mg/Kg		71	70 - 130	33	35
Toluene	<0.00200	U F1	0.0990	0.06827	F1	mg/Kg		69	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.0990	0.08157		mg/Kg		82	70 - 130	16	35
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.198	0.03742	F2 F1	mg/Kg		19	70 - 130	100	35
o-Xylene	<0.00200	U F1	0.0990	0.08266		mg/Kg		83	70 - 130	21	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-71671/5-A

Matrix: Solid

Analysis Batch: 71660

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/26/24 08:59	01/26/24 11:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/24 08:59	01/26/24 11:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/24 08:59	01/26/24 11:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/26/24 08:59	01/26/24 11:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/24 08:59	01/26/24 11:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/26/24 08:59	01/26/24 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130	01/26/24 08:59	01/26/24 11:11	1
1,4-Difluorobenzene (Surr)	91		70 - 130	01/26/24 08:59	01/26/24 11:11	1

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

Lab Sample ID: MB 880-71379/1-A

Matrix: Solid

Analysis Batch: 71910

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71379

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/22/24 17:41	01/30/24 07:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/24 17:41	01/30/24 07:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/24 17:41	01/30/24 07:54	1
Total TPH	<50.0	U	50.0		mg/Kg		01/22/24 17:41	01/30/24 07:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	01/22/24 17:41	01/30/24 07:54	1
o-Terphenyl	107		70 - 130	01/22/24 17:41	01/30/24 07:54	1

Lab Sample ID: LCS 880-71379/2-A

Matrix: Solid

Analysis Batch: 71910

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 71379

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1023		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	920.9		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	72		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-71379/3-A

Matrix: Solid

Analysis Batch: 71910

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 71379

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	958.6		mg/Kg		96	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	864.1		mg/Kg		86	70 - 130	6	20
	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	89		70 - 130						
o-Terphenyl	89		70 - 130						

Lab Sample ID: 880-38217-1 MS

Matrix: Solid

Analysis Batch: 71910

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 71379

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	<50.5	U	1010	895.3		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.5	U	1010	1246		mg/Kg		122	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	148	S1+	70 - 130								
o-Terphenyl	109		70 - 130								

Lab Sample ID: 880-38217-1 MSD

Matrix: Solid

Analysis Batch: 71910

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 71379

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	<50.5	U	1010	901.2		mg/Kg		89	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.5	U	1010	1242		mg/Kg		121	70 - 130	0	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	148	S1+	70 - 130								
o-Terphenyl	106		70 - 130								

Lab Sample ID: MB 880-71382/1-A

Matrix: Solid

Analysis Batch: 71910

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71382

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/22/24 17:44	01/30/24 19:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/24 17:44	01/30/24 19:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/24 17:44	01/30/24 19:10	1
Total TPH	<50.0	U	50.0		mg/Kg		01/22/24 17:44	01/30/24 19:10	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-71382/1-A
Matrix: Solid
Analysis Batch: 71910

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71382

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	01/22/24 17:44	01/30/24 19:10	1
o-Terphenyl	102		70 - 130	01/22/24 17:44	01/30/24 19:10	1

Lab Sample ID: LCS 880-71382/2-A
Matrix: Solid
Analysis Batch: 71910

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71382

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1090		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	990.7		mg/Kg		99	70 - 130		
Surrogate		LCS	LCS								
	%Recovery	Qualifier	Limits								
1-Chlorooctane	89		70 - 130								
o-Terphenyl	77		70 - 130								

Lab Sample ID: LCSD 880-71382/3-A
Matrix: Solid
Analysis Batch: 71910

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71382

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1018		mg/Kg		102	70 - 130	7	20	
Diesel Range Organics (Over C10-C28)			1000	923.1		mg/Kg		92	70 - 130	7	20	
Surrogate		LCSD	LCSD									
	%Recovery	Qualifier	Limits									
1-Chlorooctane	95		70 - 130									
o-Terphenyl	95		70 - 130									

Lab Sample ID: 880-38217-21 MS
Matrix: Solid
Analysis Batch: 71910

Client Sample ID: CS-21 (1.5')
Prep Type: Total/NA
Prep Batch: 71382

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1010	816.9		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	1010	1145		mg/Kg		111	70 - 130		
Surrogate		MS	MS								
	%Recovery	Qualifier	Limits								
1-Chlorooctane	132	S1+	70 - 130								
o-Terphenyl	98		70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-38217-21 MSD

Matrix: Solid

Analysis Batch: 71910

Client Sample ID: CS-21 (1.5')

Prep Type: Total/NA

Prep Batch: 71382

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	1010	805.1		mg/Kg		80	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1010	1139		mg/Kg		111	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	128		70 - 130								
o-Terphenyl	98		70 - 130								

Lab Sample ID: MB 880-71450/1-A

Matrix: Solid

Analysis Batch: 71766

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 71450

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/23/24 13:07	01/29/24 19:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/23/24 13:07	01/29/24 19:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/23/24 13:07	01/29/24 19:05	1
Total TPH	<50.0	U	50.0		mg/Kg		01/23/24 13:07	01/29/24 19:05	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				01/23/24 13:07	01/29/24 19:05	1
o-Terphenyl	105		70 - 130				01/23/24 13:07	01/29/24 19:05	1

Lab Sample ID: LCS 880-71450/2-A

Matrix: Solid

Analysis Batch: 71766

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 71450

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1170		mg/Kg		117	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	963.2		mg/Kg		96	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	80		70 - 130						
o-Terphenyl	71		70 - 130						

Lab Sample ID: LCSD 880-71450/3-A

Matrix: Solid

Analysis Batch: 71766

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 71450

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	918.4	*1	mg/Kg		92	70 - 130	24	20
Diesel Range Organics (Over C10-C28)	1000	1051		mg/Kg		105	70 - 130	9	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-71450/3-A
Matrix: Solid
Analysis Batch: 71766

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71450

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: 880-38169-A-1-F MS
Matrix: Solid
Analysis Batch: 71766

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 71450

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.5	U *1	999	1202		mg/Kg		117	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.5	U	999	900.0		mg/Kg		88	70 - 130	
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	114		70 - 130							
o-Terphenyl	83		70 - 130							

Lab Sample ID: 880-38169-A-1-G MSD
Matrix: Solid
Analysis Batch: 71766

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 71450

	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	<50.5	U *1	999	1248		mg/Kg		122	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)	<50.5	U	999	1031		mg/Kg		101	70 - 130	14	20	
	MSD	MSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	123		70 - 130									
o-Terphenyl	95		70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-71327/1-A
Matrix: Solid
Analysis Batch: 71553

Client Sample ID: Method Blank
Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			01/25/24 06:23		1

Lab Sample ID: LCS 880-71327/2-A
Matrix: Solid
Analysis Batch: 71553

Client Sample ID: Lab Control Sample
Prep Type: Soluble

	Spike	LCS	LCS					%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	250	255.0		mg/Kg		102	90 - 110		

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-71327/3-A

Matrix: Solid

Analysis Batch: 71553

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	253.8		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-38216-A-10-B MS

Matrix: Solid

Analysis Batch: 71553

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1170		252	1372	4	mg/Kg		82	90 - 110		

Lab Sample ID: 880-38216-A-10-C MSD

Matrix: Solid

Analysis Batch: 71553

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1170		252	1375	4	mg/Kg		83	90 - 110	0	20

Lab Sample ID: MB 880-71328/1-A

Matrix: Solid

Analysis Batch: 71554

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/25/24 10:22	1

Lab Sample ID: LCS 880-71328/2-A

Matrix: Solid

Analysis Batch: 71554

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	258.3		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-71328/3-A

Matrix: Solid

Analysis Batch: 71554

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.2		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-38217-8 MS

Matrix: Solid

Analysis Batch: 71554

Client Sample ID: CS-8 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1780	F1	1250	3239	F1	mg/Kg		117	90 - 110		

Lab Sample ID: 880-38217-8 MSD

Matrix: Solid

Analysis Batch: 71554

Client Sample ID: CS-8 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1780	F1	1250	3247	F1	mg/Kg		118	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-38217-18 MS

Matrix: Solid

Analysis Batch: 71554

Client Sample ID: CS-18 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1470	F1	1240	2878	F1	mg/Kg		114	90 - 110

Lab Sample ID: 880-38217-18 MSD

Matrix: Solid

Analysis Batch: 71554

Client Sample ID: CS-18 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1470	F1	1240	2875	F1	mg/Kg		113	90 - 110	0	20

Lab Sample ID: MB 880-71330/1-A

Matrix: Solid

Analysis Batch: 71555

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/25/24 14:23	1

Lab Sample ID: LCS 880-71330/2-A

Matrix: Solid

Analysis Batch: 71555

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	260.0		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-71330/3-A

Matrix: Solid

Analysis Batch: 71555

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	259.5		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-38217-28 MS

Matrix: Solid

Analysis Batch: 71555

Client Sample ID: CS-28 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2150	F1	1240	3666	F1	mg/Kg		122	90 - 110

Lab Sample ID: 880-38217-28 MSD

Matrix: Solid

Analysis Batch: 71555

Client Sample ID: CS-28 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2150	F1	1240	3681	F1	mg/Kg		123	90 - 110	0	20

Lab Sample ID: 880-38217-38 MS

Matrix: Solid

Analysis Batch: 71555

Client Sample ID: CS-38 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2250	F1	1260	3775	F1	mg/Kg		121	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-38217-38 MSD

Matrix: Solid

Analysis Batch: 71555

Client Sample ID: CS-38 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2250	F1	1260	3773	F1	mg/Kg		121	90 - 110	0	20

Lab Sample ID: MB 880-71381/1-A

Matrix: Solid

Analysis Batch: 71575

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/26/24 10:55	1

Lab Sample ID: LCS 880-71381/2-A

Matrix: Solid

Analysis Batch: 71575

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	268.5		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-71381/3-A

Matrix: Solid

Analysis Batch: 71575

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	269.0		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 880-38205-A-3-C MS

Matrix: Solid

Analysis Batch: 71575

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	6.98	F1	251	289.2	F1	mg/Kg		113	90 - 110

Lab Sample ID: 880-38205-A-3-D MSD

Matrix: Solid

Analysis Batch: 71575

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6.98	F1	251	287.6	F1	mg/Kg		112	90 - 110	1	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 71430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-71430/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 71519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-1	CS-1 (1.5')	Total/NA	Solid	5035	
880-38217-2	CS-2 (1.5')	Total/NA	Solid	5035	
880-38217-3	CS-3 (1.5')	Total/NA	Solid	5035	
880-38217-4	CS-4 (1.5')	Total/NA	Solid	5035	
880-38217-5	CS-5 (1.5')	Total/NA	Solid	5035	
880-38217-6	CS-6 (1.5')	Total/NA	Solid	5035	
880-38217-7	CS-7 (1.5')	Total/NA	Solid	5035	
880-38217-8	CS-8 (1.5')	Total/NA	Solid	5035	
880-38217-9	CS-9 (1.5')	Total/NA	Solid	5035	
880-38217-10	CS-10 (1.5')	Total/NA	Solid	5035	
880-38217-11	CS-11 (1.5')	Total/NA	Solid	5035	
880-38217-12	CS-12 (1.5')	Total/NA	Solid	5035	
880-38217-13	CS-13 (1.5')	Total/NA	Solid	5035	
880-38217-14	CS-14 (1.5')	Total/NA	Solid	5035	
880-38217-15	CS-15 (1.5')	Total/NA	Solid	5035	
880-38217-16	CS-16 (1.5')	Total/NA	Solid	5035	
880-38217-17	CS-17 (1.5')	Total/NA	Solid	5035	
880-38217-18	CS-18 (1.5')	Total/NA	Solid	5035	
MB 880-71519/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71519/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71519/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38217-1 MS	CS-1 (1.5')	Total/NA	Solid	5035	
880-38217-1 MSD	CS-1 (1.5')	Total/NA	Solid	5035	

Prep Batch: 71520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-19	CS-19 (1.5')	Total/NA	Solid	5035	
880-38217-20	CS-20 (1.5')	Total/NA	Solid	5035	
880-38217-21	CS-21 (1.5')	Total/NA	Solid	5035	
880-38217-22	CS-22 (1.5')	Total/NA	Solid	5035	
880-38217-23	CS-23 (1.5')	Total/NA	Solid	5035	
880-38217-24	CS-24 (1.5')	Total/NA	Solid	5035	
880-38217-25	CS-25 (1.5')	Total/NA	Solid	5035	
880-38217-26	CS-26 (1.5')	Total/NA	Solid	5035	
880-38217-27	CS-27 (1.5')	Total/NA	Solid	5035	
880-38217-28	CS-28 (1.5')	Total/NA	Solid	5035	
880-38217-29	CS-29 (1.5')	Total/NA	Solid	5035	
880-38217-30	CS-30 (1.5')	Total/NA	Solid	5035	
880-38217-31	CS-31 (1.5')	Total/NA	Solid	5035	
880-38217-32	CS-32 (1.5')	Total/NA	Solid	5035	
880-38217-33	CS-33 (1.5')	Total/NA	Solid	5035	
880-38217-34	CS-34 (1.5')	Total/NA	Solid	5035	
880-38217-35	CS-35 (1.5')	Total/NA	Solid	5035	
880-38217-36	CS-36 (1.5')	Total/NA	Solid	5035	
880-38217-37	CS-37 (1.5')	Total/NA	Solid	5035	
880-38217-38	CS-38 (1.5')	Total/NA	Solid	5035	
MB 880-71520/5-A	Method Blank	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 71520 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-71520/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71520/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38217-19 MS	CS-19 (1.5')	Total/NA	Solid	5035	
880-38217-19 MSD	CS-19 (1.5')	Total/NA	Solid	5035	

Prep Batch: 71521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-39	CS-39 (1.5')	Total/NA	Solid	5035	
880-38217-40	SW-1 (1.5')	Total/NA	Solid	5035	
880-38217-41	SW-2 (1.5')	Total/NA	Solid	5035	
880-38217-42	SW-3 (1.5')	Total/NA	Solid	5035	
880-38217-43	SW-4 (1.5')	Total/NA	Solid	5035	
880-38217-44	SW-5 (1.5')	Total/NA	Solid	5035	
880-38217-45	SW-6 (1.5')	Total/NA	Solid	5035	
880-38217-46	SW-7 (1.5')	Total/NA	Solid	5035	
880-38217-47	SW-8 (1.5')	Total/NA	Solid	5035	
880-38217-48	SW-9 (1.5')	Total/NA	Solid	5035	
MB 880-71521/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71521/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71521/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38217-39 MS	CS-39 (1.5')	Total/NA	Solid	5035	
880-38217-39 MSD	CS-39 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 71659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-19	CS-19 (1.5')	Total/NA	Solid	8021B	71520
880-38217-20	CS-20 (1.5')	Total/NA	Solid	8021B	71520
880-38217-21	CS-21 (1.5')	Total/NA	Solid	8021B	71520
880-38217-22	CS-22 (1.5')	Total/NA	Solid	8021B	71520
880-38217-23	CS-23 (1.5')	Total/NA	Solid	8021B	71520
880-38217-24	CS-24 (1.5')	Total/NA	Solid	8021B	71520
880-38217-25	CS-25 (1.5')	Total/NA	Solid	8021B	71520
880-38217-26	CS-26 (1.5')	Total/NA	Solid	8021B	71520
880-38217-27	CS-27 (1.5')	Total/NA	Solid	8021B	71520
880-38217-28	CS-28 (1.5')	Total/NA	Solid	8021B	71520
880-38217-29	CS-29 (1.5')	Total/NA	Solid	8021B	71520
880-38217-30	CS-30 (1.5')	Total/NA	Solid	8021B	71520
880-38217-31	CS-31 (1.5')	Total/NA	Solid	8021B	71520
880-38217-32	CS-32 (1.5')	Total/NA	Solid	8021B	71520
880-38217-33	CS-33 (1.5')	Total/NA	Solid	8021B	71520
880-38217-34	CS-34 (1.5')	Total/NA	Solid	8021B	71520
880-38217-35	CS-35 (1.5')	Total/NA	Solid	8021B	71520
880-38217-36	CS-36 (1.5')	Total/NA	Solid	8021B	71520
880-38217-37	CS-37 (1.5')	Total/NA	Solid	8021B	71520
880-38217-38	CS-38 (1.5')	Total/NA	Solid	8021B	71520
880-38217-39	CS-39 (1.5')	Total/NA	Solid	8021B	71521
880-38217-40	SW-1 (1.5')	Total/NA	Solid	8021B	71521
880-38217-41	SW-2 (1.5')	Total/NA	Solid	8021B	71521
880-38217-42	SW-3 (1.5')	Total/NA	Solid	8021B	71521
880-38217-43	SW-4 (1.5')	Total/NA	Solid	8021B	71521
880-38217-44	SW-5 (1.5')	Total/NA	Solid	8021B	71521

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 71659 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-45	SW-6 (1.5')	Total/NA	Solid	8021B	71521
880-38217-46	SW-7 (1.5')	Total/NA	Solid	8021B	71521
880-38217-47	SW-8 (1.5')	Total/NA	Solid	8021B	71521
880-38217-48	SW-9 (1.5')	Total/NA	Solid	8021B	71521
MB 880-71430/5-A	Method Blank	Total/NA	Solid	8021B	71430
MB 880-71520/5-A	Method Blank	Total/NA	Solid	8021B	71520
MB 880-71521/5-A	Method Blank	Total/NA	Solid	8021B	71521
LCS 880-71520/1-A	Lab Control Sample	Total/NA	Solid	8021B	71520
LCS 880-71521/1-A	Lab Control Sample	Total/NA	Solid	8021B	71521
LCSD 880-71520/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71520
LCSD 880-71521/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71521
880-38217-19 MS	CS-19 (1.5')	Total/NA	Solid	8021B	71520
880-38217-19 MSD	CS-19 (1.5')	Total/NA	Solid	8021B	71520
880-38217-39 MS	CS-39 (1.5')	Total/NA	Solid	8021B	71521
880-38217-39 MSD	CS-39 (1.5')	Total/NA	Solid	8021B	71521

Analysis Batch: 71660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-1	CS-1 (1.5')	Total/NA	Solid	8021B	71519
880-38217-2	CS-2 (1.5')	Total/NA	Solid	8021B	71519
880-38217-3	CS-3 (1.5')	Total/NA	Solid	8021B	71519
880-38217-4	CS-4 (1.5')	Total/NA	Solid	8021B	71519
880-38217-5	CS-5 (1.5')	Total/NA	Solid	8021B	71519
880-38217-6	CS-6 (1.5')	Total/NA	Solid	8021B	71519
880-38217-7	CS-7 (1.5')	Total/NA	Solid	8021B	71519
880-38217-8	CS-8 (1.5')	Total/NA	Solid	8021B	71519
880-38217-9	CS-9 (1.5')	Total/NA	Solid	8021B	71519
880-38217-10	CS-10 (1.5')	Total/NA	Solid	8021B	71519
880-38217-11	CS-11 (1.5')	Total/NA	Solid	8021B	71519
880-38217-12	CS-12 (1.5')	Total/NA	Solid	8021B	71519
880-38217-13	CS-13 (1.5')	Total/NA	Solid	8021B	71519
880-38217-14	CS-14 (1.5')	Total/NA	Solid	8021B	71519
880-38217-15	CS-15 (1.5')	Total/NA	Solid	8021B	71519
880-38217-16	CS-16 (1.5')	Total/NA	Solid	8021B	71519
880-38217-17	CS-17 (1.5')	Total/NA	Solid	8021B	71519
880-38217-18	CS-18 (1.5')	Total/NA	Solid	8021B	71519
MB 880-71519/5-A	Method Blank	Total/NA	Solid	8021B	71519
MB 880-71671/5-A	Method Blank	Total/NA	Solid	8021B	71671
LCS 880-71519/1-A	Lab Control Sample	Total/NA	Solid	8021B	71519
LCSD 880-71519/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71519
880-38217-1 MS	CS-1 (1.5')	Total/NA	Solid	8021B	71519
880-38217-1 MSD	CS-1 (1.5')	Total/NA	Solid	8021B	71519

Prep Batch: 71671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-71671/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 71784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-1	CS-1 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-2	CS-2 (1.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 71784 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-3	CS-3 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-4	CS-4 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-5	CS-5 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-6	CS-6 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-7	CS-7 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-8	CS-8 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-9	CS-9 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-10	CS-10 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-11	CS-11 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-12	CS-12 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-13	CS-13 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-14	CS-14 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-15	CS-15 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-16	CS-16 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-17	CS-17 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-18	CS-18 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-19	CS-19 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-20	CS-20 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-21	CS-21 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-22	CS-22 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-23	CS-23 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-24	CS-24 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-25	CS-25 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-26	CS-26 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-27	CS-27 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-28	CS-28 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-29	CS-29 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-30	CS-30 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-31	CS-31 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-32	CS-32 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-33	CS-33 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-34	CS-34 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-35	CS-35 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-36	CS-36 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-37	CS-37 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-38	CS-38 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-39	CS-39 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-40	SW-1 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-41	SW-2 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-42	SW-3 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-43	SW-4 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-44	SW-5 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-45	SW-6 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-46	SW-7 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-47	SW-8 (1.5')	Total/NA	Solid	Total BTEX	
880-38217-48	SW-9 (1.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

GC Semi VOA

Prep Batch: 71379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-1	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-2	CS-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-3	CS-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-4	CS-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-5	CS-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-6	CS-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-7	CS-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-8	CS-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-9	CS-9 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-10	CS-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-11	CS-11 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-12	CS-12 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-13	CS-13 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-14	CS-14 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-15	CS-15 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-16	CS-16 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-17	CS-17 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-18	CS-18 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-19	CS-19 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-20	CS-20 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-71379/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-71379/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-71379/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-38217-1 MS	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-1 MSD	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 71382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-21	CS-21 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-22	CS-22 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-23	CS-23 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-24	CS-24 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-25	CS-25 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-26	CS-26 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-27	CS-27 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-28	CS-28 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-29	CS-29 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-30	CS-30 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-31	CS-31 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-32	CS-32 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-33	CS-33 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-34	CS-34 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-35	CS-35 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-36	CS-36 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-37	CS-37 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-38	CS-38 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-39	CS-39 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-40	SW-1 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-71382/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-71382/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-71382/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 71382 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-21 MS	CS-21 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-21 MSD	CS-21 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 71450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-41	SW-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-42	SW-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-43	SW-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-44	SW-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-45	SW-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-46	SW-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-47	SW-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-38217-48	SW-9 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-71450/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-71450/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-71450/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-38169-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-38169-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 71766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-41	SW-2 (1.5')	Total/NA	Solid	8015B NM	71450
880-38217-42	SW-3 (1.5')	Total/NA	Solid	8015B NM	71450
880-38217-43	SW-4 (1.5')	Total/NA	Solid	8015B NM	71450
880-38217-44	SW-5 (1.5')	Total/NA	Solid	8015B NM	71450
880-38217-45	SW-6 (1.5')	Total/NA	Solid	8015B NM	71450
880-38217-46	SW-7 (1.5')	Total/NA	Solid	8015B NM	71450
880-38217-47	SW-8 (1.5')	Total/NA	Solid	8015B NM	71450
880-38217-48	SW-9 (1.5')	Total/NA	Solid	8015B NM	71450
MB 880-71450/1-A	Method Blank	Total/NA	Solid	8015B NM	71450
LCS 880-71450/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	71450
LCSD 880-71450/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	71450
880-38169-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	71450
880-38169-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	71450

Analysis Batch: 71910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-1	CS-1 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-2	CS-2 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-3	CS-3 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-4	CS-4 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-5	CS-5 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-6	CS-6 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-7	CS-7 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-8	CS-8 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-9	CS-9 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-10	CS-10 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-11	CS-11 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-12	CS-12 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-13	CS-13 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-14	CS-14 (1.5')	Total/NA	Solid	8015B NM	71379

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 71910 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-15	CS-15 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-16	CS-16 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-17	CS-17 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-18	CS-18 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-19	CS-19 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-20	CS-20 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-21	CS-21 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-22	CS-22 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-23	CS-23 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-24	CS-24 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-25	CS-25 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-26	CS-26 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-27	CS-27 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-28	CS-28 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-29	CS-29 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-30	CS-30 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-31	CS-31 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-32	CS-32 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-33	CS-33 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-34	CS-34 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-35	CS-35 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-36	CS-36 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-37	CS-37 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-38	CS-38 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-39	CS-39 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-40	SW-1 (1.5')	Total/NA	Solid	8015B NM	71382
MB 880-71379/1-A	Method Blank	Total/NA	Solid	8015B NM	71379
MB 880-71382/1-A	Method Blank	Total/NA	Solid	8015B NM	71382
LCS 880-71379/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	71379
LCS 880-71382/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	71382
LCSD 880-71379/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	71379
LCSD 880-71382/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	71382
880-38217-1 MS	CS-1 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-1 MSD	CS-1 (1.5')	Total/NA	Solid	8015B NM	71379
880-38217-21 MS	CS-21 (1.5')	Total/NA	Solid	8015B NM	71382
880-38217-21 MSD	CS-21 (1.5')	Total/NA	Solid	8015B NM	71382

Analysis Batch: 71928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-1	CS-1 (1.5')	Total/NA	Solid	8015 NM	
880-38217-2	CS-2 (1.5')	Total/NA	Solid	8015 NM	
880-38217-3	CS-3 (1.5')	Total/NA	Solid	8015 NM	
880-38217-4	CS-4 (1.5')	Total/NA	Solid	8015 NM	
880-38217-5	CS-5 (1.5')	Total/NA	Solid	8015 NM	
880-38217-6	CS-6 (1.5')	Total/NA	Solid	8015 NM	
880-38217-7	CS-7 (1.5')	Total/NA	Solid	8015 NM	
880-38217-8	CS-8 (1.5')	Total/NA	Solid	8015 NM	
880-38217-9	CS-9 (1.5')	Total/NA	Solid	8015 NM	
880-38217-10	CS-10 (1.5')	Total/NA	Solid	8015 NM	
880-38217-11	CS-11 (1.5')	Total/NA	Solid	8015 NM	
880-38217-12	CS-12 (1.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 71928 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-13	CS-13 (1.5')	Total/NA	Solid	8015 NM	
880-38217-14	CS-14 (1.5')	Total/NA	Solid	8015 NM	
880-38217-15	CS-15 (1.5')	Total/NA	Solid	8015 NM	
880-38217-16	CS-16 (1.5')	Total/NA	Solid	8015 NM	
880-38217-17	CS-17 (1.5')	Total/NA	Solid	8015 NM	
880-38217-18	CS-18 (1.5')	Total/NA	Solid	8015 NM	
880-38217-19	CS-19 (1.5')	Total/NA	Solid	8015 NM	
880-38217-20	CS-20 (1.5')	Total/NA	Solid	8015 NM	
880-38217-21	CS-21 (1.5')	Total/NA	Solid	8015 NM	
880-38217-22	CS-22 (1.5')	Total/NA	Solid	8015 NM	
880-38217-23	CS-23 (1.5')	Total/NA	Solid	8015 NM	
880-38217-24	CS-24 (1.5')	Total/NA	Solid	8015 NM	
880-38217-25	CS-25 (1.5')	Total/NA	Solid	8015 NM	
880-38217-26	CS-26 (1.5')	Total/NA	Solid	8015 NM	
880-38217-27	CS-27 (1.5')	Total/NA	Solid	8015 NM	
880-38217-28	CS-28 (1.5')	Total/NA	Solid	8015 NM	
880-38217-29	CS-29 (1.5')	Total/NA	Solid	8015 NM	
880-38217-30	CS-30 (1.5')	Total/NA	Solid	8015 NM	
880-38217-31	CS-31 (1.5')	Total/NA	Solid	8015 NM	
880-38217-32	CS-32 (1.5')	Total/NA	Solid	8015 NM	
880-38217-33	CS-33 (1.5')	Total/NA	Solid	8015 NM	
880-38217-34	CS-34 (1.5')	Total/NA	Solid	8015 NM	
880-38217-35	CS-35 (1.5')	Total/NA	Solid	8015 NM	
880-38217-36	CS-36 (1.5')	Total/NA	Solid	8015 NM	
880-38217-37	CS-37 (1.5')	Total/NA	Solid	8015 NM	
880-38217-38	CS-38 (1.5')	Total/NA	Solid	8015 NM	
880-38217-39	CS-39 (1.5')	Total/NA	Solid	8015 NM	
880-38217-40	SW-1 (1.5')	Total/NA	Solid	8015 NM	
880-38217-41	SW-2 (1.5')	Total/NA	Solid	8015 NM	
880-38217-42	SW-3 (1.5')	Total/NA	Solid	8015 NM	
880-38217-43	SW-4 (1.5')	Total/NA	Solid	8015 NM	
880-38217-44	SW-5 (1.5')	Total/NA	Solid	8015 NM	
880-38217-45	SW-6 (1.5')	Total/NA	Solid	8015 NM	
880-38217-46	SW-7 (1.5')	Total/NA	Solid	8015 NM	
880-38217-47	SW-8 (1.5')	Total/NA	Solid	8015 NM	
880-38217-48	SW-9 (1.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 71327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-1	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-38217-2	CS-2 (1.5')	Soluble	Solid	DI Leach	
880-38217-3	CS-3 (1.5')	Soluble	Solid	DI Leach	
880-38217-4	CS-4 (1.5')	Soluble	Solid	DI Leach	
880-38217-5	CS-5 (1.5')	Soluble	Solid	DI Leach	
880-38217-6	CS-6 (1.5')	Soluble	Solid	DI Leach	
880-38217-7	CS-7 (1.5')	Soluble	Solid	DI Leach	
MB 880-71327/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-71327/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-71327/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 71327 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38216-A-10-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-38216-A-10-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 71328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-8	CS-8 (1.5')	Soluble	Solid	DI Leach	
880-38217-9	CS-9 (1.5')	Soluble	Solid	DI Leach	
880-38217-10	CS-10 (1.5')	Soluble	Solid	DI Leach	
880-38217-11	CS-11 (1.5')	Soluble	Solid	DI Leach	
880-38217-12	CS-12 (1.5')	Soluble	Solid	DI Leach	
880-38217-13	CS-13 (1.5')	Soluble	Solid	DI Leach	
880-38217-14	CS-14 (1.5')	Soluble	Solid	DI Leach	
880-38217-15	CS-15 (1.5')	Soluble	Solid	DI Leach	
880-38217-16	CS-16 (1.5')	Soluble	Solid	DI Leach	
880-38217-17	CS-17 (1.5')	Soluble	Solid	DI Leach	
880-38217-18	CS-18 (1.5')	Soluble	Solid	DI Leach	
880-38217-19	CS-19 (1.5')	Soluble	Solid	DI Leach	
880-38217-20	CS-20 (1.5')	Soluble	Solid	DI Leach	
880-38217-21	CS-21 (1.5')	Soluble	Solid	DI Leach	
880-38217-22	CS-22 (1.5')	Soluble	Solid	DI Leach	
880-38217-23	CS-23 (1.5')	Soluble	Solid	DI Leach	
880-38217-24	CS-24 (1.5')	Soluble	Solid	DI Leach	
880-38217-25	CS-25 (1.5')	Soluble	Solid	DI Leach	
880-38217-26	CS-26 (1.5')	Soluble	Solid	DI Leach	
880-38217-27	CS-27 (1.5')	Soluble	Solid	DI Leach	
MB 880-71328/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-71328/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-71328/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-38217-8 MS	CS-8 (1.5')	Soluble	Solid	DI Leach	
880-38217-8 MSD	CS-8 (1.5')	Soluble	Solid	DI Leach	
880-38217-18 MS	CS-18 (1.5')	Soluble	Solid	DI Leach	
880-38217-18 MSD	CS-18 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 71330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-28	CS-28 (1.5')	Soluble	Solid	DI Leach	
880-38217-29	CS-29 (1.5')	Soluble	Solid	DI Leach	
880-38217-30	CS-30 (1.5')	Soluble	Solid	DI Leach	
880-38217-31	CS-31 (1.5')	Soluble	Solid	DI Leach	
880-38217-32	CS-32 (1.5')	Soluble	Solid	DI Leach	
880-38217-33	CS-33 (1.5')	Soluble	Solid	DI Leach	
880-38217-34	CS-34 (1.5')	Soluble	Solid	DI Leach	
880-38217-35	CS-35 (1.5')	Soluble	Solid	DI Leach	
880-38217-36	CS-36 (1.5')	Soluble	Solid	DI Leach	
880-38217-37	CS-37 (1.5')	Soluble	Solid	DI Leach	
880-38217-38	CS-38 (1.5')	Soluble	Solid	DI Leach	
880-38217-39	CS-39 (1.5')	Soluble	Solid	DI Leach	
880-38217-40	SW-1 (1.5')	Soluble	Solid	DI Leach	
880-38217-41	SW-2 (1.5')	Soluble	Solid	DI Leach	
880-38217-42	SW-3 (1.5')	Soluble	Solid	DI Leach	
880-38217-43	SW-4 (1.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 71330 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-44	SW-5 (1.5')	Soluble	Solid	DI Leach	
880-38217-45	SW-6 (1.5')	Soluble	Solid	DI Leach	
880-38217-46	SW-7 (1.5')	Soluble	Solid	DI Leach	
880-38217-47	SW-8 (1.5')	Soluble	Solid	DI Leach	
MB 880-71330/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-71330/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-71330/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-38217-28 MS	CS-28 (1.5')	Soluble	Solid	DI Leach	
880-38217-28 MSD	CS-28 (1.5')	Soluble	Solid	DI Leach	
880-38217-38 MS	CS-38 (1.5')	Soluble	Solid	DI Leach	
880-38217-38 MSD	CS-38 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 71381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-48	SW-9 (1.5')	Soluble	Solid	DI Leach	
MB 880-71381/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-71381/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-71381/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-38205-A-3-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-38205-A-3-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 71553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-1	CS-1 (1.5')	Soluble	Solid	300.0	71327
880-38217-2	CS-2 (1.5')	Soluble	Solid	300.0	71327
880-38217-3	CS-3 (1.5')	Soluble	Solid	300.0	71327
880-38217-4	CS-4 (1.5')	Soluble	Solid	300.0	71327
880-38217-5	CS-5 (1.5')	Soluble	Solid	300.0	71327
880-38217-6	CS-6 (1.5')	Soluble	Solid	300.0	71327
880-38217-7	CS-7 (1.5')	Soluble	Solid	300.0	71327
MB 880-71327/1-A	Method Blank	Soluble	Solid	300.0	71327
LCS 880-71327/2-A	Lab Control Sample	Soluble	Solid	300.0	71327
LCSD 880-71327/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	71327
880-38216-A-10-B MS	Matrix Spike	Soluble	Solid	300.0	71327
880-38216-A-10-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	71327

Analysis Batch: 71554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-8	CS-8 (1.5')	Soluble	Solid	300.0	71328
880-38217-9	CS-9 (1.5')	Soluble	Solid	300.0	71328
880-38217-10	CS-10 (1.5')	Soluble	Solid	300.0	71328
880-38217-11	CS-11 (1.5')	Soluble	Solid	300.0	71328
880-38217-12	CS-12 (1.5')	Soluble	Solid	300.0	71328
880-38217-13	CS-13 (1.5')	Soluble	Solid	300.0	71328
880-38217-14	CS-14 (1.5')	Soluble	Solid	300.0	71328
880-38217-15	CS-15 (1.5')	Soluble	Solid	300.0	71328
880-38217-16	CS-16 (1.5')	Soluble	Solid	300.0	71328
880-38217-17	CS-17 (1.5')	Soluble	Solid	300.0	71328
880-38217-18	CS-18 (1.5')	Soluble	Solid	300.0	71328
880-38217-19	CS-19 (1.5')	Soluble	Solid	300.0	71328
880-38217-20	CS-20 (1.5')	Soluble	Solid	300.0	71328

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 71554 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-21	CS-21 (1.5')	Soluble	Solid	300.0	71328
880-38217-22	CS-22 (1.5')	Soluble	Solid	300.0	71328
880-38217-23	CS-23 (1.5')	Soluble	Solid	300.0	71328
880-38217-24	CS-24 (1.5')	Soluble	Solid	300.0	71328
880-38217-25	CS-25 (1.5')	Soluble	Solid	300.0	71328
880-38217-26	CS-26 (1.5')	Soluble	Solid	300.0	71328
880-38217-27	CS-27 (1.5')	Soluble	Solid	300.0	71328
MB 880-71328/1-A	Method Blank	Soluble	Solid	300.0	71328
LCS 880-71328/2-A	Lab Control Sample	Soluble	Solid	300.0	71328
LCSD 880-71328/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	71328
880-38217-8 MS	CS-8 (1.5')	Soluble	Solid	300.0	71328
880-38217-8 MSD	CS-8 (1.5')	Soluble	Solid	300.0	71328
880-38217-18 MS	CS-18 (1.5')	Soluble	Solid	300.0	71328
880-38217-18 MSD	CS-18 (1.5')	Soluble	Solid	300.0	71328

Analysis Batch: 71555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-28	CS-28 (1.5')	Soluble	Solid	300.0	71330
880-38217-29	CS-29 (1.5')	Soluble	Solid	300.0	71330
880-38217-30	CS-30 (1.5')	Soluble	Solid	300.0	71330
880-38217-31	CS-31 (1.5')	Soluble	Solid	300.0	71330
880-38217-32	CS-32 (1.5')	Soluble	Solid	300.0	71330
880-38217-33	CS-33 (1.5')	Soluble	Solid	300.0	71330
880-38217-34	CS-34 (1.5')	Soluble	Solid	300.0	71330
880-38217-35	CS-35 (1.5')	Soluble	Solid	300.0	71330
880-38217-36	CS-36 (1.5')	Soluble	Solid	300.0	71330
880-38217-37	CS-37 (1.5')	Soluble	Solid	300.0	71330
880-38217-38	CS-38 (1.5')	Soluble	Solid	300.0	71330
880-38217-39	CS-39 (1.5')	Soluble	Solid	300.0	71330
880-38217-40	SW-1 (1.5')	Soluble	Solid	300.0	71330
880-38217-41	SW-2 (1.5')	Soluble	Solid	300.0	71330
880-38217-42	SW-3 (1.5')	Soluble	Solid	300.0	71330
880-38217-43	SW-4 (1.5')	Soluble	Solid	300.0	71330
880-38217-44	SW-5 (1.5')	Soluble	Solid	300.0	71330
880-38217-45	SW-6 (1.5')	Soluble	Solid	300.0	71330
880-38217-46	SW-7 (1.5')	Soluble	Solid	300.0	71330
880-38217-47	SW-8 (1.5')	Soluble	Solid	300.0	71330
MB 880-71330/1-A	Method Blank	Soluble	Solid	300.0	71330
LCS 880-71330/2-A	Lab Control Sample	Soluble	Solid	300.0	71330
LCSD 880-71330/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	71330
880-38217-28 MS	CS-28 (1.5')	Soluble	Solid	300.0	71330
880-38217-28 MSD	CS-28 (1.5')	Soluble	Solid	300.0	71330
880-38217-38 MS	CS-38 (1.5')	Soluble	Solid	300.0	71330
880-38217-38 MSD	CS-38 (1.5')	Soluble	Solid	300.0	71330

Analysis Batch: 71575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38217-48	SW-9 (1.5')	Soluble	Solid	300.0	71381
MB 880-71381/1-A	Method Blank	Soluble	Solid	300.0	71381
LCS 880-71381/2-A	Lab Control Sample	Soluble	Solid	300.0	71381
LCSD 880-71381/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	71381

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 71575 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38205-A-3-C MS	Matrix Spike	Soluble	Solid	300.0	71381
880-38205-A-3-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	71381

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

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-38217-1

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/26/24 23:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/26/24 23:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 10:25	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 10:25	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71327	01/22/24 12:56	SMC	EET MID
Soluble	Analysis	300.0		5			71553	01/25/24 09:07	CH	EET MID

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-38217-2

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/27/24 00:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 00:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 11:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 11:30	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	71327	01/22/24 12:56	SMC	EET MID
Soluble	Analysis	300.0		5			71553	01/25/24 09:14	CH	EET MID

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-38217-3

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/27/24 00:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 00:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 11:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 11:52	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71327	01/22/24 12:56	SMC	EET MID
Soluble	Analysis	300.0		5			71553	01/25/24 09:21	CH	EET MID

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-38217-4

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/27/24 00:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 00:43	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-38217-4

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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			71928	01/30/24 12:13	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 12:13	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	71327	01/22/24 12:56	SMC	EET MID
Soluble	Analysis	300.0		5			71553	01/25/24 09:28	CH	EET MID

Client Sample ID: CS-5 (1.5')

Lab Sample ID: 880-38217-5

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/27/24 01:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 01:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 12:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 12:35	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	71327	01/22/24 12:56	SMC	EET MID
Soluble	Analysis	300.0		5			71553	01/25/24 09:34	CH	EET MID

Client Sample ID: CS-6 (1.5')

Lab Sample ID: 880-38217-6

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/27/24 01:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 01:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 12:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 12:57	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71327	01/22/24 12:56	SMC	EET MID
Soluble	Analysis	300.0		5			71553	01/25/24 09:41	CH	EET MID

Client Sample ID: CS-7 (1.5')

Lab Sample ID: 880-38217-7

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/27/24 01:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 01:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 13:19	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 13:19	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-7 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	71327	01/22/24 12:56	SMC	EET MID
Soluble	Analysis	300.0		5			71553	01/25/24 09:48	CH	EET MID

Client Sample ID: CS-8 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/27/24 02:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 02:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 13:40	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 13:40	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 10:43	CH	EET MID

Client Sample ID: CS-9 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/27/24 02:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 02:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 14:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 14:02	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 11:04	CH	EET MID

Client Sample ID: CS-10 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/27/24 02:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 02:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 14:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 14:24	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 11:10	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (1.5')

Lab Sample ID: 880-38217-11

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/27/24 04:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 04:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 15:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 15:08	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 11:17	CH	EET MID

Client Sample ID: CS-12 (1.5')

Lab Sample ID: 880-38217-12

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/27/24 04:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 04:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 15:30	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 15:30	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 11:24	CH	EET MID

Client Sample ID: CS-13 (1.5')

Lab Sample ID: 880-38217-13

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/27/24 04:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 04:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 15:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 15:51	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 11:45	CH	EET MID

Client Sample ID: CS-14 (1.5')

Lab Sample ID: 880-38217-14

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/27/24 05:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 05:11	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-14 (1.5')**Lab Sample ID: 880-38217-14****Date Collected: 01/16/24 00:00****Matrix: Solid****Date Received: 01/19/24 16:44**

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			71928	01/30/24 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 16:14	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 11:51	CH	EET MID

Client Sample ID: CS-15 (1.5')**Lab Sample ID: 880-38217-15****Date Collected: 01/16/24 00:00****Matrix: Solid****Date Received: 01/19/24 16:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/27/24 05:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 05:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 16:35	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 16:35	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 11:58	CH	EET MID

Client Sample ID: CS-16 (1.5')**Lab Sample ID: 880-38217-16****Date Collected: 01/16/24 00:00****Matrix: Solid****Date Received: 01/19/24 16:44**

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	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/27/24 05:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 05:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 16:59	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 16:59	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 12:05	CH	EET MID

Client Sample ID: CS-17 (1.5')**Lab Sample ID: 880-38217-17****Date Collected: 01/16/24 00:00****Matrix: Solid****Date Received: 01/19/24 16:44**

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	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/27/24 06:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 06:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 17:21	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 17:21	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-17 (1.5')

Lab Sample ID: 880-38217-17

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 12:12	CH	EET MID

Client Sample ID: CS-18 (1.5')

Lab Sample ID: 880-38217-18

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71519	01/24/24 14:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71660	01/27/24 06:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 06:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 17:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 17:43	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 12:19	CH	EET MID

Client Sample ID: CS-19 (1.5')

Lab Sample ID: 880-38217-19

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 01:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 01:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 18:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 18:05	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 12:40	CH	EET MID

Client Sample ID: CS-20 (1.5')

Lab Sample ID: 880-38217-20

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 02:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 02:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 18:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71379	01/22/24 17:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 18:27	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 12:47	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-21 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 02:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 02:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 20:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	71382	01/22/24 17:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 20:15	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 13:07	CH	EET MID

Client Sample ID: CS-22 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 03:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 03:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 21:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71382	01/22/24 17:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 21:20	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 13:14	CH	EET MID

Client Sample ID: CS-23 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 03:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 03:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 21:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	71382	01/22/24 17:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 21:42	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 13:21	CH	EET MID

Client Sample ID: CS-24 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 04:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 04:06	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-24 (1.5')

Lab Sample ID: 880-38217-24

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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			71928	01/30/24 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71382	01/22/24 17:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 22:03	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 13:28	CH	EET MID

Client Sample ID: CS-25 (1.5')

Lab Sample ID: 880-38217-25

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 04:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 04:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 22:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	71382	01/22/24 17:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 22:25	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 13:35	CH	EET MID

Client Sample ID: CS-26 (1.5')

Lab Sample ID: 880-38217-26

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 04:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 04:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 22:47	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	71382	01/22/24 17:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 22:47	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 13:41	CH	EET MID

Client Sample ID: CS-27 (1.5')

Lab Sample ID: 880-38217-27

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 05:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 05:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 23:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71382	01/22/24 17:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 23:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-27 (1.5')**Lab Sample ID: 880-38217-27****Date Collected: 01/16/24 00:00****Matrix: Solid****Date Received: 01/19/24 16:44**

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	71328	01/22/24 12:58	SMC	EET MID
Soluble	Analysis	300.0		5			71554	01/25/24 13:48	CH	EET MID

Client Sample ID: CS-28 (1.5')**Lab Sample ID: 880-38217-28****Date Collected: 01/16/24 00:00****Matrix: Solid****Date Received: 01/19/24 16:44**

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	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 05:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 05:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 23:30	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	71382	01/22/24 17:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 23:30	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		5			71555	01/25/24 14:43	CH	EET MID

Client Sample ID: CS-29 (1.5')**Lab Sample ID: 880-38217-29****Date Collected: 01/16/24 00:00****Matrix: Solid****Date Received: 01/19/24 16:44**

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	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 07:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 07:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 23:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	71382	01/22/24 17:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/30/24 23:51	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		5			71555	01/25/24 15:03	CH	EET MID

Client Sample ID: CS-30 (1.5')**Lab Sample ID: 880-38217-30****Date Collected: 01/16/24 00:00****Matrix: Solid****Date Received: 01/19/24 16:44**

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	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 08:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 08:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/31/24 00:13	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	71382	01/22/24 17:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/31/24 00:13	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		5			71555	01/25/24 15:10	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-31 (1.5')

Lab Sample ID: 880-38217-31

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 08:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 08:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/31/24 00:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71382	01/22/24 17:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/31/24 00:56	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		5			71555	01/25/24 15:17	CH	EET MID

Client Sample ID: CS-32 (1.5')

Lab Sample ID: 880-38217-32

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 08:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 08:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/31/24 01:18	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	71382	01/22/24 17:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/31/24 01:18	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		5			71555	01/25/24 15:24	CH	EET MID

Client Sample ID: CS-33 (1.5')

Lab Sample ID: 880-38217-33

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 09:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 09:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/31/24 01:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	71382	01/22/24 17:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/31/24 01:39	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		5			71555	01/25/24 15:45	CH	EET MID

Client Sample ID: CS-34 (1.5')

Lab Sample ID: 880-38217-34

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 09:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 09:52	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-34 (1.5')**Lab Sample ID: 880-38217-34****Date Collected: 01/16/24 00:00****Matrix: Solid****Date Received: 01/19/24 16:44**

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			71928	01/31/24 02:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71382	01/22/24 17:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/31/24 02:01	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		5			71555	01/25/24 15:52	CH	EET MID

Client Sample ID: CS-35 (1.5')**Lab Sample ID: 880-38217-35****Date Collected: 01/16/24 00:00****Matrix: Solid****Date Received: 01/19/24 16:44**

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	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 10:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/31/24 02:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	71382	01/22/24 17:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/31/24 02:22	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		5			71555	01/25/24 15:58	CH	EET MID

Client Sample ID: CS-36 (1.5')**Lab Sample ID: 880-38217-36****Date Collected: 01/16/24 00:00****Matrix: Solid****Date Received: 01/19/24 16:44**

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	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 10:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 10:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/31/24 02:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	71382	01/22/24 17:45	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/31/24 02:44	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		5			71555	01/25/24 16:05	CH	EET MID

Client Sample ID: CS-37 (1.5')**Lab Sample ID: 880-38217-37****Date Collected: 01/16/24 00:00****Matrix: Solid****Date Received: 01/19/24 16:44**

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	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 11:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 11:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/31/24 03:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	71382	01/22/24 17:45	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/31/24 03:06	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-37 (1.5')**Lab Sample ID: 880-38217-37****Date Collected: 01/16/24 00:00****Matrix: Solid****Date Received: 01/19/24 16:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		5			71555	01/25/24 16:12	CH	EET MID

Client Sample ID: CS-38 (1.5')**Lab Sample ID: 880-38217-38****Date Collected: 01/16/24 00:00****Matrix: Solid****Date Received: 01/19/24 16:44**

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	71520	01/24/24 14:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 11:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 11:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/31/24 06:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	71382	01/22/24 17:45	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/31/24 06:21	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		5			71555	01/25/24 19:58	CH	EET MID

Client Sample ID: CS-39 (1.5')**Lab Sample ID: 880-38217-39****Date Collected: 01/16/24 00:00****Matrix: Solid****Date Received: 01/19/24 16:44**

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	71521	01/24/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 15:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 15:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/31/24 06:42	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	71382	01/22/24 17:45	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/31/24 06:42	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		5			71555	01/25/24 18:02	CH	EET MID

Client Sample ID: SW-1 (1.5')**Lab Sample ID: 880-38217-40****Date Collected: 01/16/24 00:00****Matrix: Solid****Date Received: 01/19/24 16:44**

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	71521	01/24/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 15:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 15:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/31/24 07:03	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	71382	01/22/24 17:45	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71910	01/31/24 07:03	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		1			71555	01/25/24 16:40	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-2 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-41
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	71521	01/24/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 16:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 16:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/29/24 23:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71450	01/23/24 13:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71766	01/29/24 23:44	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		1			71555	01/25/24 16:46	CH	EET MID

Client Sample ID: SW-3 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-42
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	71521	01/24/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 16:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 16:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 00:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	71450	01/23/24 13:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71766	01/30/24 00:04	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		1			71555	01/25/24 17:21	CH	EET MID

Client Sample ID: SW-4 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	71521	01/24/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 17:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 00:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	71450	01/23/24 13:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71766	01/30/24 00:46	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		1			71555	01/25/24 17:28	CH	EET MID

Client Sample ID: SW-5 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-44
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	71521	01/24/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 17:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 17:42	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-5 (1.5')

Lab Sample ID: 880-38217-44

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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			71928	01/30/24 01:07	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	71450	01/23/24 13:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71766	01/30/24 01:07	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		1			71555	01/25/24 17:35	CH	EET MID

Client Sample ID: SW-6 (1.5')

Lab Sample ID: 880-38217-45

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71521	01/24/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 18:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 18:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 01:28	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	71450	01/23/24 13:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71766	01/30/24 01:28	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		1			71555	01/25/24 17:42	CH	EET MID

Client Sample ID: SW-7 (1.5')

Lab Sample ID: 880-38217-46

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71521	01/24/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 18:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 01:49	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	71450	01/23/24 13:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71766	01/30/24 01:49	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		1			71555	01/25/24 17:49	CH	EET MID

Client Sample ID: SW-8 (1.5')

Lab Sample ID: 880-38217-47

Date Collected: 01/16/24 00:00

Matrix: Solid

Date Received: 01/19/24 16:44

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	71521	01/24/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 19:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 19:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 02:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	71450	01/23/24 13:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71766	01/30/24 02:10	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-8 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	71330	01/22/24 13:00	SMC	EET MID
Soluble	Analysis	300.0		1			71555	01/25/24 17:55	CH	EET MID

Client Sample ID: SW-9 (1.5')
Date Collected: 01/16/24 00:00
Date Received: 01/19/24 16:44

Lab Sample ID: 880-38217-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	71521	01/24/24 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71659	01/27/24 19:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71784	01/27/24 19:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			71928	01/30/24 02:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	71450	01/23/24 13:07	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	71766	01/30/24 02:30	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	71381	01/22/24 17:44	SA	EET MID
Soluble	Analysis	300.0		1			71575	01/26/24 18:14	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24
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
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Saints Booster

Job ID: 880-38217-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-38217-1	CS-1 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-2	CS-2 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-3	CS-3 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-4	CS-4 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-5	CS-5 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-6	CS-6 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-7	CS-7 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-8	CS-8 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-9	CS-9 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-10	CS-10 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-11	CS-11 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-12	CS-12 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-13	CS-13 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-14	CS-14 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-15	CS-15 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-16	CS-16 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-17	CS-17 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-18	CS-18 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-19	CS-19 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-20	CS-20 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-21	CS-21 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-22	CS-22 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-23	CS-23 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-24	CS-24 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-25	CS-25 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-26	CS-26 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-27	CS-27 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-28	CS-28 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-29	CS-29 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-30	CS-30 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-31	CS-31 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-32	CS-32 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-33	CS-33 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-34	CS-34 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-35	CS-35 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-36	CS-36 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-37	CS-37 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-38	CS-38 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-39	CS-39 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-40	SW-1 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-41	SW-2 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-42	SW-3 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-43	SW-4 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-44	SW-5 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-45	SW-6 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-46	SW-7 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-47	SW-8 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44
880-38217-48	SW-9 (1.5')	Solid	01/16/24 00:00	01/19/24 16:44

Date/Time

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

Work Order No: 38217

Page 2 of 5

Project Manager	Connor Moehring	Bill to: (if different)	Joseph Vargo
Company Name	Camrona Resources	Company Name:	NGL Water Solutions Permian
Address	310 W Wall St Ste 500	Address:	665 N Albino Street, Suite 400
City, State ZIP	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone	(432) 813-6823	Email	Joseph.Vargo@nngl.com

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

Project Name	Saints Booster	Turn Around			Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number	2151	☒ Routine	☐ Rush												None, NO	DI Water H ₂ O			
Project Location	Eddy County, New Mexico	Due Date													Cool Cool	MeOH Me			
Sampler's Name	FV/CRM														HCL, HC	HNO ₃ , HN			
PO #:																	H ₂ SO ₄ , H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank:	Yes	No	Thermometer ID	Wet Ice:	Yes	No											H ₃ PO ₄ , HP	
	Received Intact:	Yes	No													NaHSO ₄ , NABIS			
	Cooler Custody Seals	Yes	No	N/A	Correction Factor											Na ₂ S ₂ O ₃ , NaSO ₃			
	Sample Custody Seals:	Yes	No	N/A	Temperature Reading											Zn Acetate+NaOH Zn			
	Total Containers:				Corrected Temperature:											NaOH+Ascorbic Acid, SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
CS-11 (1.5)		1/16/2024		X		C	1	X	X	X									
CS-12 (1.5)		1/16/2024		X		C	1	X	X	X									
CS-13 (1.5)		1/16/2024		X		C	1	X	X	X									
CS-14 (1.5)		1/16/2024		X		C	1	X	X	X									
CS-15 (1.5)		1/16/2024		X		C	1	X	X	X									
CS-16 (1.5)		1/16/2024		X		C	1	X	X	X									
CS-17 (1.5)		1/16/2024		X		C	1	X	X	X									
CS-18 (1.5)		1/16/2024		X		C	1	X	X	X									
CS-19 (1.5)		1/16/2024		X		C	1	X	X	X									
CS-20 (1.5)		1/16/2024		X		C	1	X	X	X									

Comments: Email to Mike Carmona / mcarmona@camronaresources.com and Connor Moehring / cmoehring@camronaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Don McCarney</i>	1/19/24	<i>[Signature]</i>	

Project Manager	Connor Moehring	Bill to: (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address.	310 W Wall St Ste 500	Address	865 N Albino Street, Suite 400
City, State ZIP	Midland, TX 79701	City, State ZIP.	Denver, CO 80220
Phone:	(432) 813-6823	Email	Joseph.Vargo@nadlep.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:		Saints Booster		Turn Around		Pres. Code		ANALYSIS REQUEST								Preservative Codes			
Project Number:		2151		☒ Routine ☐ Rush												None: NO		DI Water	H ₂ O
Project Location		Eddy County, New Mexico		Due Date												Cool Cool		MeOH	Me
Sampler's Name:		FV/CRM														HCL HC		HNO ₃	HN
PO #:																H ₂ SO ₄ H ₂		NaOH	Na
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No								H ₃ PO ₄ HP			
Received Intact:		Yes No		Thermometer ID												NaHSO ₄ NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor												Na ₂ S ₂ O ₃ NaSO ₃			
Sample Custody Seals:		Yes No N/A		Temperature Reading												Zn Acetate+NaOH Zn			
Total Containers:				Corrected Temperature:												NaOH+Ascorbic Acid SAPC			

[illegible]

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

Comments: Email to Mike Carmona / Mccarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Don McCarney</i>	1/29/24	<i>DM</i>	
	16:44		

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

Work Order No: 38217

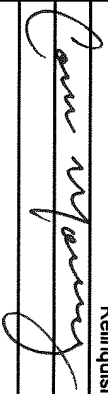
Page 4 of 5

Project Manager:	Connor Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGI Water Solutions Permian
Address:	310 W Wall St Ste 500	Address:	865 N Albino Street Suite 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver, CO 80220
Phone:	(432) 813-6823	Email:	Joseph.Vargo@ndleg.com

Project Name:		Saints Booster	Turn Around		Prat. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number	2151	☒ Routine	☐ Rush			None: NO	DI Water	H ₂ O													
Project Location	Eddy County, New Mexico	Due Date			Cool Cool	MeOH	Me														
Sampler's Name	FV/CRM				HCL, HC	HNO ₃	HN														
PO #:					H ₂ SO ₄ , H ₂	NaOH	Na														
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	H ₃ PO ₄ , HP																
Received In tact:	Yes	No	Thermometer ID	Yes	NaHSO ₄ , NABIS																
Cooler Custody Seals	Yes	No	Correction Factor		Na ₂ S ₂ O ₃ , NaSO ₃																
Sample Custody Seals:	Yes	No	Temperature Reading		Zn Acetate+NaOH	Zn															
Total Containers:			Corrected Temperature:		NaOH+Ascorbic Acid	SAPC															

Project Name:		Saints Booster		Turn Around		Pres.		ANALYSIS REQUEST										Preservative Codes		
Project Number	2151	☒ Routine	☐ Rush														None, NO	DI Water	H ₂ O	
Project Location	Eddy County, New Mexico			Due Date													Cool	Cool	MeOH	Me
Sampler's Name	FV/CRM																HCL, HC	HNO ₃	HN	
PO #:																	H ₂ SO ₄	H ₂	NaOH	Na
SAMPLE RECEIPT	Temp Blank.	Yes	No	Yes	No	Wet Ice:	Yes	No	Parameters										H ₃ PO ₄	HP
	Received Intact:	Yes	No	Thermometer ID					BTEX 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 300 0										Zn Acetate+NaOH	Zn
	Total Containers.				Corrected Temperature.													NaOH+Ascorbic Acid	SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont											Sample Comments		
CS-31 (1.5')		1/16/2024		X		C	1	X	X	X										
CS-32 (1.5')		1/16/2024		X		C	1	X	X	X										
CS-33 (1.5')		1/16/2024		X		C	1	X	X	X										
CS-34 (1.5')		1/16/2024		X		C	1	X	X	X										
CS-35 (1.5')		1/16/2024		X		C	1	X	X	X										
CS-36 (1.5')		1/16/2024		X		C	1	X	X	X										
CS-37 (1.5')		1/16/2024		X		C	1	X	X	X										
CS-38 (1.5')		1/16/2024		X		C	1	X	X	X										
CS-39 (1.5')		1/16/2024		X		C	1	X	X	X										
SW-1 (1.5')		1/16/2024		X		C	1	X	X	X										

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Connor Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1/16/24		

Project Manager	Connor Moehring	Bill to: (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name:	NGI Water Solutions Permian
Address:	310 W Wall St Ste 500	Address:	865 N Albino Street, Suite 400
City, State ZIP	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone	(432) 813-6823	Email	Joseph.Vargo@ngilep.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	

Work Order No.: _____

Loc: 880
38217

Project Name:		Saints Booster		Turn Around		ANALYSIS REQUEST												Preservative Codes		
Project Number	2151	☒ Routine	☐ Rush													None: NO	DI Water H ₂ O			
Project Location	Eddy County, New Mexico	Due Date														Cool Cool	MeOH Me			
Sampler's Name:	FV/CRM															HCL, HC	HNO ₃ HN			
PO #																H ₂ SO ₄ , H ₂	NaOH Na			
SAMPLE RECEIPT	Temp Blank:	Yes	No	Thermometer ID	Wet Ice:	Yes	No	Parameters								H ₃ PO ₄ , HP				
	Received Intact:	Yes	No	Correction Factor				BTX 8021B								NaHSO ₄ , NABIS				
	Cooler Custody Seals:	Yes	No	Temperature Reading				TPH 8015M (GRO + DRO + MRO)								Na ₂ S ₂ O ₃ , NaSO ₃				
	Sample Custody Seals:	Yes	No	Corrected Temperature:				Chloride 300.0								Zn Acetate+NaOH Zn				
	Total Containers:															NaOH+Ascorbic Acid SAPC				
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-2 (1.5')		1/16/2024		X		C	1	X	X	X										
CS-3 (1.5')		1/16/2024		X		C	1	X	X	X										
SW-4 (1.5')		1/16/2024		X		C	1	X	X	X										
SW-5 (1.5')		1/16/2024		X		C	1	X	X	X										
SW-6 (1.5')		1/16/2024		X		C	1	X	X	X										
SW-7 (1.5')		1/16/2024		X		C	1	X	X	X										
SW-8 (1.5')		1/16/2024		X		C	1	X	X	X										
SW-9 (1.5')		1/16/2024		X		C	1	X	X	X										

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1/19/24 1000		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-38217-1

SDG Number: Eddy County, New Mexico

Login Number: 38217

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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

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

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

QUESTIONS

Action 313526

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 313526
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2325638370
Incident Name	NAPP2325638370 SAINTS BOOSTER @ 0
Incident Type	Fire
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SAINTS BOOSTER
Date Release Discovered	09/13/2023
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Fire
Did this release result in a fire or is the result of a fire	Yes
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: Lightning Tank (Any) Produced Water Released: 2,000 BBL Recovered: 1,000 BBL Lost: 1,000 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 2

Action 313526

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID:	372338
	Action Number:	313526
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Nature and Volume of Release (continued)**

Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more; (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.

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: Joseph Vargo Title: Regulatory manager Email: joseph.vargo@nglep.com Date: 02/12/2024
--	--

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 3

Action 313526

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 313526
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 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	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
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.	
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)	15300
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2480
GRO+DRO (EPA SW-846 Method 8015M)	2480
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	01/12/2024
On what date will (or did) the final sampling or liner inspection occur	01/16/2024
On what date will (or was) the remediation complete(d)	02/10/2024
What is the estimated surface area (in square feet) that will be reclaimed	19175
What is the estimated volume (in cubic yards) that will be reclaimed	1200
What is the estimated surface area (in square feet) that will be remediated	19175
What is the estimated volume (in cubic yards) that will be remediated	1200

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 4

Action 313526

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID:	372338
	Action Number:	313526
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Remediation Plan (continued)**

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.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	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	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Yes
What is the name of the NMED facility	Northern Delaware Disposal
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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 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: Joseph Vargo Title: Regulatory manager Email: joseph.vargo@nglep.com Date: 02/12/2024
--	--

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.

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

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

QUESTIONS, Page 5

Action 313526

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID:	372338
	Action Number:	313526
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 6

Action 313526

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID:	372338
	Action Number:	313526
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	303313
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/16/2024
What was the (estimated) number of samples that were to be gathered	57
What was the sampling surface area in square feet	19175

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	19175
What was the total volume (cubic yards) remediated	1200
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	19175
What was the total volume (in cubic yards) reclaimed	1200
Summarize any additional remediation activities not included by answers (above)	None

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Joseph Vargo Title: Regulatory manager Email: joseph.vargo@nglep.com Date: 02/12/2024
--	--

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

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

QUESTIONS, Page 7

Action 313526

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 313526
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 313526

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID:
	372338
	Action Number:
	313526
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2325638370 SAINTS BOOSTER, thank you. This Remediation Closure Report is approved. The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical.	4/12/2024
rhamlet	Pictures of the 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; and a revegetation plan. A revegetation report will not be accepted until the release area, including areas reasonably needed for production or drilling activities, are complete. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable. All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil.	4/12/2024
rhamlet	Information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved. OR Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	4/12/2024